

### PULL-UP LACE PATTERNS

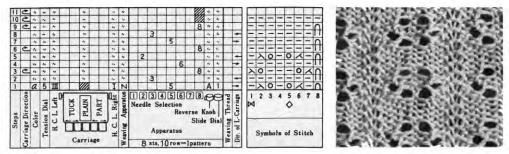
#### What is a Pull-up Lace Pattern?

Pull-up lace patterns are beautiful open patterns worked by combining the specialities of both automatic lace patterning and pull-up stitches.

#### Specialities of Pull-up Lace Patterns:

This new type of pattern stitch is especially designed for the wider use of knitting in the spring or summer season by giving a unique effect, different from mere lace patterns. Ideally they are used for the border of a garment.

## How to knit Pull-up Lace Patterns:



Carriage .......Place at right hand side.

Yarn in feeder... Thread with yarn for garment.

Tension dial.....Adjust to 5.

Change levers ... Set Right at III, Left at I.

Cam buttons ... Depress "PLAIN" knitting button.

Weaving apparatus......Set both knob and levers to N.

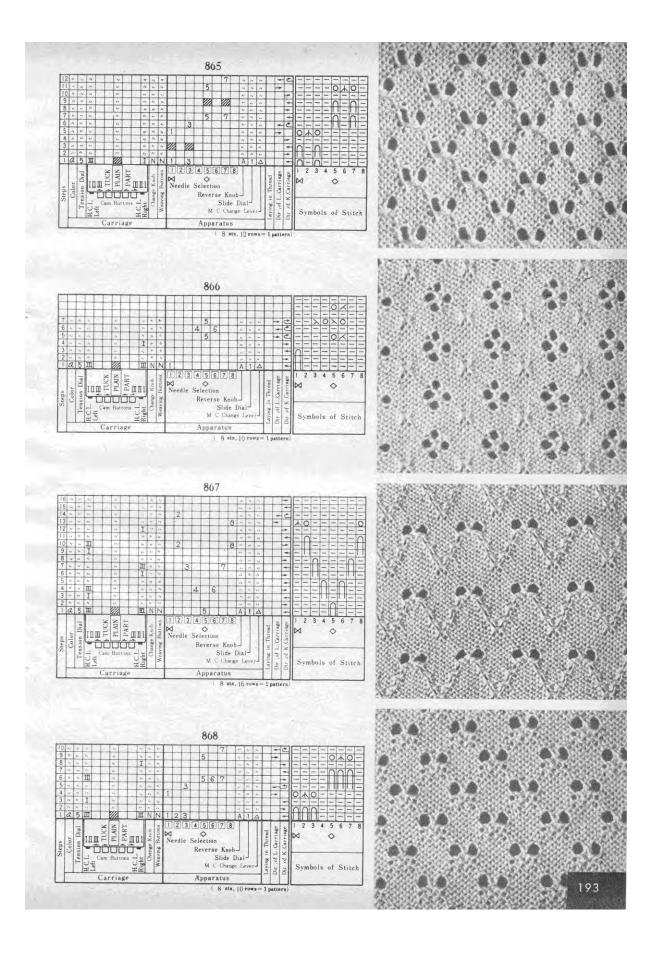
Needle S.B. .....Depress 5.

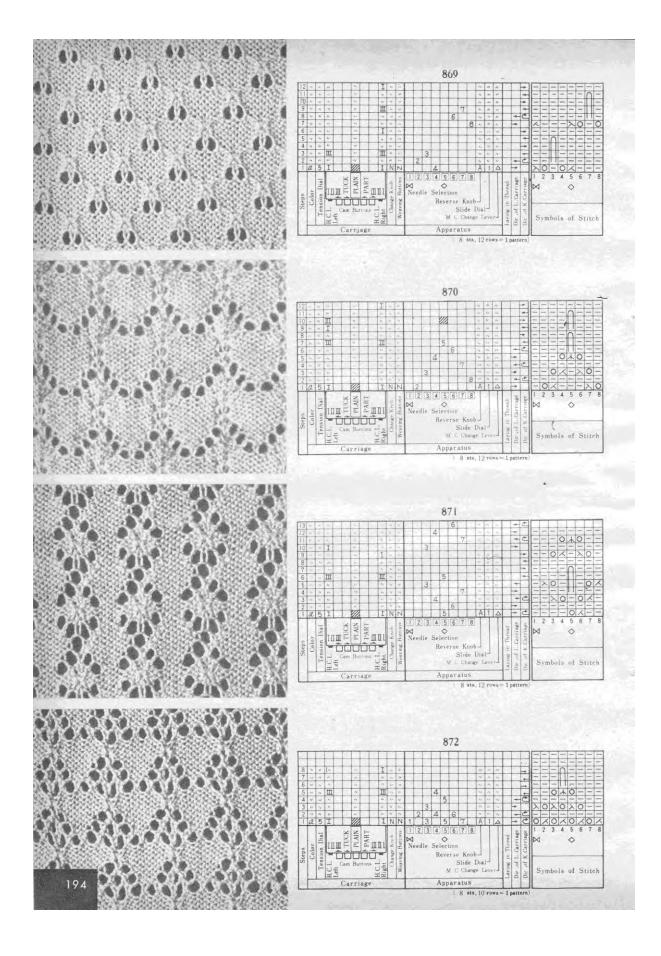
Reverse Knob ... Adjust at A.

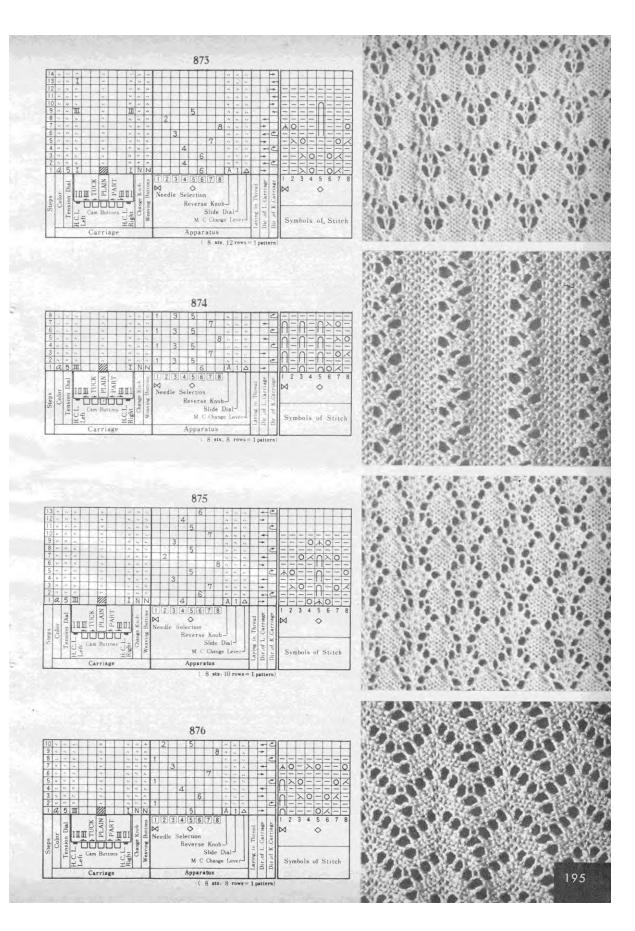
Slide dial .......Adjust at 1.

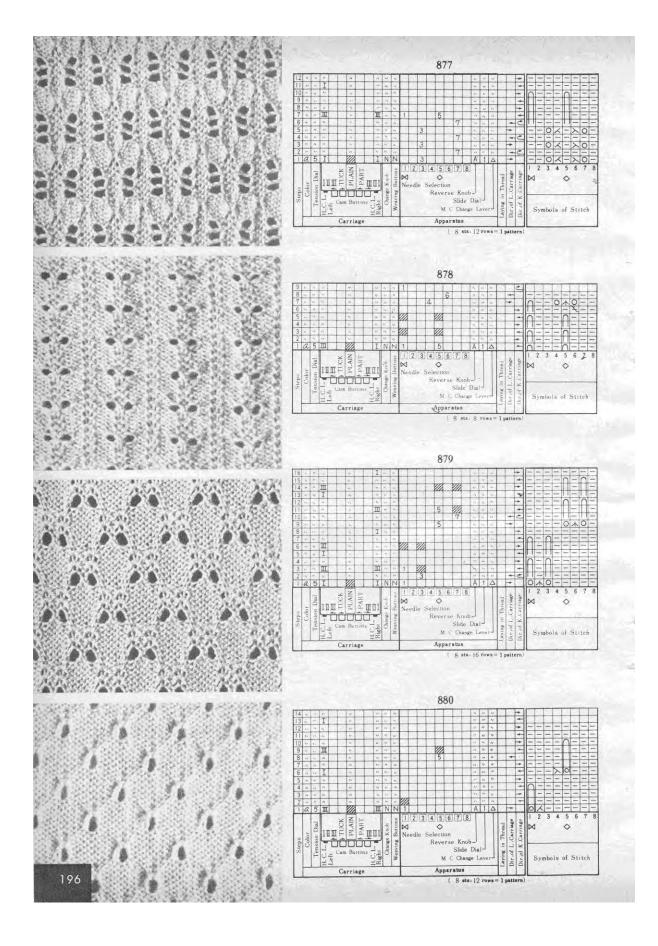
#### Order of Operations:

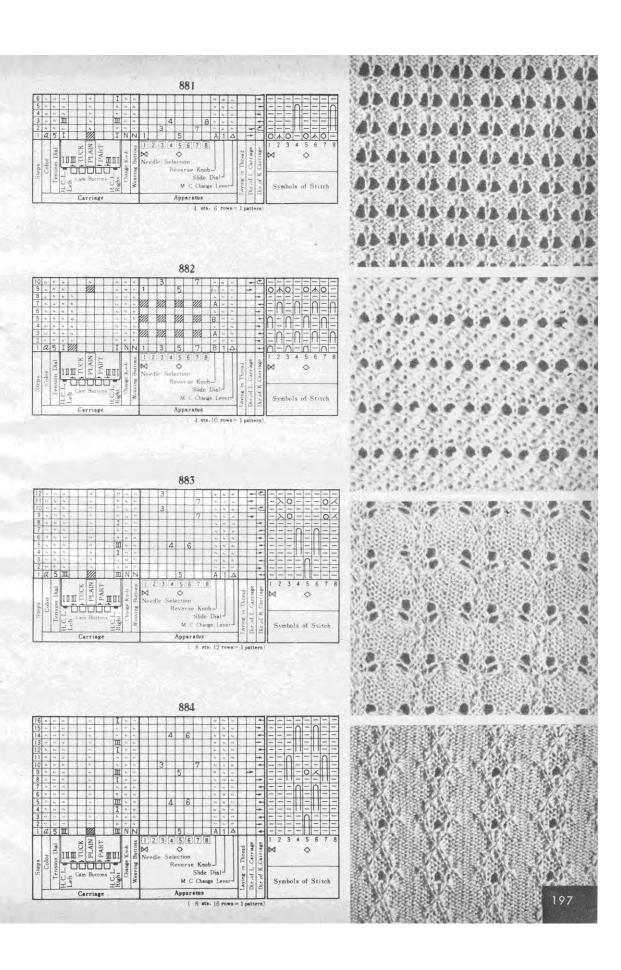
- 1. Arrange needles by the set lever. Operate L-carriage from left to right.
- 2. Depress 3 of the Needle S. B, (releasing 5), arrange needles, operate L-carriage from right to left.
- 3. Depress 8 of Needle S. B, (releasing 3), arrange needles, operate the knitting carriage twice (2 rows).
- 4. Depress 6 of Needle S. B, (releasing 8), arrange needles, operate L-carriage from left to right.
- 5. Depress 2 of Needle S. B, (releasing 6), arrange needles, operate L-carriage from right to left.
- Depress 8 of Needle S. B, (releasing 2), arrange needles, operate the knitting carriage 2 twice.
- 7. Depress 5 of Needle S. B, (releasing 8), arrange needles, operate L-carriage from left to right.
- 8. Depress 3 of Needle S. B, (releasing 5), arrange needles, operate L-carriage from right to left.
- 9. Depress 8 of Needle S. B, (releasing 3), arrange needles, operate the knitting carriage twice (2 rows).
- 10. Arrange needles without changing Needle S. B., operate the knitting carriage twice (2 rows),
- 11. Arrange needles without changing Needle S. B., operate the knitting carriage twice (2 rows).
- ★ Repeat steps 1 to 11.

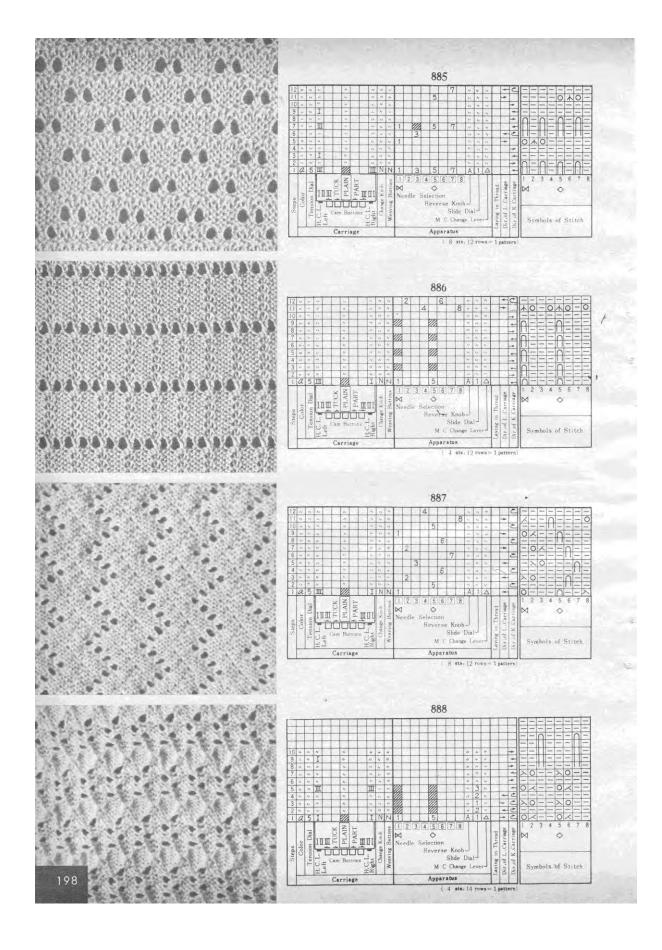


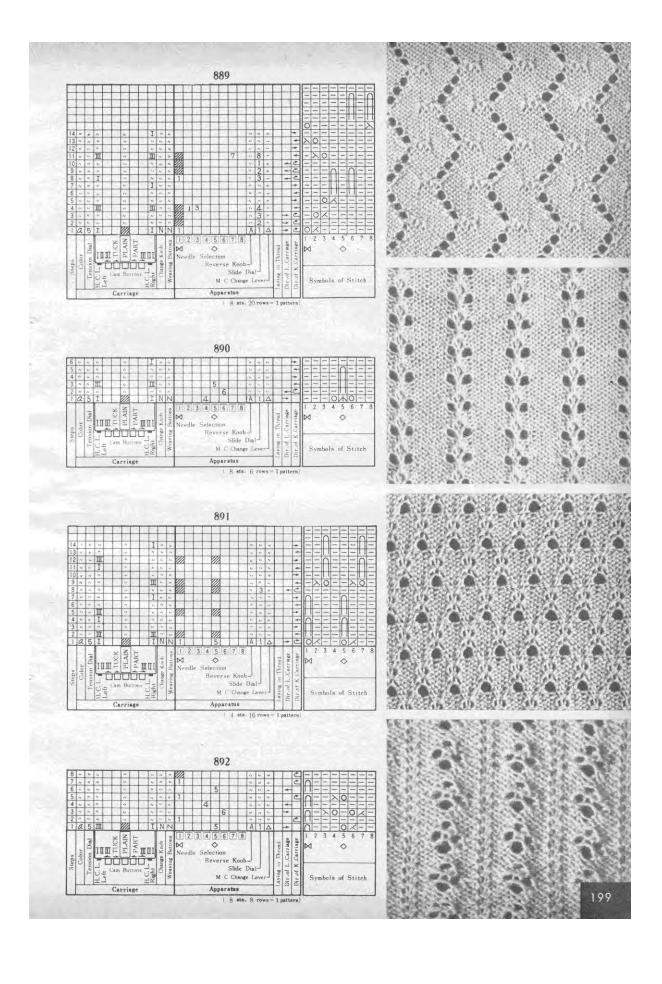


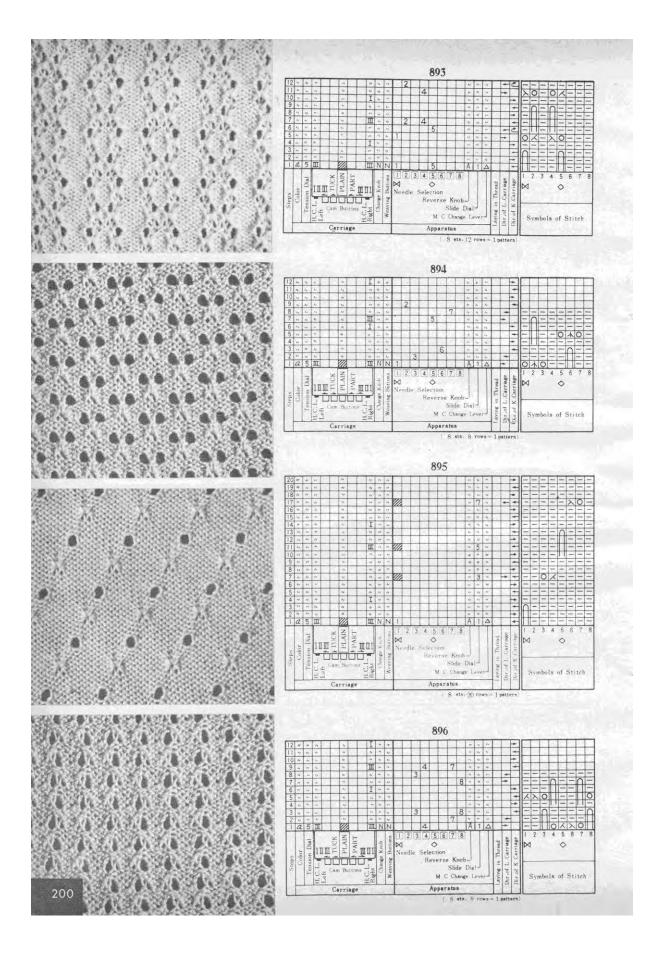


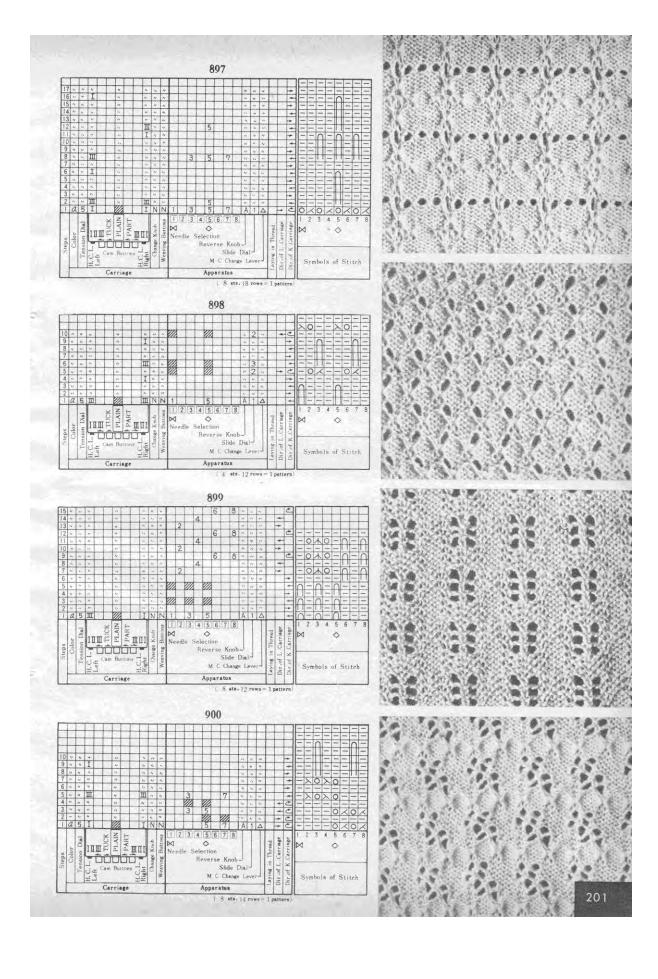


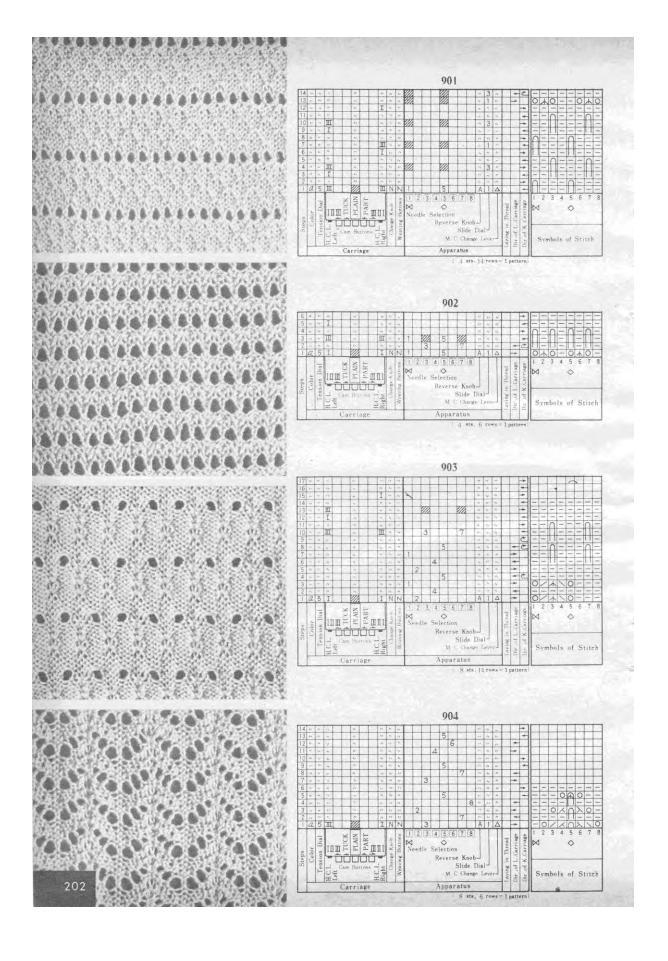


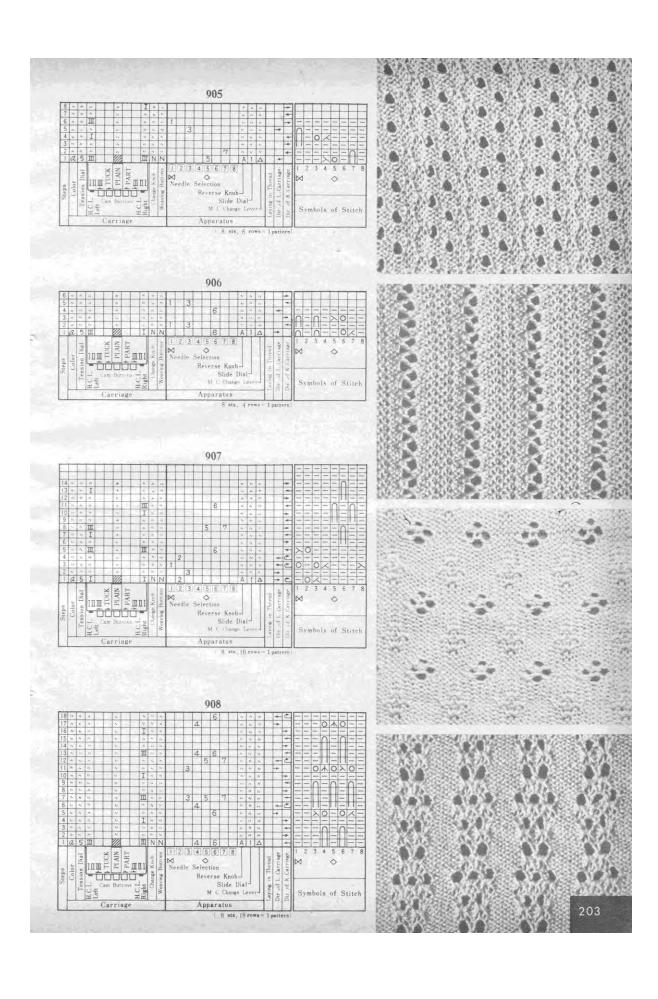


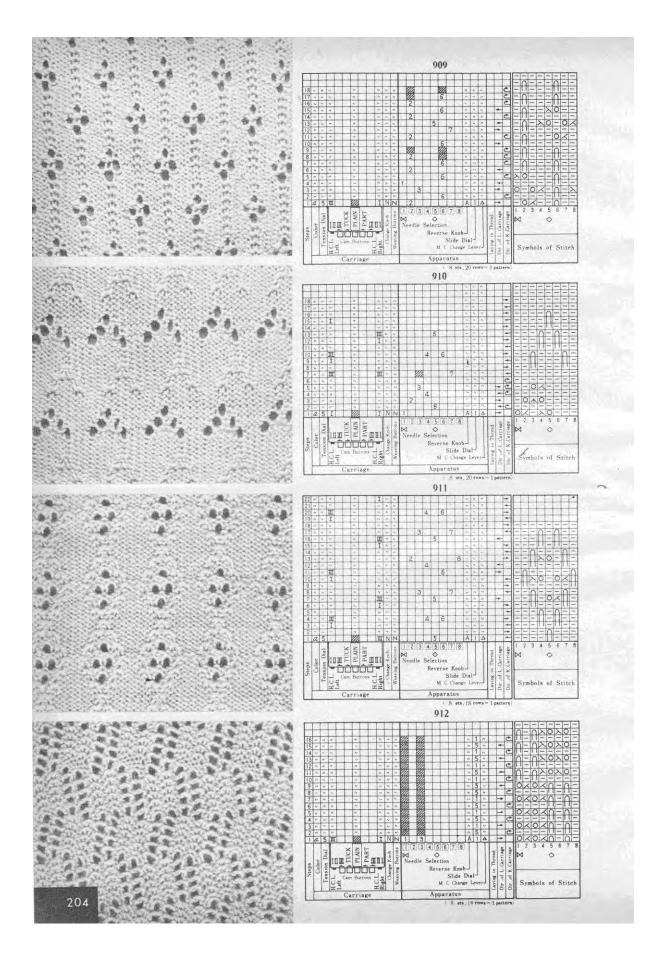


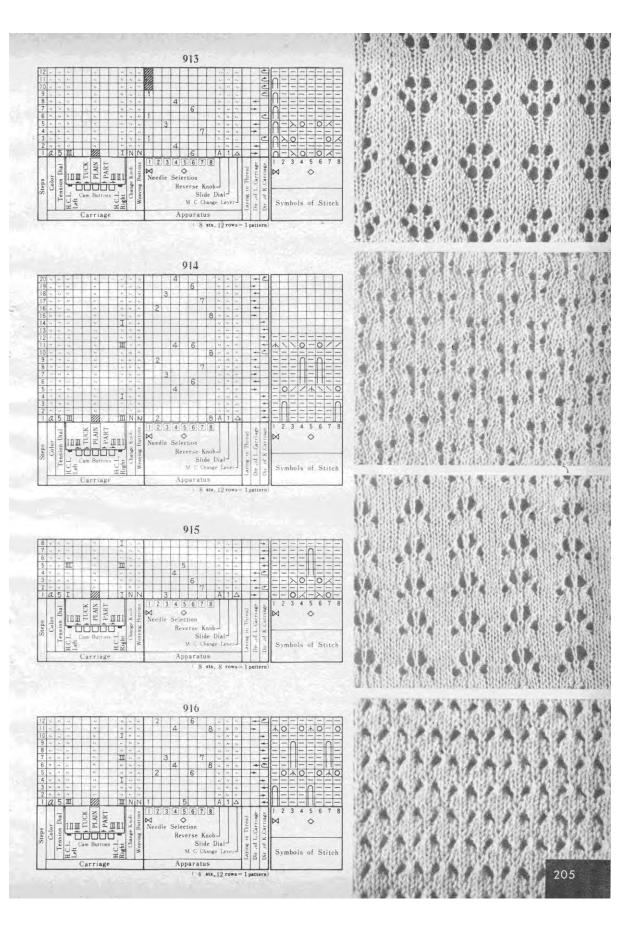


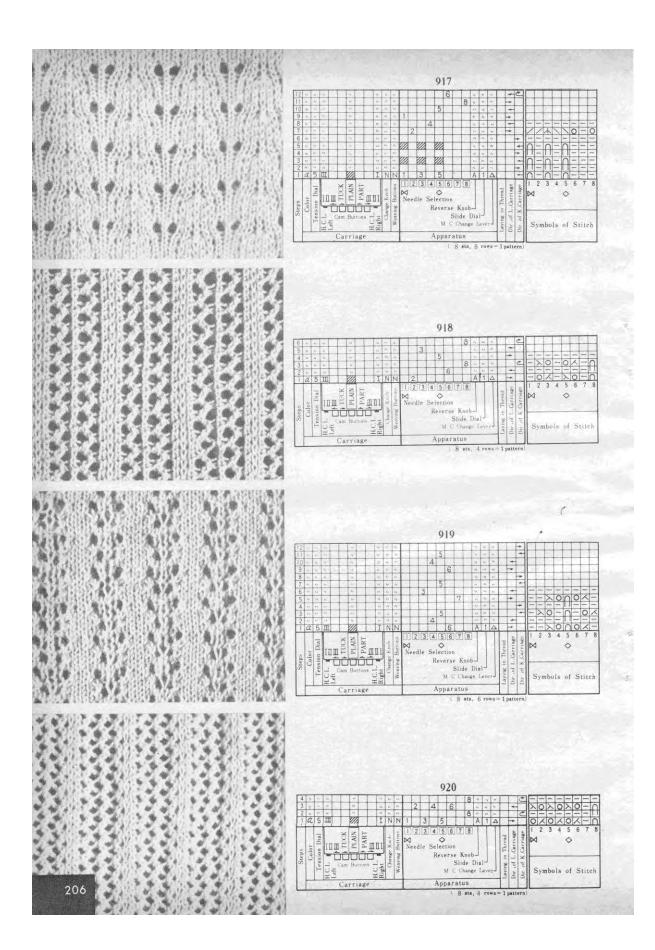


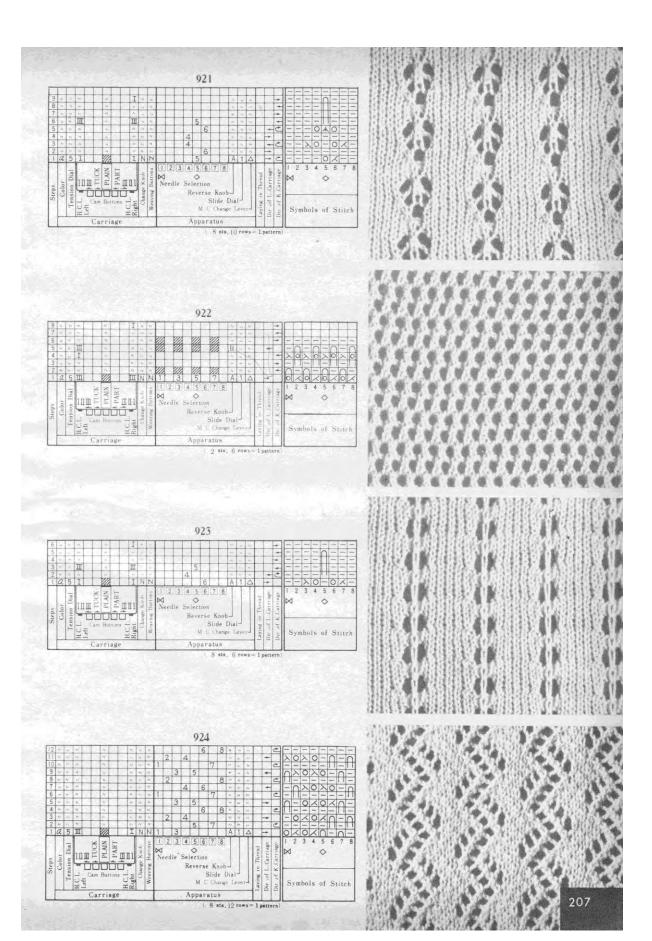












# WEAVING (THREAD KNITTING) PATTERNS

#### What is Weaving?

With weaving another kind of yarn or thread is woven between the basic stitches.

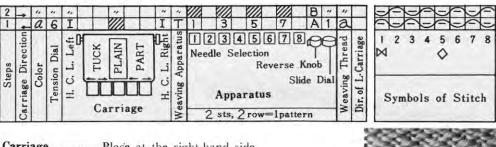
By changing the setting of the weaving apparatus from N to T, and laying the yarn for threading over the hooks of the selected needles, the yarn is automatically woven into the knitting when the carriage is operated.

#### Specialities of Weaving Patterns:

Since the yarn for weaving does not form the stitches itself, some suitable yarn must be used for base knitting. Though the elasticity of the garment is considered as one of the greatest specialities of knitting, thread knitting is comparatively less elastic. But on the other hand it has the merit to keep the shape of the garment comparing with the other types of stitches. A new type of non-stretch fabric has been created that is very popular for town wear or heavy coats. The fabric can also be cut and shaped, without the stitches running.

Basic yarn=medium heavy wool (ordinary 4 ply)
Yarn for threading=Medium heavy wool (ordinary 4 ply)

#### How to work weaving patterns:



Carriage ......Place at the right hand side.

Yarn in feeder ..... Thread the yarn feeder with the knitting yarn.

Tension dial......Set to 6.

Change lever .....Set both, left and right to I.

Cam buttons ..... "PLAIN".

Weaving apparatus.....Set to T.

Needle S.B. ......Depress buttons 1, 3, 5 and 7.

Reverse knob ..... Set to A.

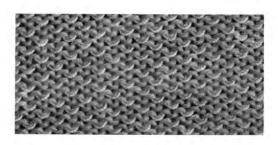
Sliding dial .....Set to 1.

#### Order of operations:

- 1. Arrange the needles by the set lever, lay the yarn for threading over the hooks of the needles which have been selected.
- 2. Lightly holding the end of the yarn in one hand, move the carriage from right to left with the other.
- 3. Change the Reverse knob from A to B, then arrange the needles. Place the yarn for threading over the hooks of the arranged needles.
- 4. Holding the end of the yarn for threading operate the carriage from left to right.
- \* Repeat the steps from 1 to 4.

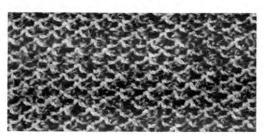
#### Thread knitting and the materials:

Magic of knitting! Look at these four pictures below. All of them were worked by thread knitting using the same technique. As you see from these pictures, by changing the yarn for threading-quite different effects are obtained. Therefore following the examples included in this Jones Knitting Pattern Book, hundreds of different variations can be obtained by combining different types of yarn.

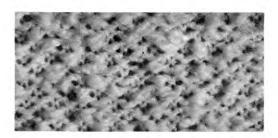


#### How to get the best effect in thread knitting:

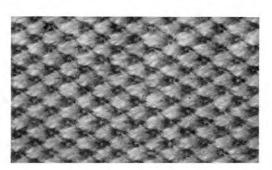
 We recommend using a finer yarn for basic knitting and a heavier yarn or a fancy yarn for weaving. This way you will get the effect of an interesting contrast and at the same time you can reduce the weight of the finished garment.



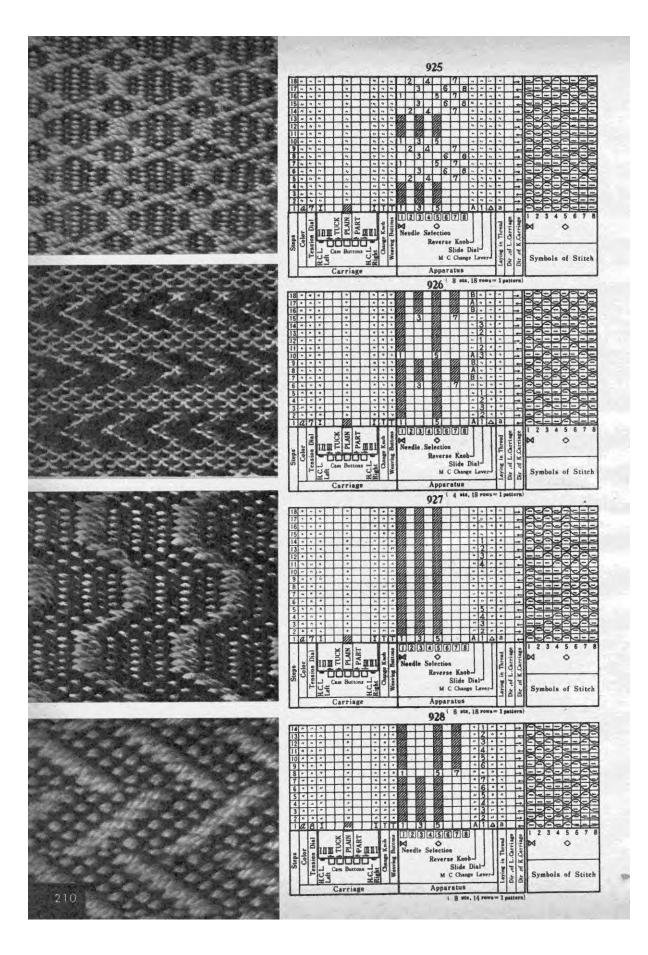
2. Pay special attention to the contrast of the colors of basic knitting and the yarn for weaving. Always match them up by doing a sample piece.

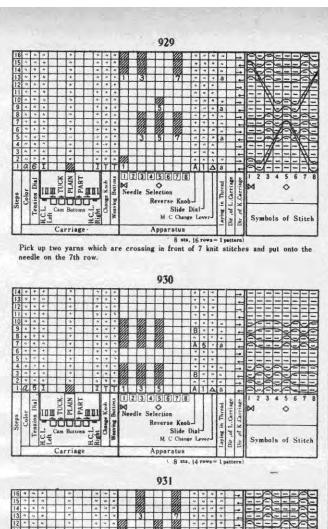


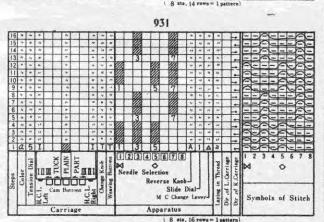
3. Be careful when holding the yarn for weaving. It should not be pulled too tight, nor held too loosely. Care should be taken to hold the yarn evenly all the time. (unless the knitting and the patterns become uneven.).



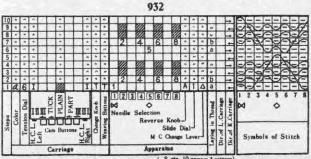
- 4. It is necessary to set the number on the tension dial according to the yarn for weaving.
  - Usually I number looser in tension is used for weaving than for plain knitting. Do not set the tension too tight or the weaving yarn may catch in the stitches formed.



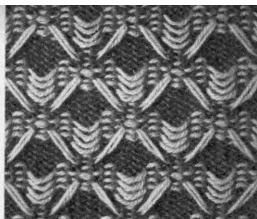


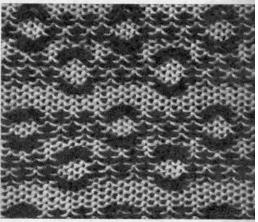


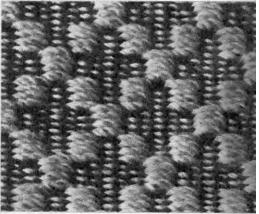
Carriage

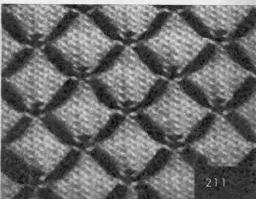


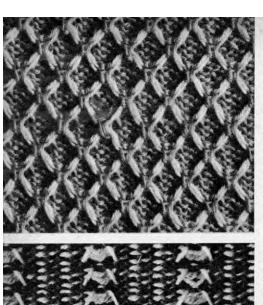
Put the yarns which are crossing in front of 7 knit stitches and put onto the needle on the 5th row.

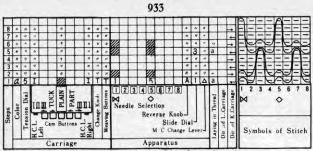




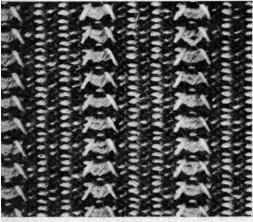


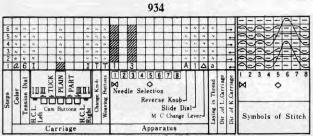




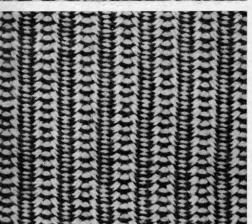


(4 sts, 8 rows = 1 pattern)
Pick up two yarns which are crossing in front of 3 knit stitches and put onto the needle on the 5th row.



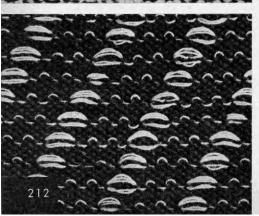


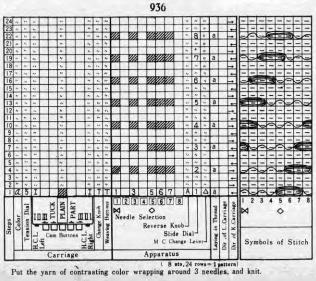
(8 sts, 6 rows = 1 pattern)
Pick up the lowest of the 3 yarns which are crossing in front of 5 stitches and put onto the needle on the 4th row.





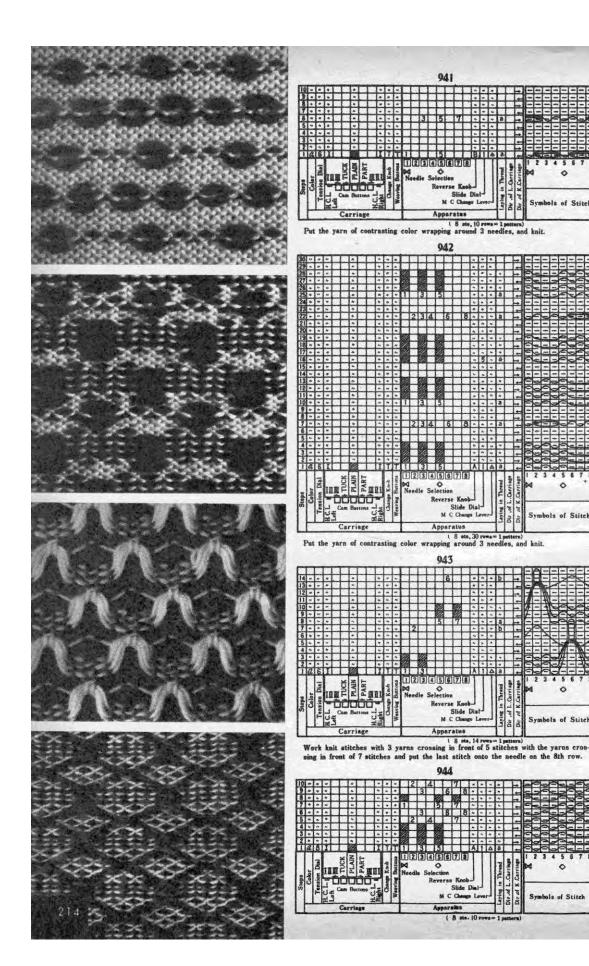
Pick up 3 yarns which are crossing in front of 3 knit stitches and put onto the needle on the 3th row.

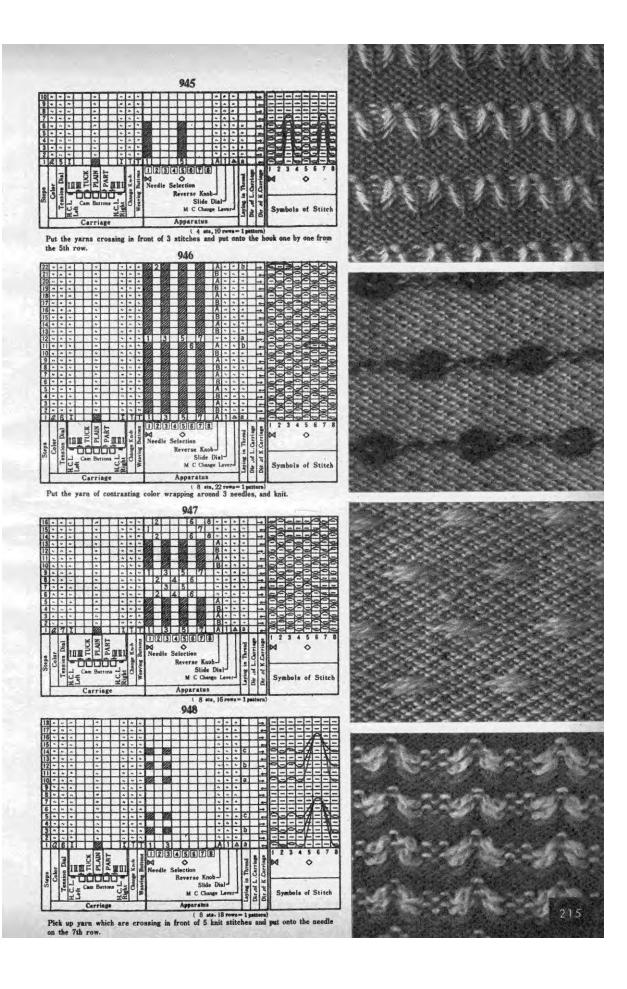


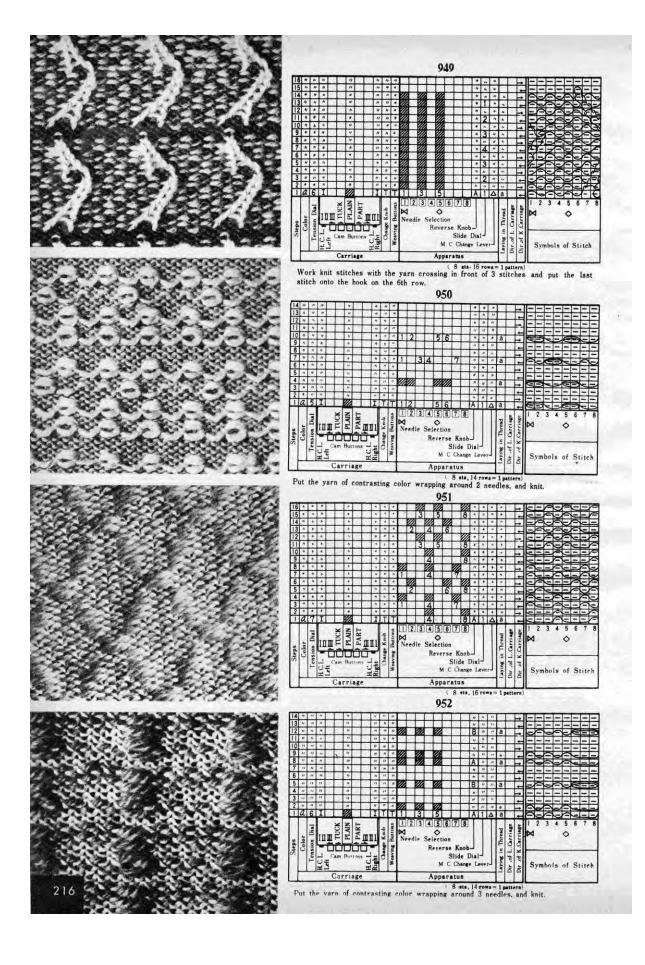


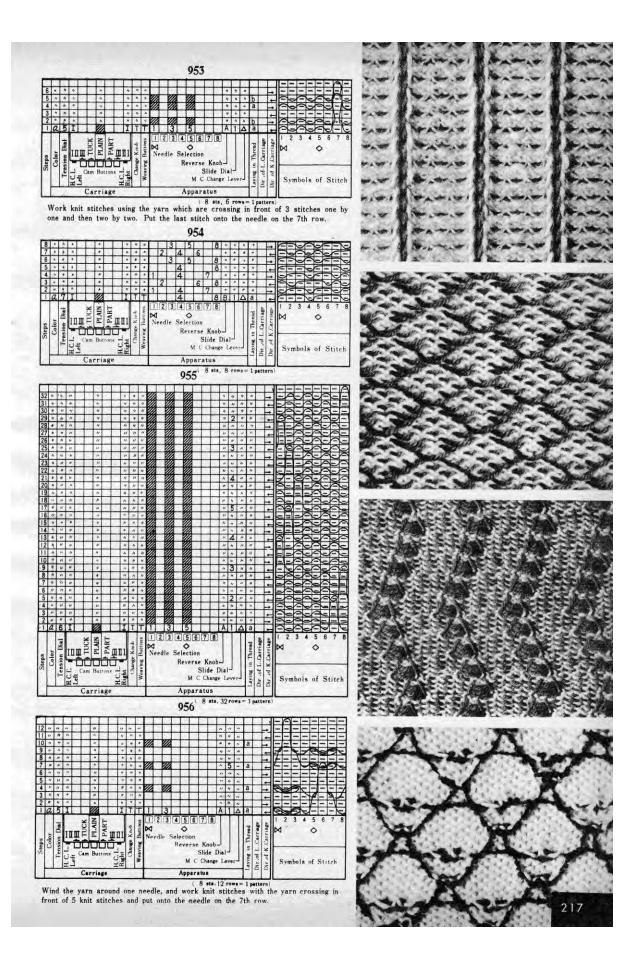
Apparatus

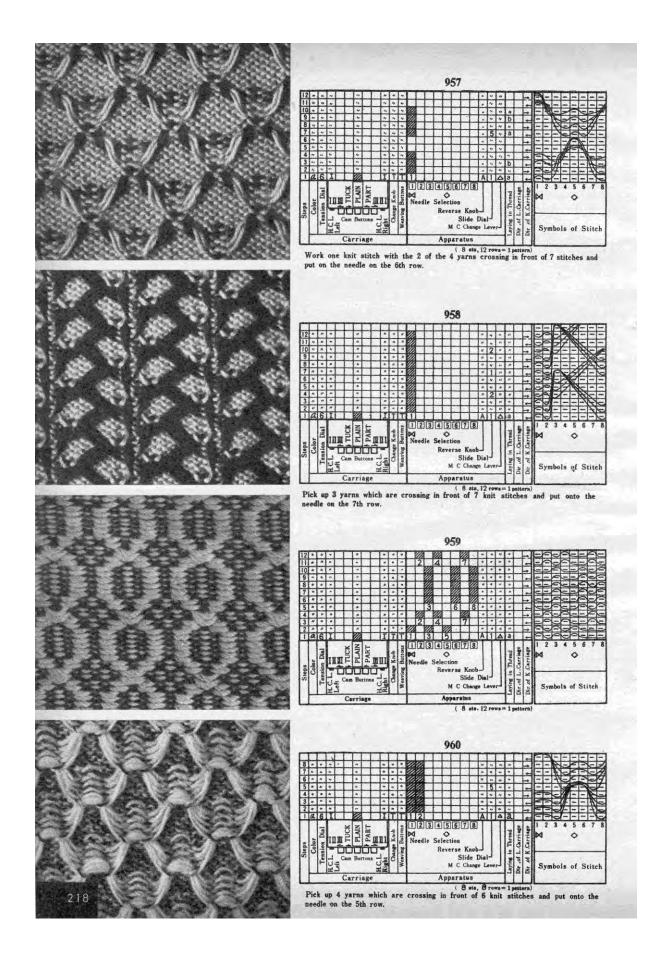
( 8 ats. 10 rows = 1 pa

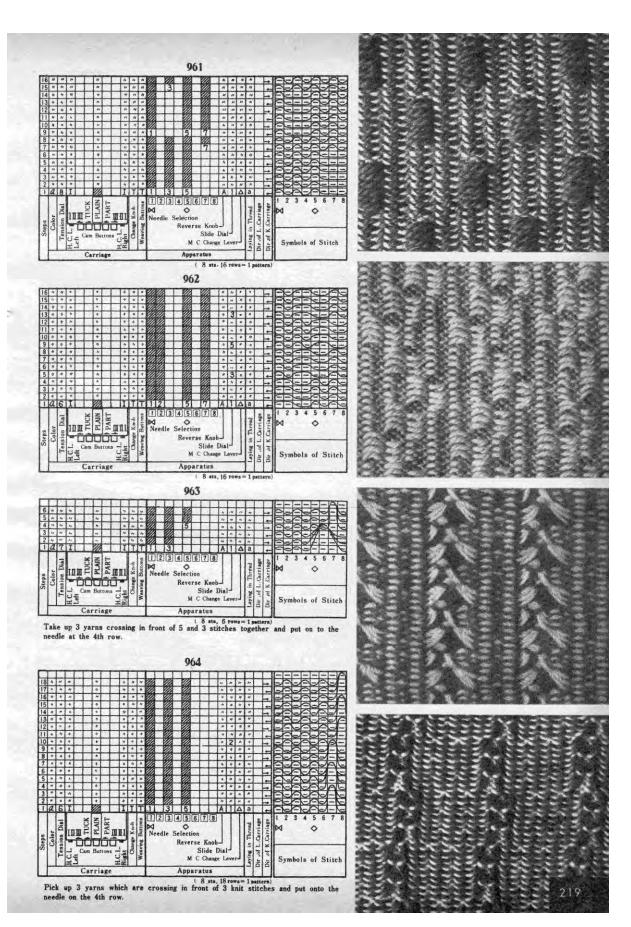


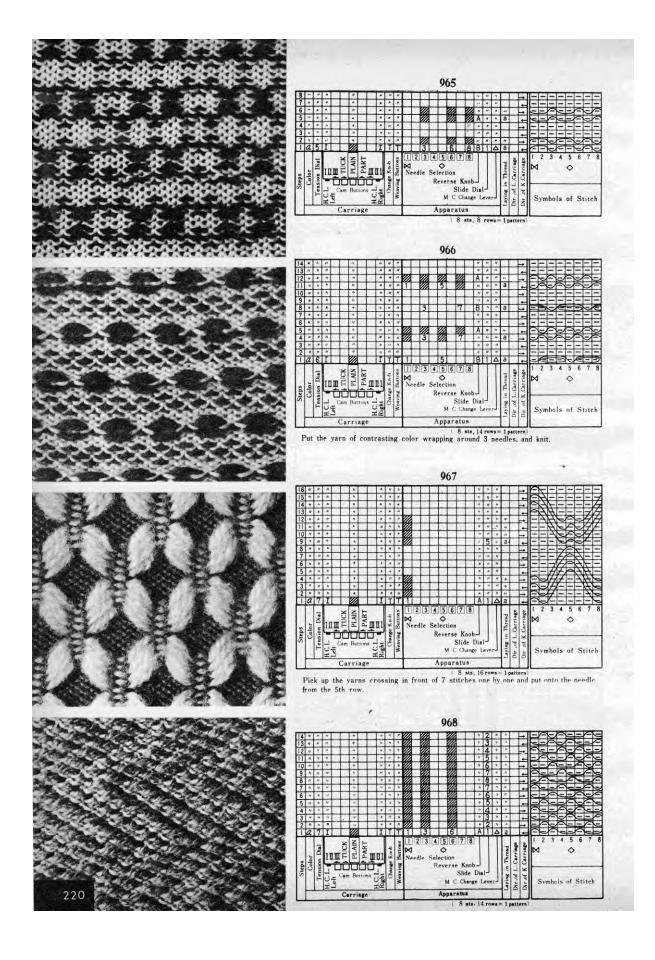


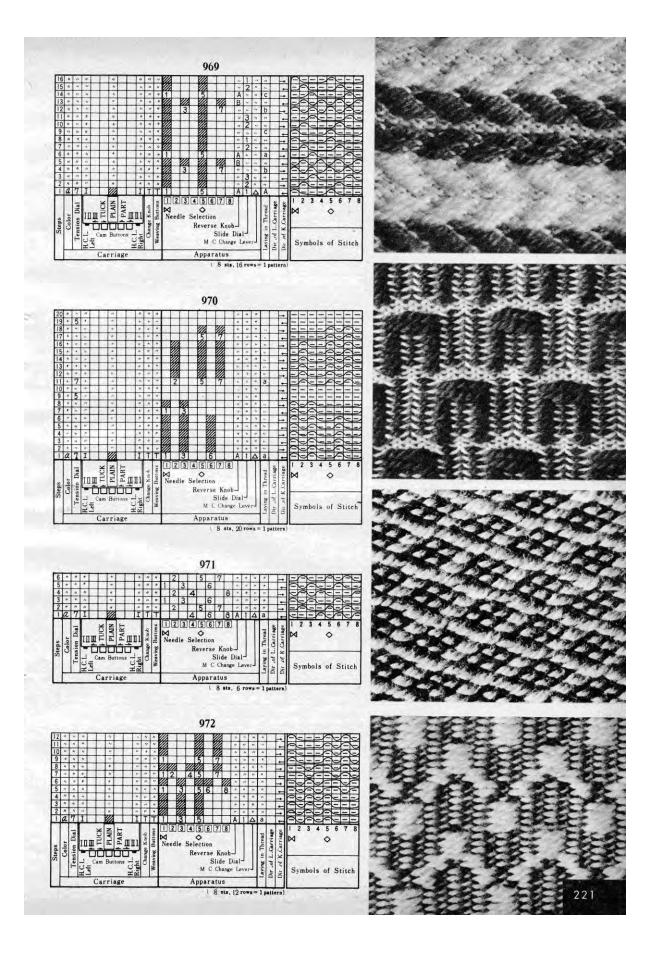


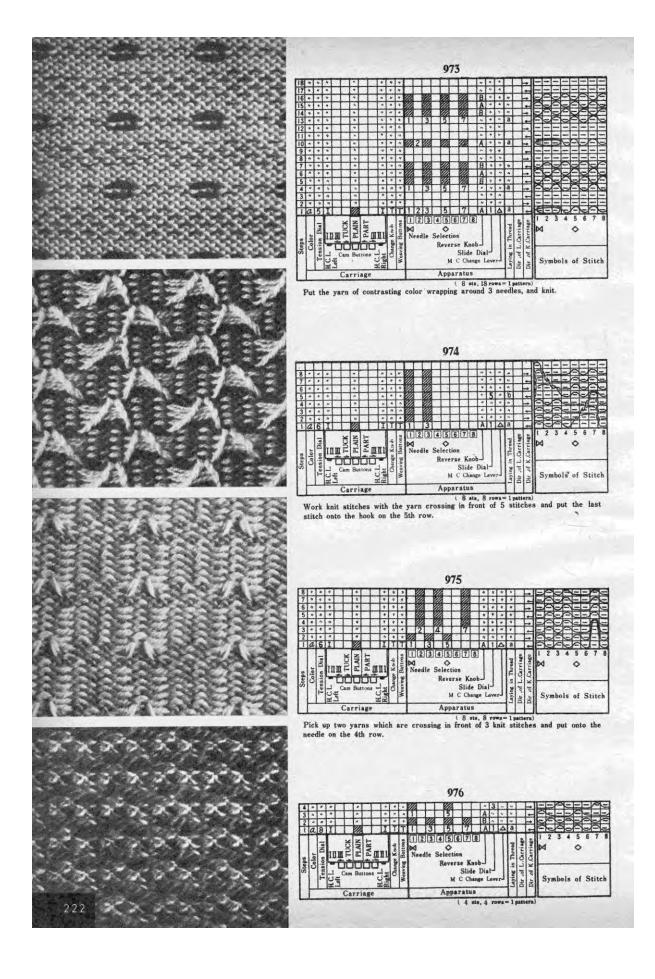


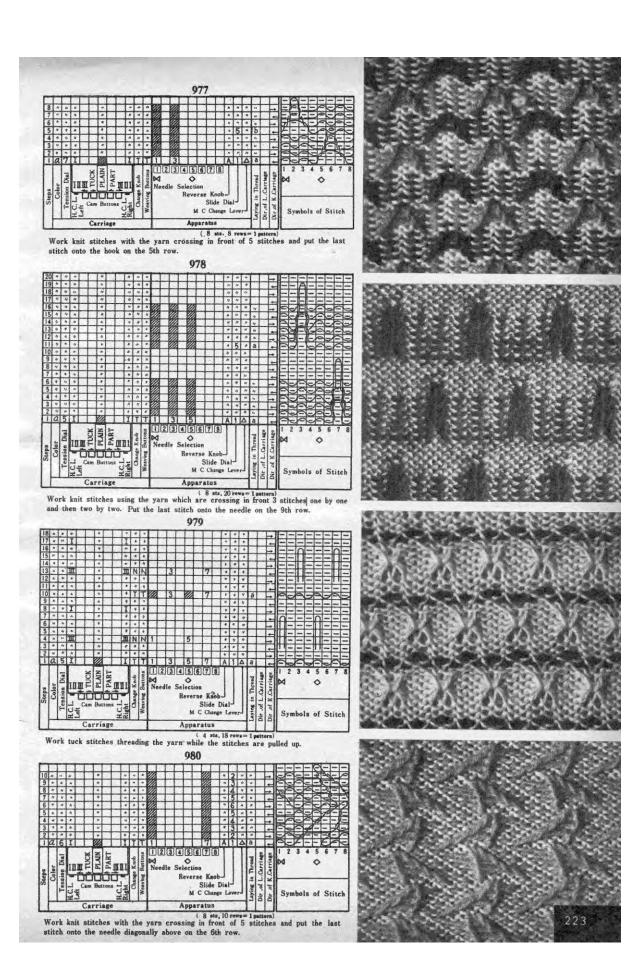


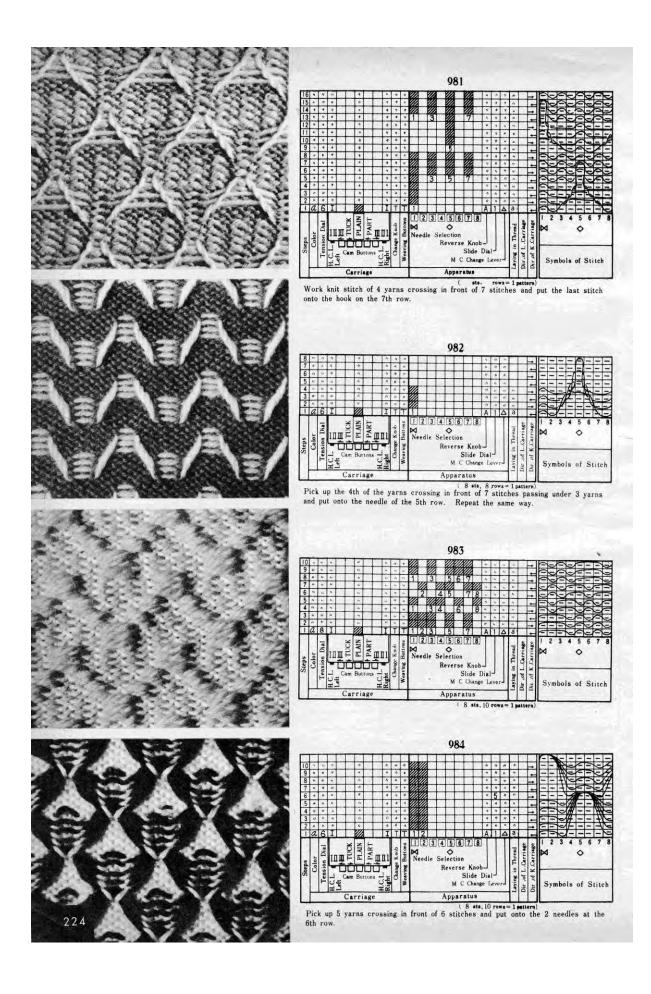


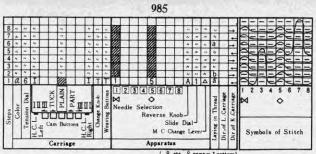




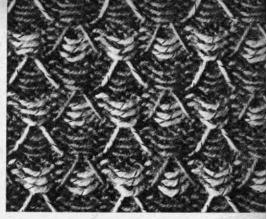








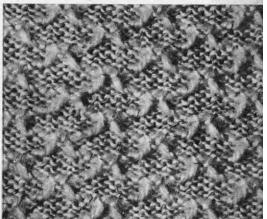
( 8 sts. 8 rows= 1 patters)
Pick up the lowest of the 4 yarns which are crossing in front of 3 stitches and put onto the needle on the 5th row.





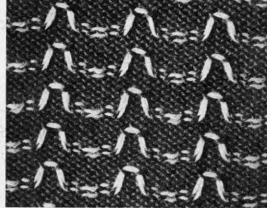
( 8 sts, 6 rows = 1 patters)

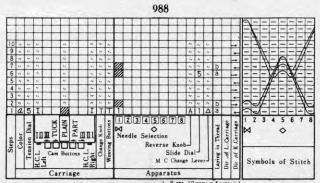
Put the yarns which are crossing in front of 3 knit stitches and put onto the needle on the 4th row.



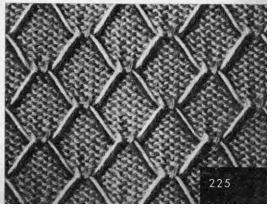


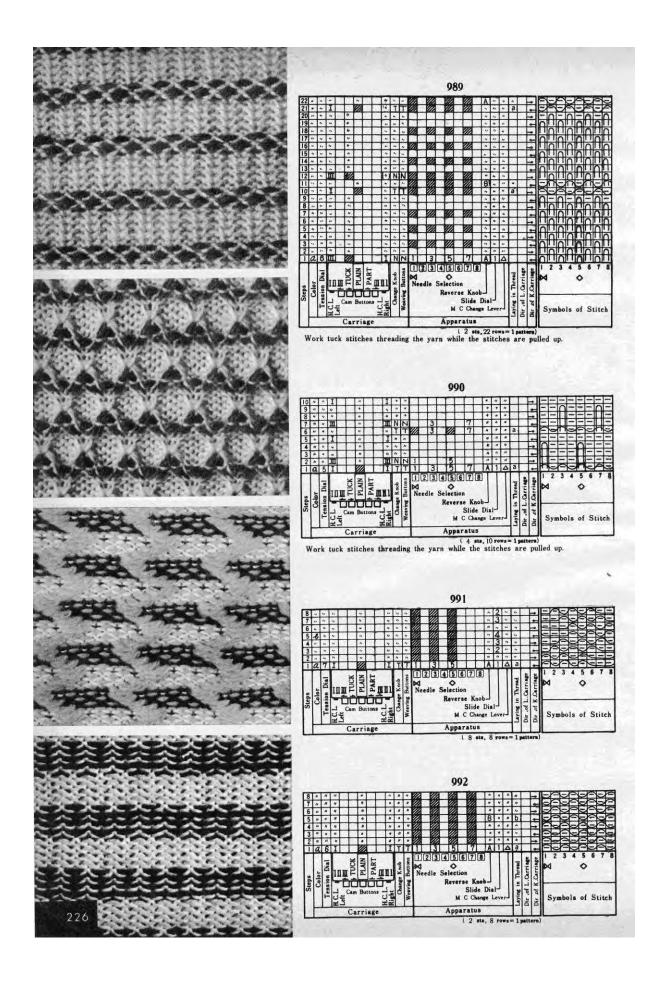
( 8 sts. 6 rows = 1 patters)
Pick up 2 yarns crossing in front of 4 stitches and put onto the 2 needles at the 5th row.

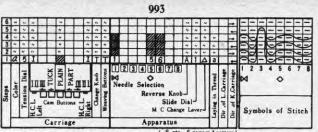




( 8 sts. 12 rews = 1 pattern)
Pick up two yarns which are crossing in front of 7 knit stitches and put onto the needle on the 8th row.

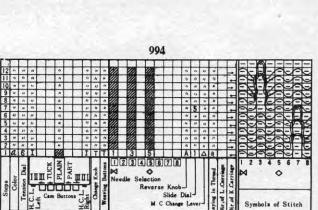






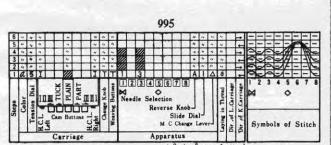
(8 sts. 6 rows - 1 patters)

Pick up two yarns which are crossing in front of 3 knit stitches and put onto the needle on the 5th row.

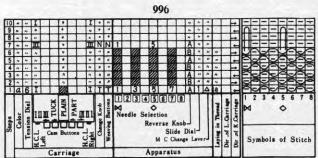


Apparatus ( 8 sts. 12 rows = 1 pattern)
Work knit stitch with 2 yarns which is crossing in front of the 6 stitches and put on the stitch onto the needle at the 7th row.

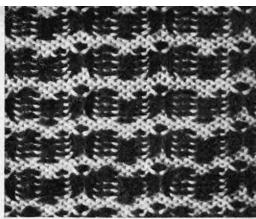
Symbols of Stitch

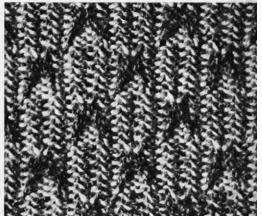


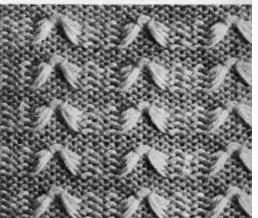
Pick up 4 yarns which are crossing in front of 3 knit stitches and put onto the needle on the 5th row.

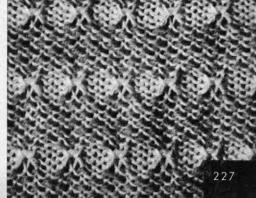


Every 6th row of weaving work tuck stitches.

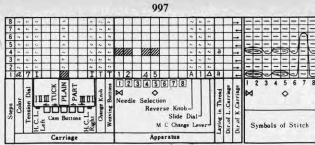




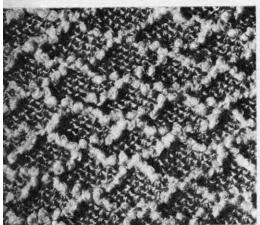




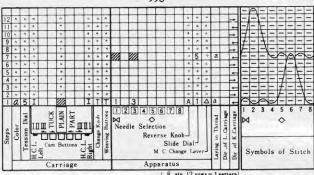




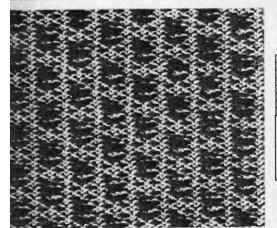
(8 sts. 8 rews=1 pattern)
Lay the yarn over the needles while you wrap the yarn around 2 needles and knit, then pick up the 2 yarns crossing in front of 3 stitches and put on the needle at the 6th row.



#### 998



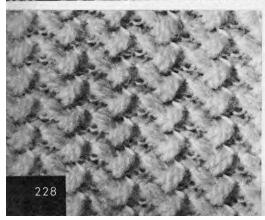
( 8 sts. 12 rows = 1 states)
Pick up two yarns which are crossing in front of 5 knit stitches and put onto the needle on the 5th row.



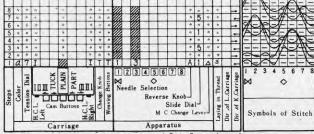
#### 999



8 sts, 8 rows = 1 pattern)

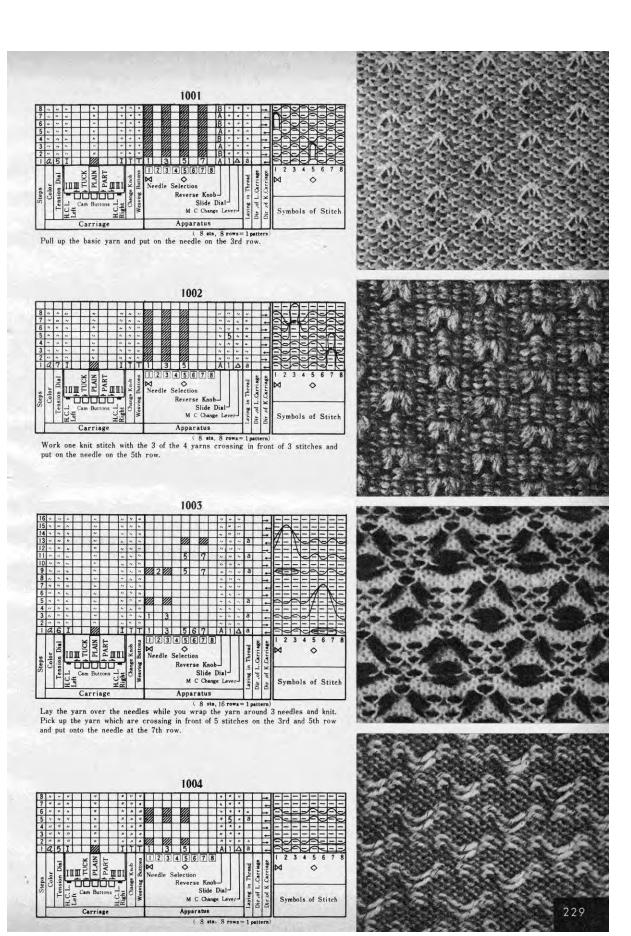


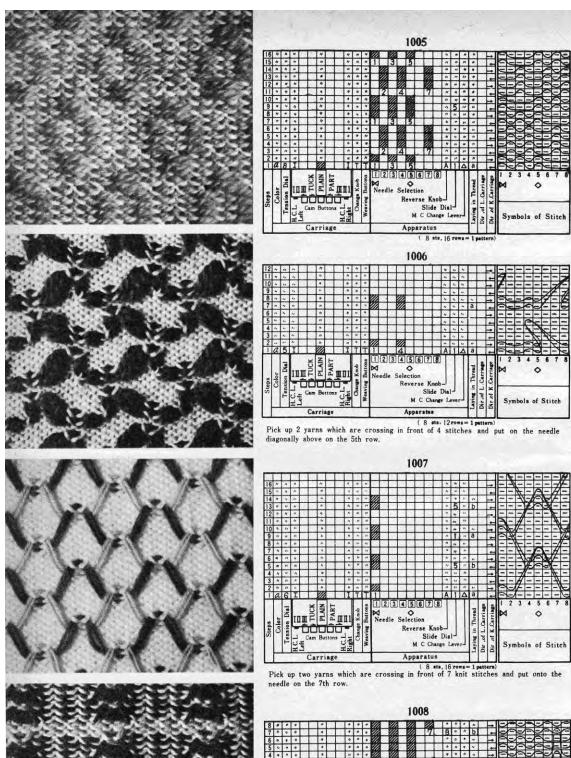
#### 1000



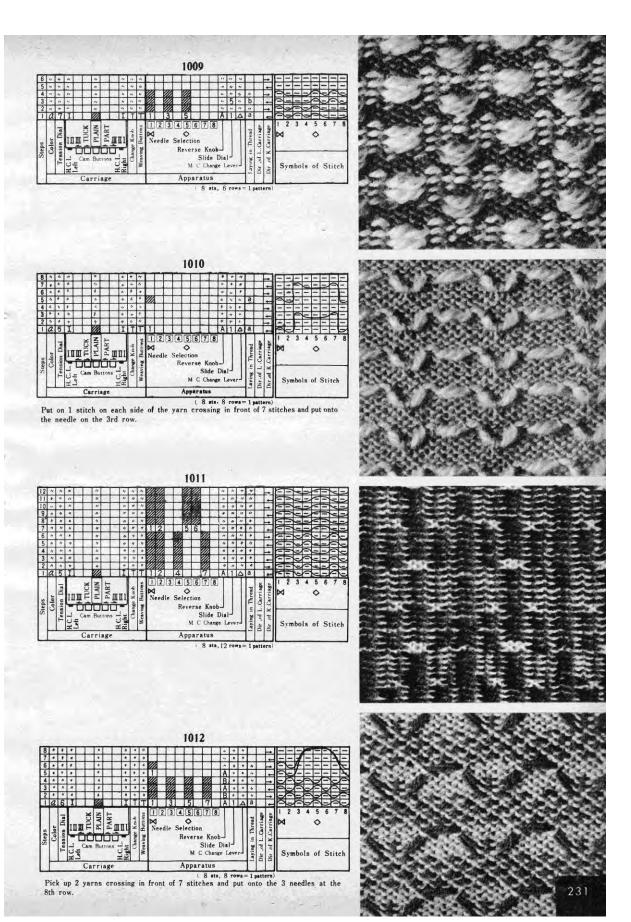
( 8 sts. 8 rows = 1 pattern

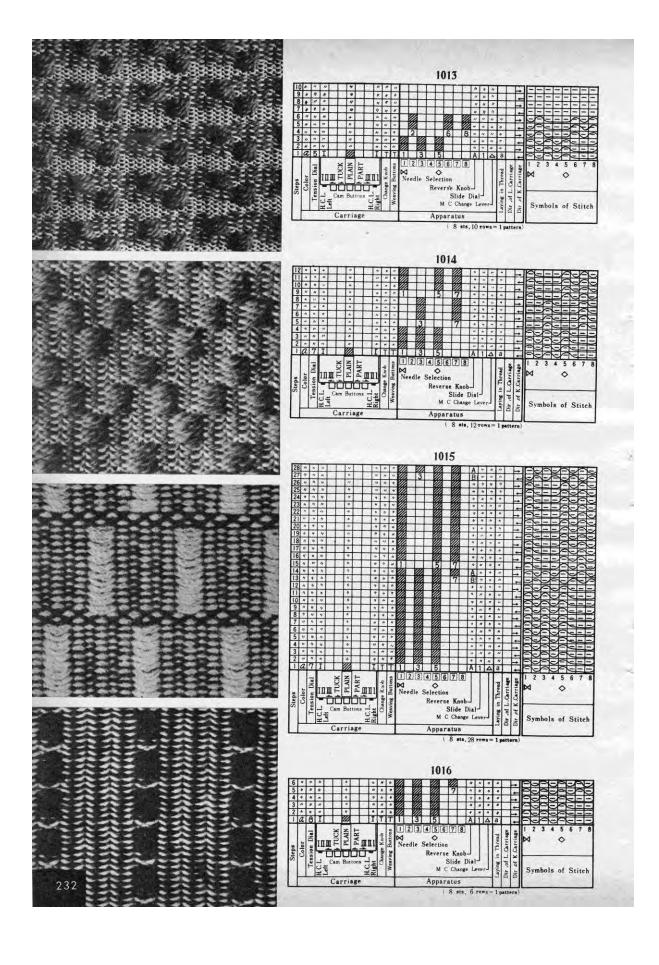
Pick up two yarns which are crossing in front of 5 knit stitches and put onto the needle on the 5th row.

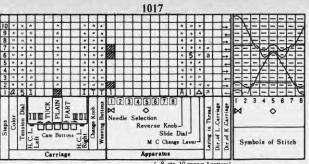




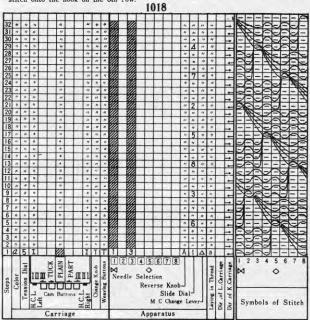
(8 sts. 8 rows - 1 patters)
Pick up the lowest of the 3 yarns which are crossing in front of 3 stitches and put onto the needle on the 4th row.



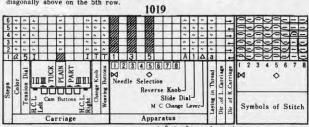




( 8 sts. 10 pws=1 pattern)
Work knit stitches with the yarn crossing in front of 7 stitches and put the last stitch onto the hook on the 6th row.

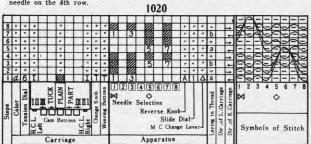


Pick up 4 yarns which are crossing in front of 5 stitches and put on the needle diagonally above on the 5th row.

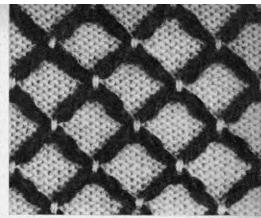


( 8 sts. 6 rows = 1 pattern)
Pick up 3 yarns which are crossing in front of 3 knit stitches and put onto the needle on the 4th row.

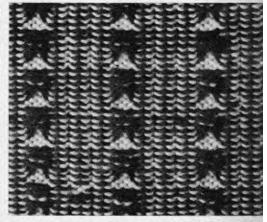
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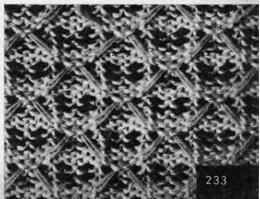


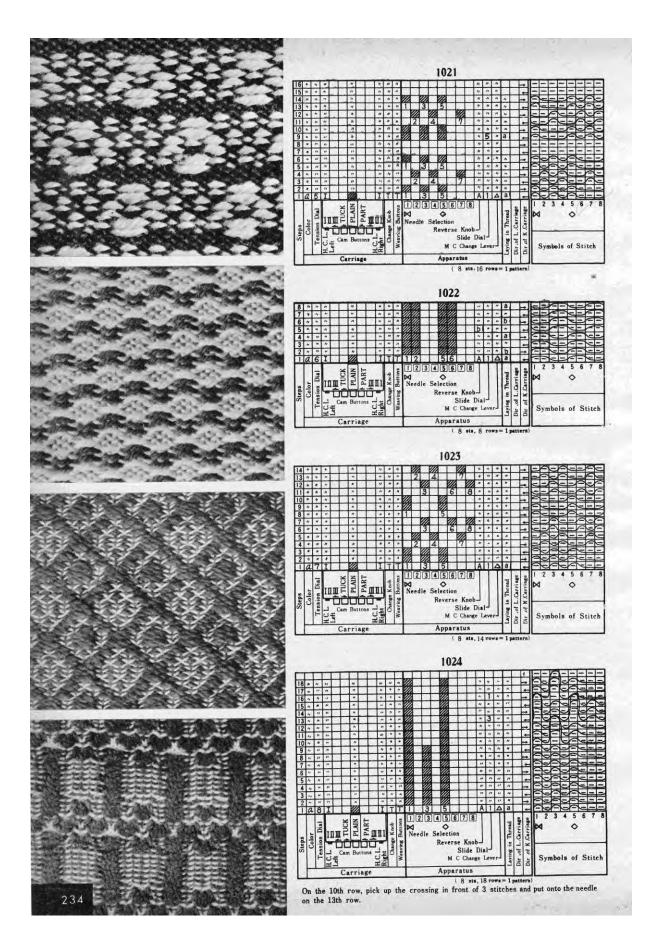
( 8 sts, 8 rows = 1 pattern)
Pick up two yarns which are crossing in front of 5 knit stitches and put onto the needle on the 5th row.

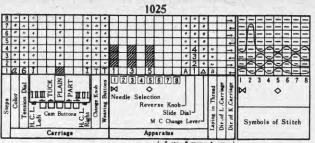






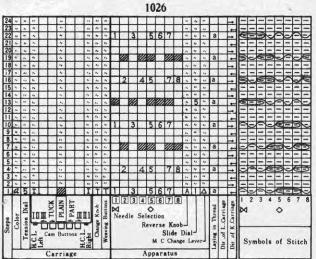




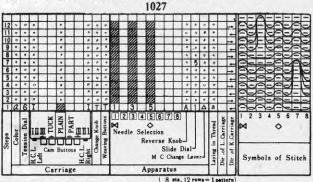


( 8 ats. 8 rows = 1 pattern)

Put the yarns which are crossing in front of 3 knit stitches and put onto the needle on the 7th row.



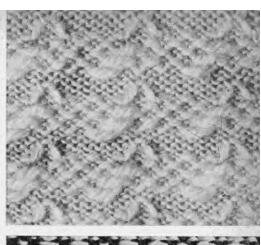
Lay the yarn while you wrap around the yarn on 2 and 3 needles and knit.

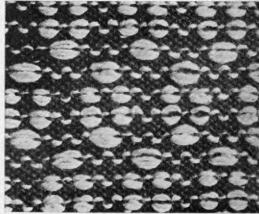


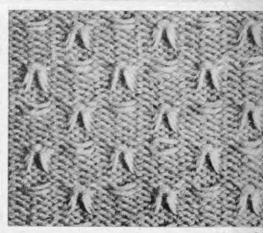
( 8 sts. 12 rows = 1 patters)
Pick up 4 yarns which are crossing in front of 3 knit stitches and put onto the needle on the 7th row.

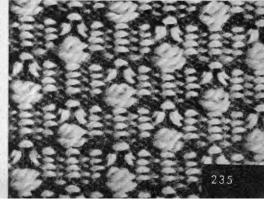
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Steps	Color	sion Dial	11	TUCK		PLAIN	PART	E 1111		nge Knob	ng Buttons	ng	ZX =			Sel	ec	tion	7 K					n Thread	.Carriage	.Carriage	- X	2	3	4	5	6	7	8
S		Carriage											Slide Dial M C Change Lever Apparatus									Laying i	Dir ,of I	Dir of N	Symbols of Stitch									
			_	- 1	U B I	LLI	age								A	pp	ar	atu	5															

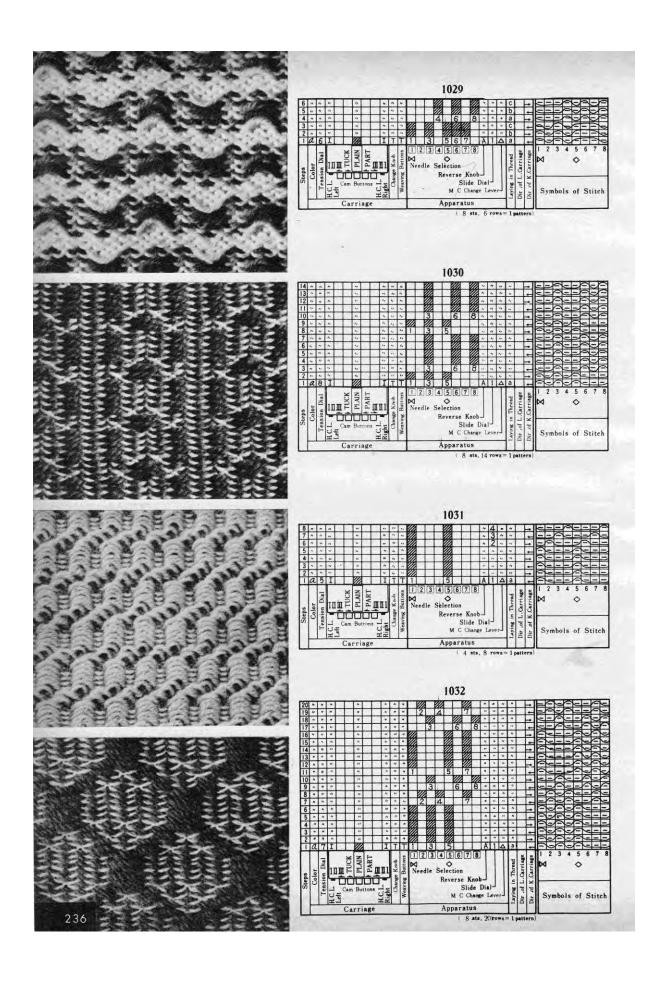
Work one knit stitch with the 2 of the 4 yarns crossing in front of 3 stitches and put on the needle on the 5th row.

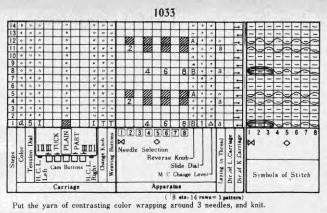


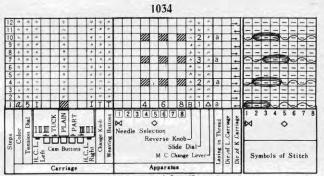




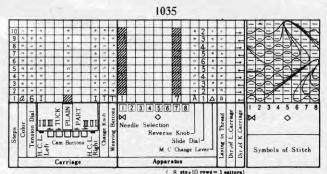




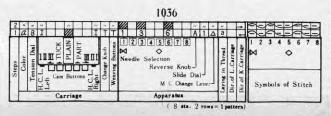


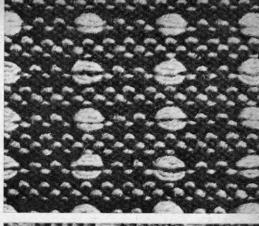


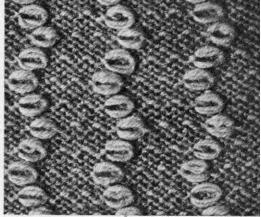
( 8 sts. 12 rows = 1 pattern)
Put the yarn of contrasting color wrapping around 3 needles, and knit.



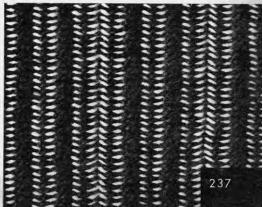
Pick up 5 yarns which are crossing in front of 5 stitches and put on the needle diagonally above on the 6th row.

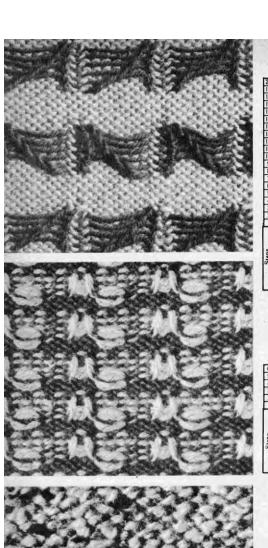


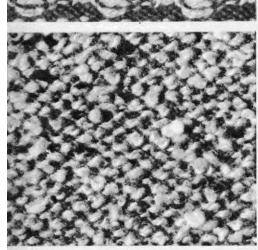


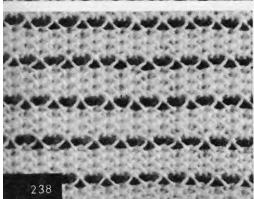












# 1037 Slide Dial Apparatus

(8 sts, 2070ws=1 pattern)
Work knit stitches with the yarn crossing in front of 7 stitches and put the last stitch onto the needle diagonally above on the 7th row.

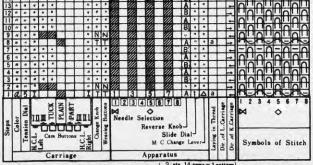
#### 1038 12345678 M O Needle Selection PLAIN PART Laying in Thread Dir, of L. Carriage Dir of K. Carriage 0 Reverse Knob-Slide Dial-M C Change Leve Apparatus

(8 sts. 6 rows = 1 patters)
Lay the yarn over the needles while you wrap the yarn around 3 needles and knit, then pick up the 2 yarns crossing in front of 3 stitches and put on the needle at the 5th row.

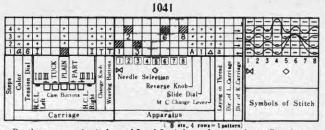
## 1039 0

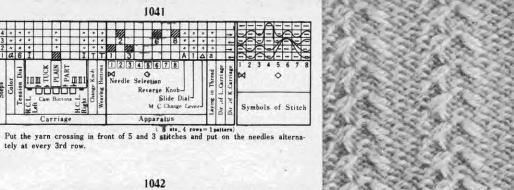
Carriage Reverse Knob Slide Dial M C Change Leve Symbols of Stitch Apparatus 2 sts, 2 rows = 1 patte

#### 1040

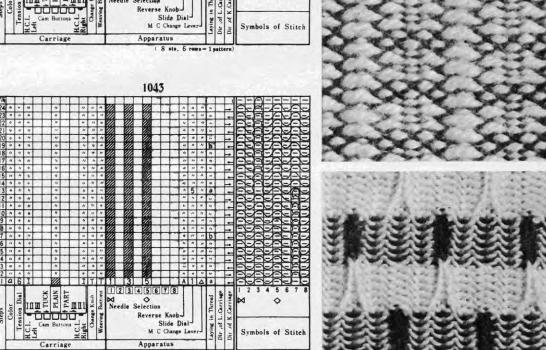


While you work tuck stitches, put the threading yarn at every 6th row and knit.





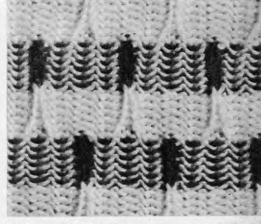


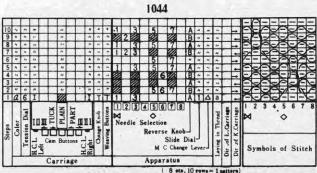


Symbols of Stitch

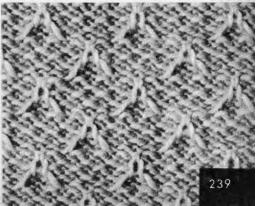
Apparatus 8 sts, 24 rews Work knit stitches with the yarn crossing in front of 3 stitches and put the last stitch onto the hook on the 13th row.

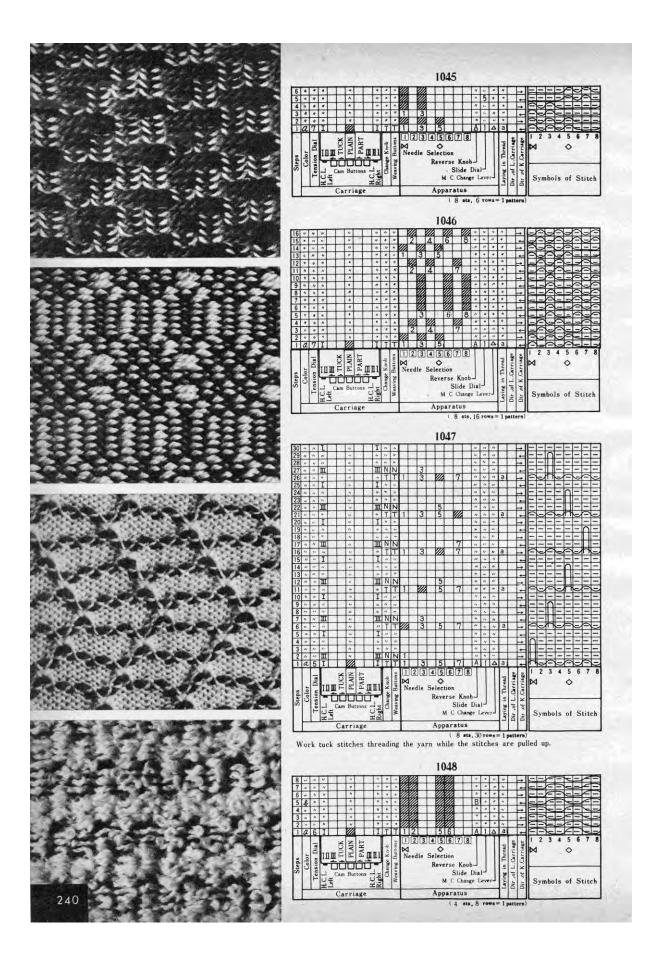
Reverse Knob Slide Dial M C Change Lever

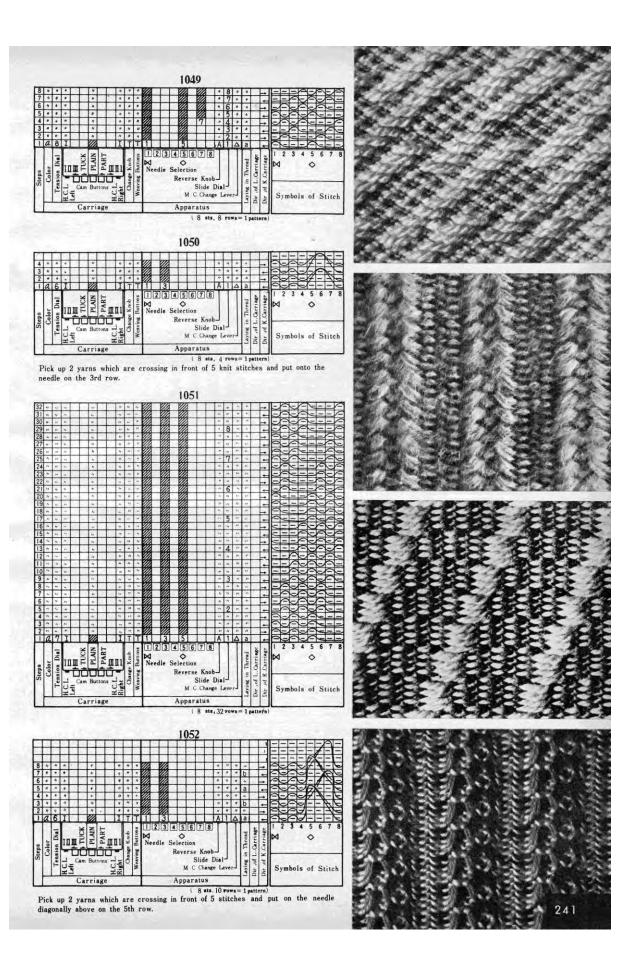


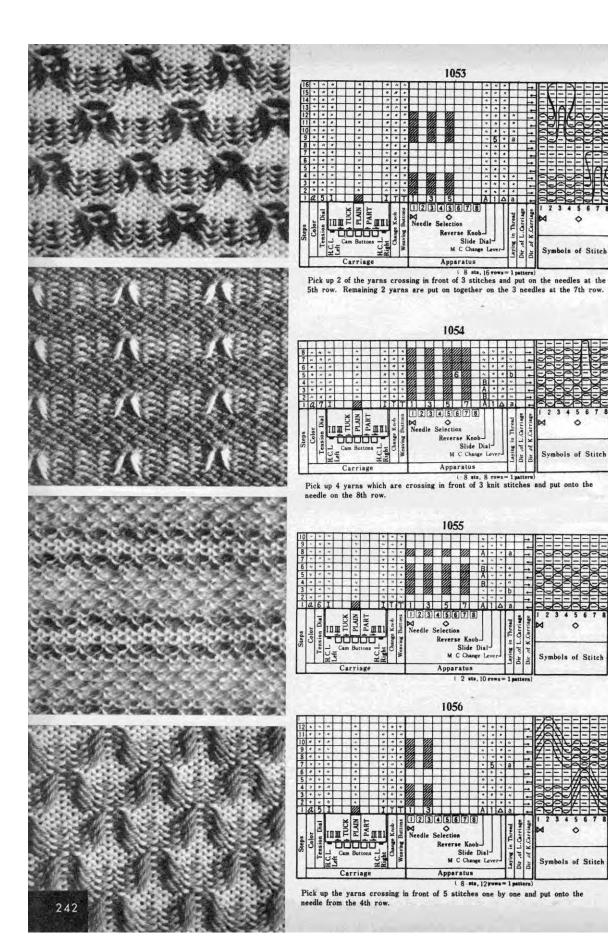


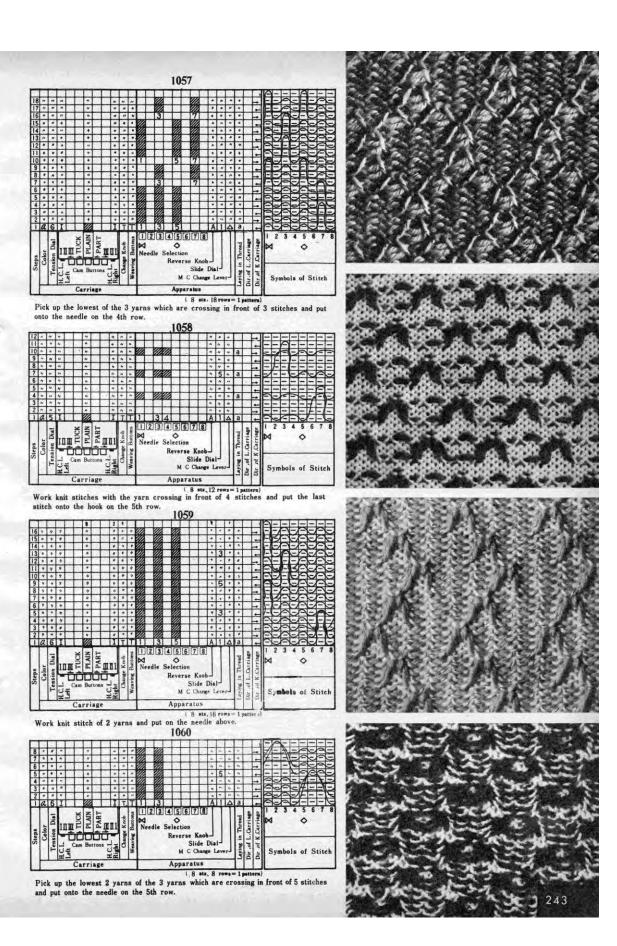
( 8 ets, 10 rows = 1 pattern)
Work knit stitches with the yarn crossing in front of 5 and 3 stitches and put on the needles at the 6th row.

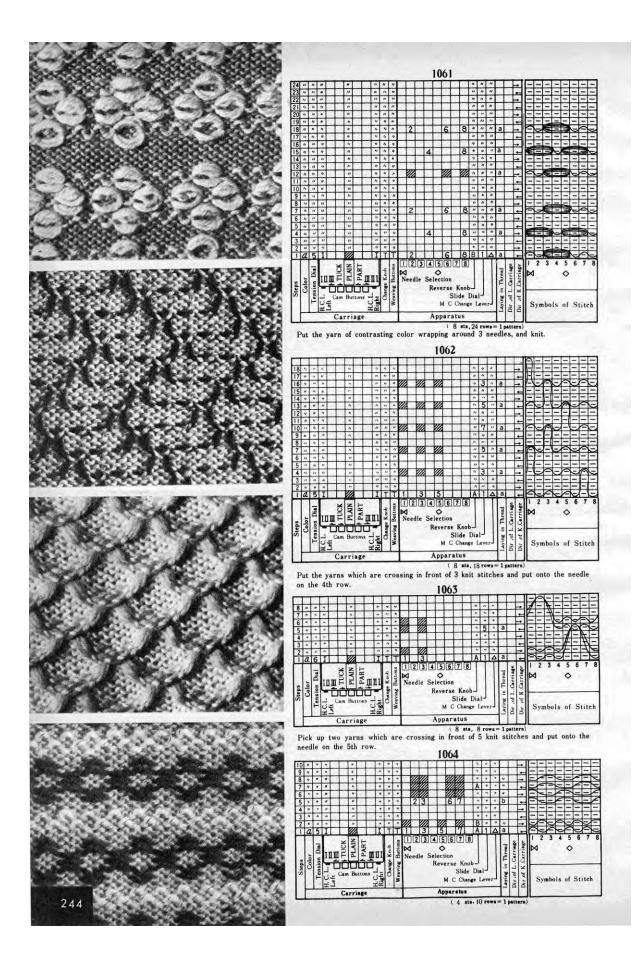


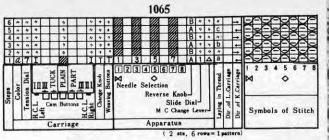


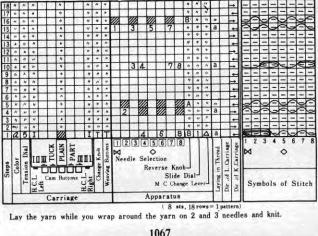








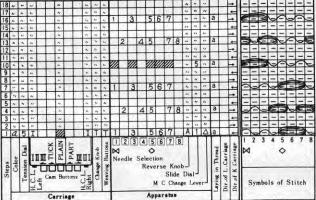




( 8 sts, 18 rows = 1 pattern)

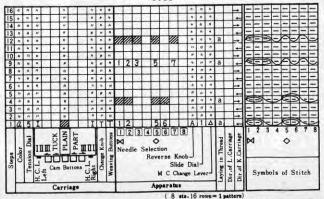
Lay the yarn while you wrap around the yarn on 2 and 3 needles and knit.

#### 1067

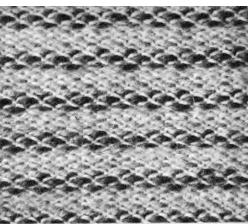


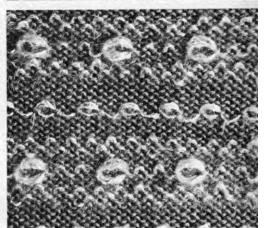
Lay the yarn while you wrap around the yarn on 2 and 3 needles and knit.

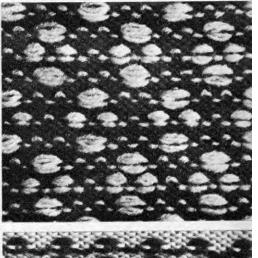
#### 1068

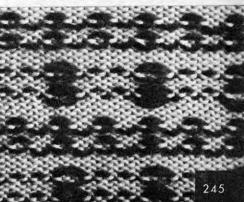


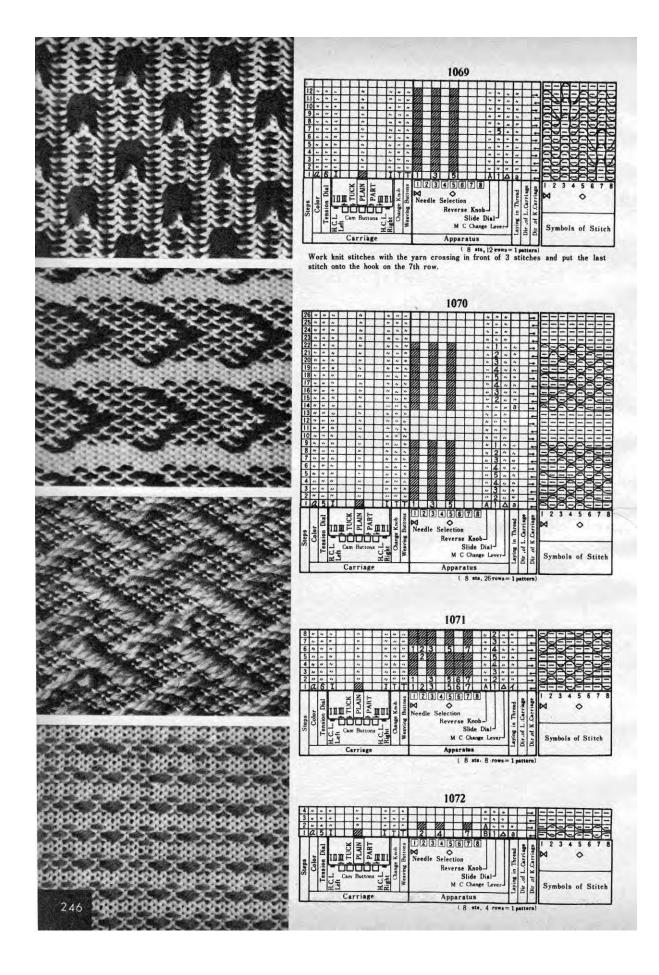
Lay the yarn while you wrap around the yarn on 2 and 3 needles and knit.

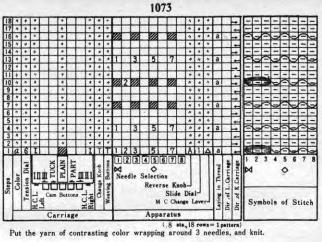




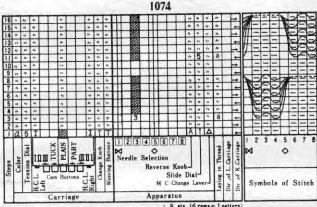




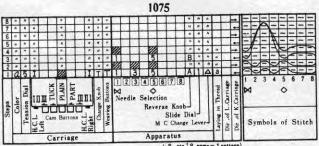




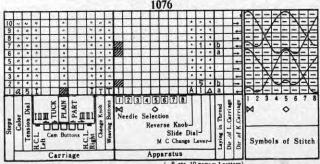
(,8 sta,18 rows= 1 pattern)
Put the yarn of contrasting color wrapping around 3 needles, and knit.



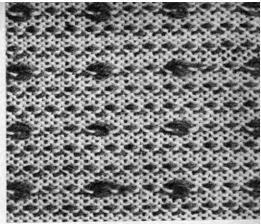
Take off the 3 stitches with a transfer tool at the 8th row, and put on the yarns crossing in front of 5 stitches.

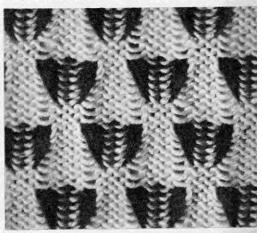


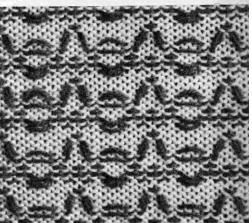
(18 sts. 8 rews = 1 pattern)
Pick up 2 yarns which are crossing in front of 3 knit stitches and put onto the needle on the 7th row.

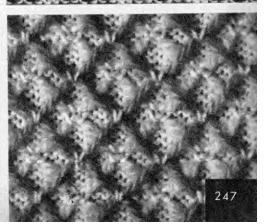


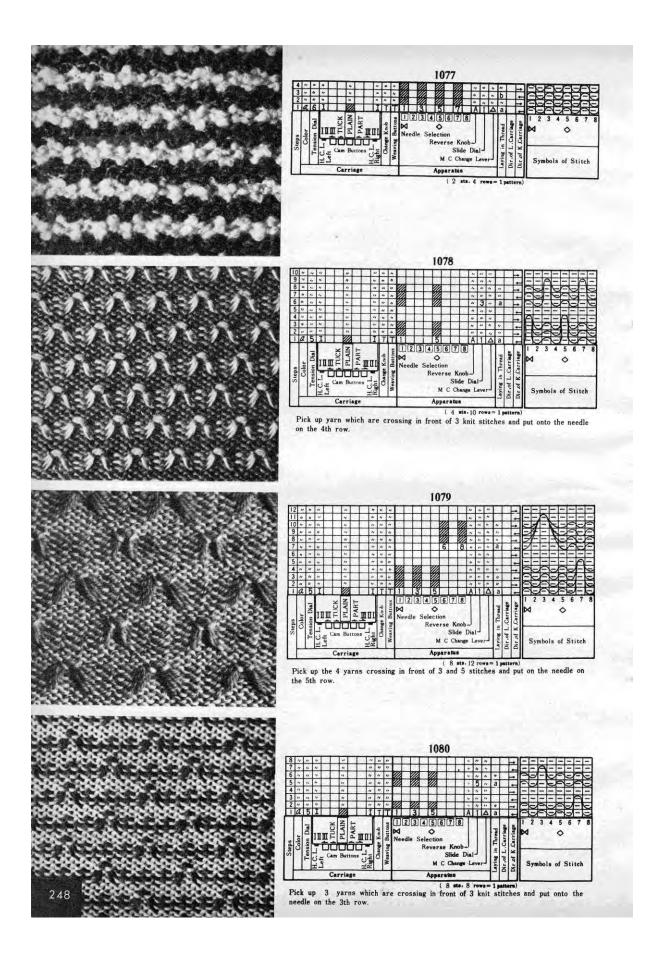
Put the yarns which are crossing in front of 7 knit stitches and put onto the needle on the 6th row.

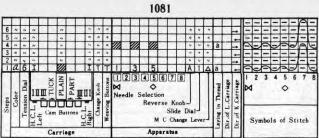






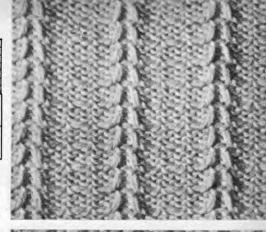


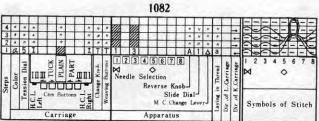




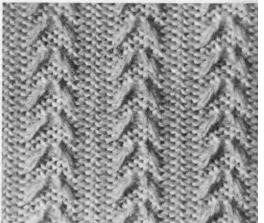
( 8 sts. 6 rows = 1 pattern)

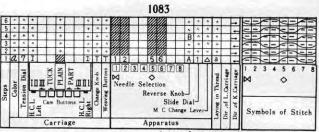
Put the yarns which are crossing in front of 3 knit stitches and put onto the needle on the 4th row.



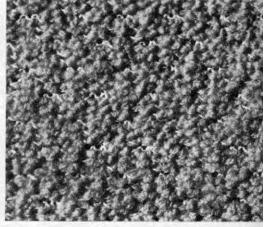


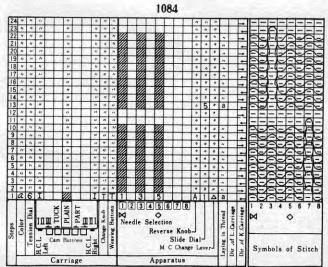
Work one knit stitch with the 2 of the 4 yarns crossing in front of 5 stitches and put on the needle on the 5th row.





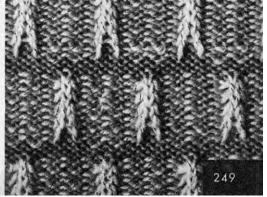
( 4 sts, 6 rows = 1 pattern)

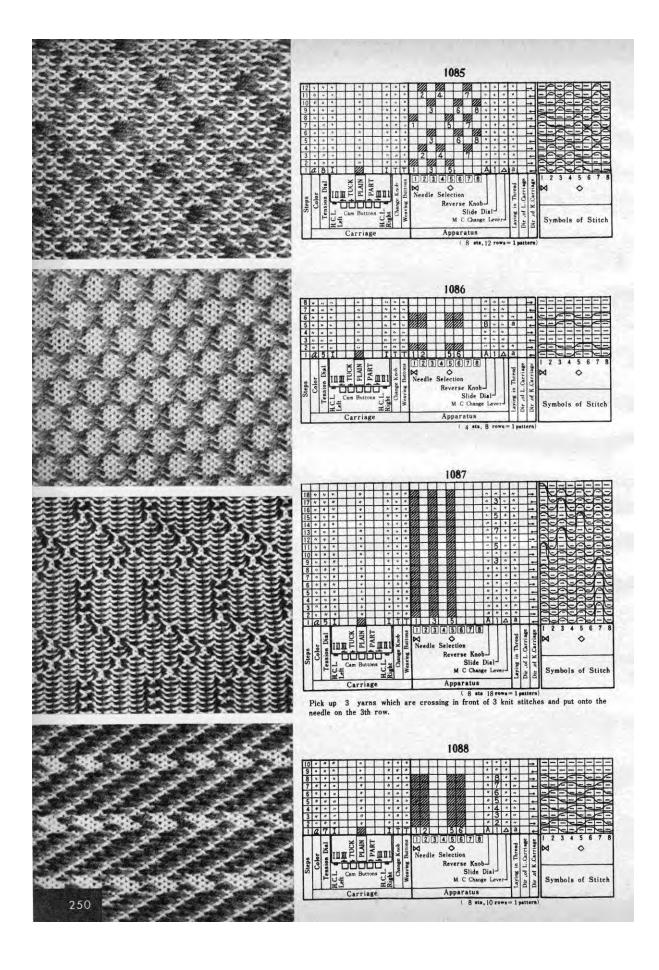


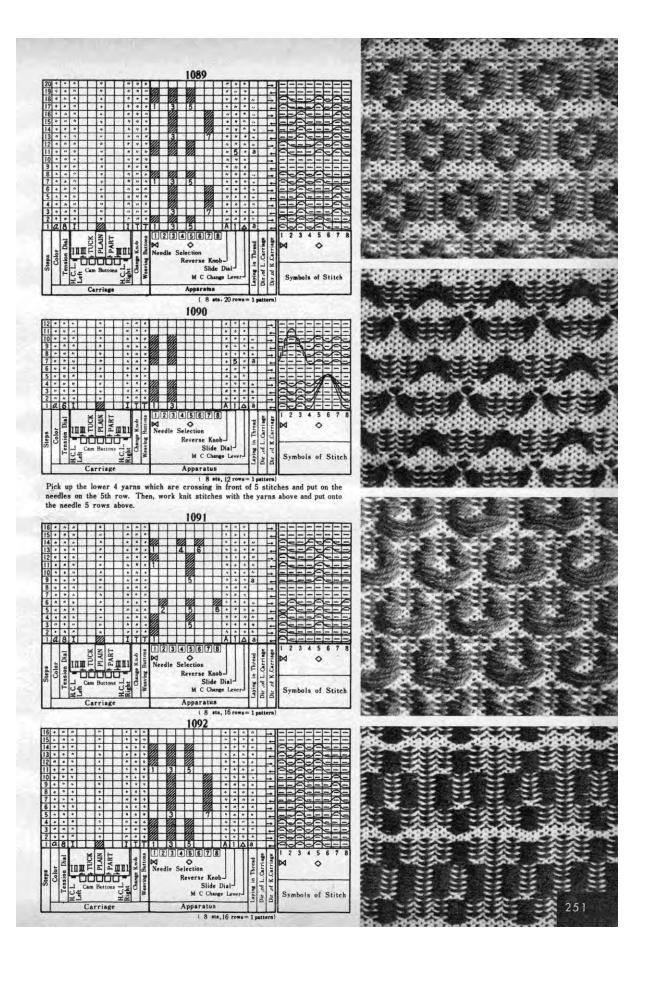


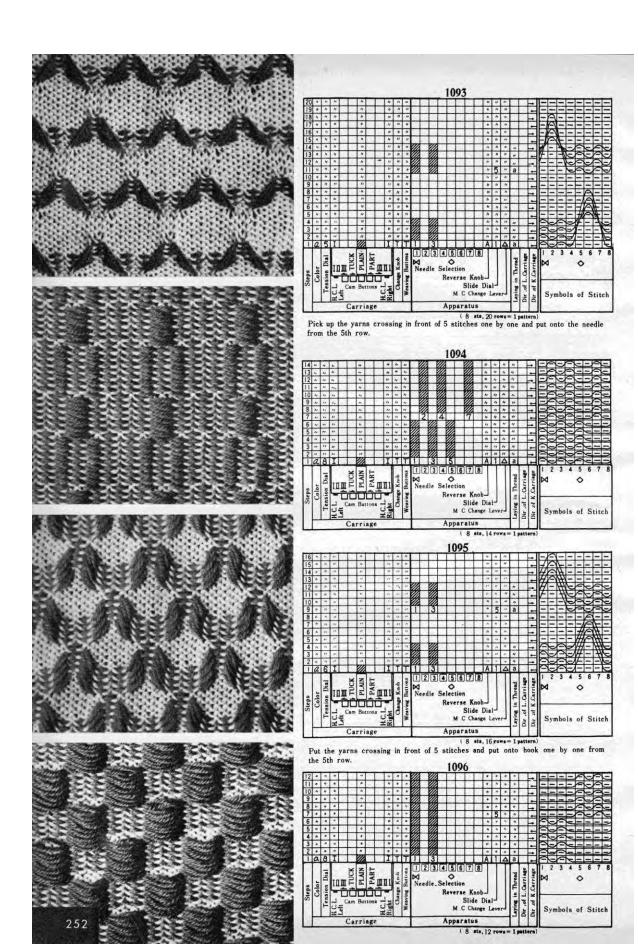
( 8 sts. 24 rows = 1 pattern)

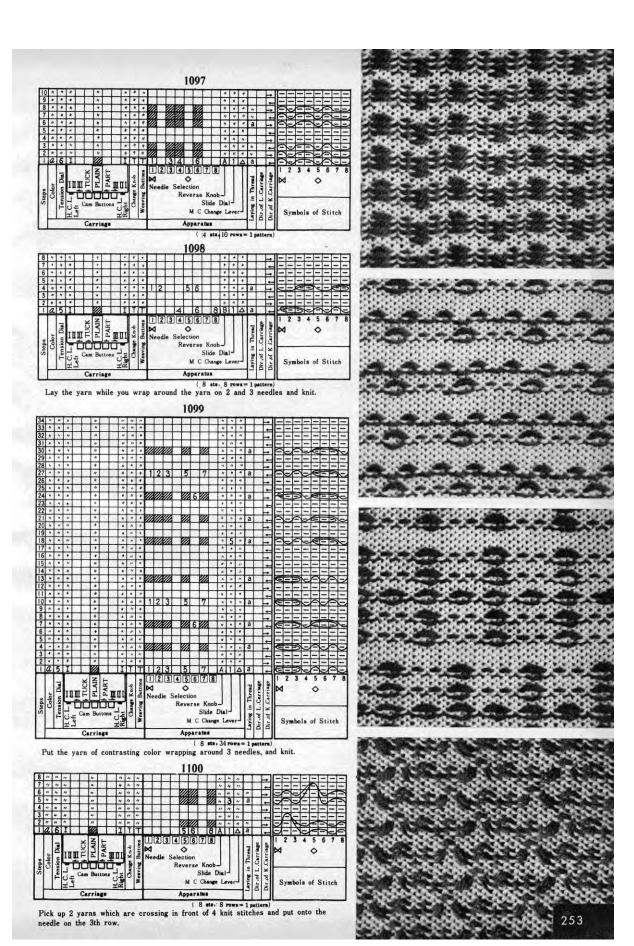
Take 2 yarns which are crossing in front of 3 stitches and work knit stitches from the 1st to the 10th. Then, hook it onto the needle of the 11th row.

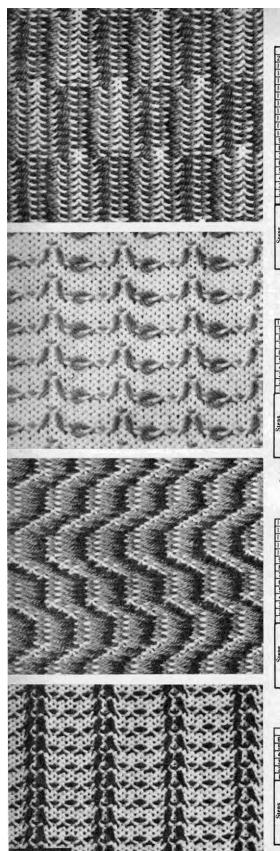


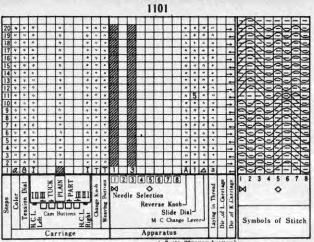








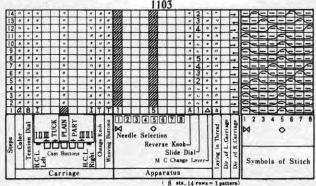




( 8 sts, 20 rows = 1 patters)

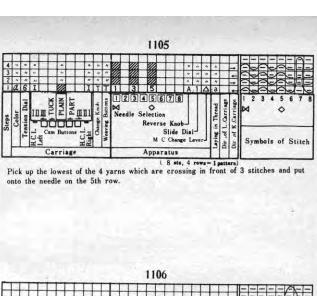
Pick up the yarns crossing in front of 5 stitches one by one and put onto the needle from the 2nd row.

Lay the yarn over the needles while you wrap the yarn around 3 needles and knit crossing in front of 3 stitches and put on the needle at the 4th row.





Put the yarns which are crossing in front of 3 knit stitches and put onto the needle on the 4th row.



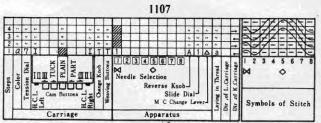


Reverse Knob

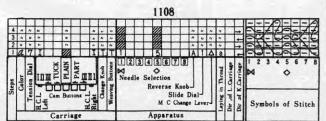
0

12345678 ⋈ ♦ Needle Selection

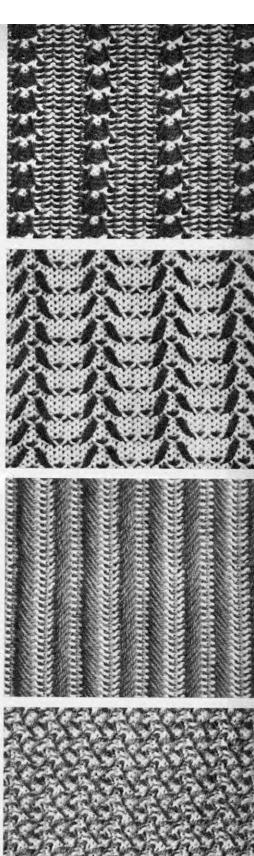
TUCK PLAIN PART

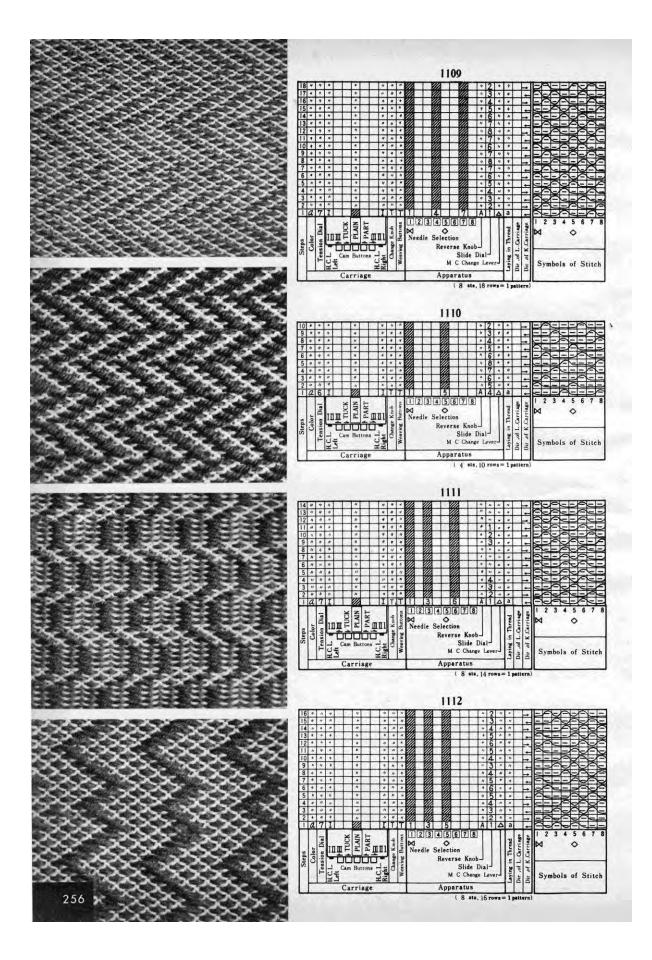


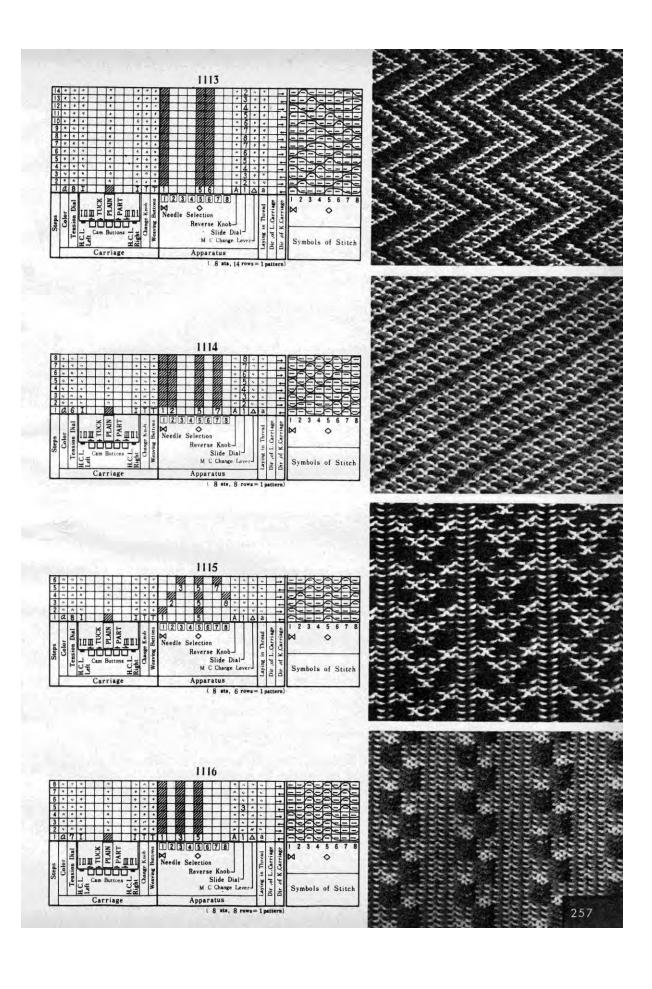
Put the yarns which are crossing in front of 7 knit stitches and put onto the needle on the 4th row.



(4 sts, 4 rows = 1 pattern)
Put one of the 2 yarns crossing in front of 3 stitches onto the needle diagonally above.







#### WOVEN-LACE PATTERN STITCHES

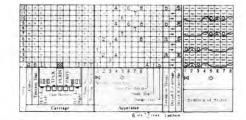
#### What is woven-lace patterns?

These unique pattern stitches are worked by combining the operations of the L-carriage which enables us to work lace patterns automatically and the weaving apparatus together.

#### Specialities of woven-lace patterns:

You can obtain very interesting pattern stitches which have specialities of both lace and weaving pattern stitches. It gives a special attraction in which the woven yarn appears like dots from the base of the open work.

#### How to work woven-lace patterns:



Carriage ...........Place at the right side.

L-Carriage ........ Place at the left side.

Yarn in feeder ...... Thread the yarn feeder with the yarn for knitting.

Tension dial......Set to 6.

Change lever .....Set both, left and right to I.

Cam buttons ..... "PLAIN".

Change knob ......Set to T

Weaving buttons ......Set to T.

Needle selection buttons.....Depress 1.

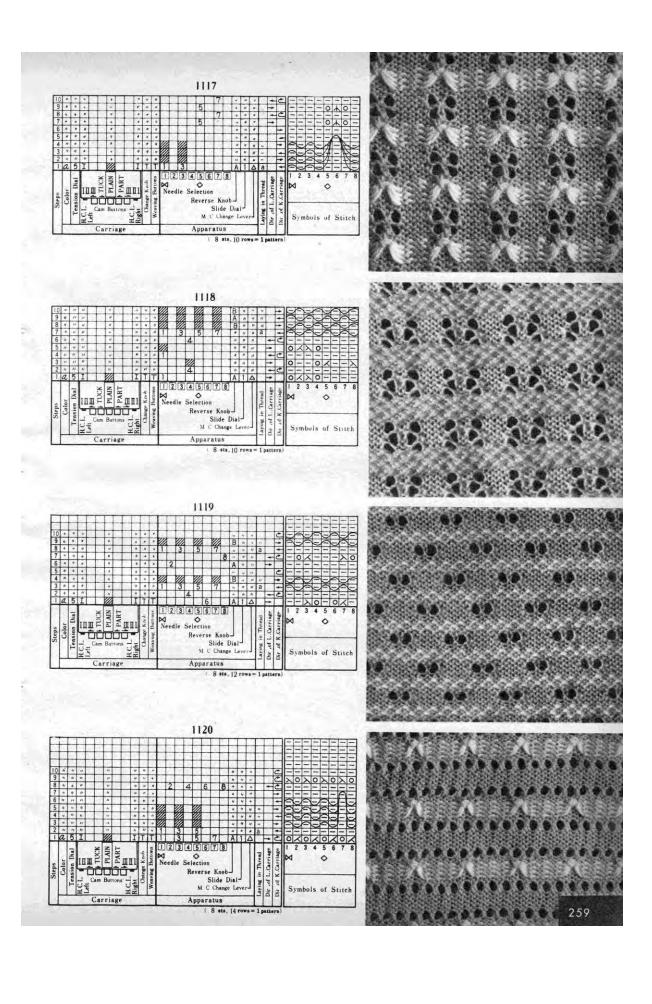
Reverse knob ......Set to A position.

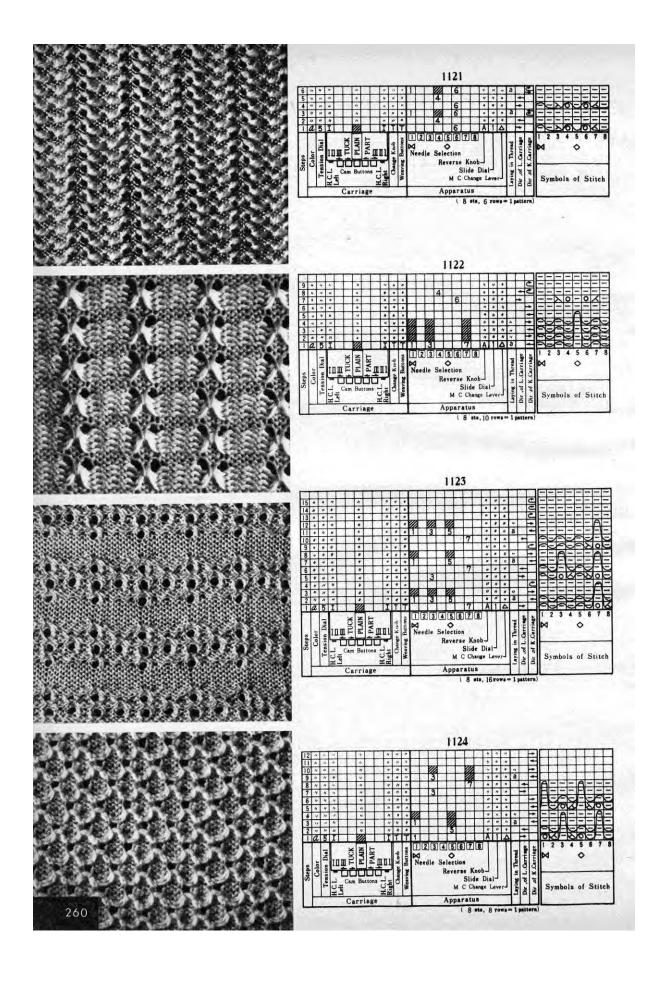
Slide dial .....Set to 1.

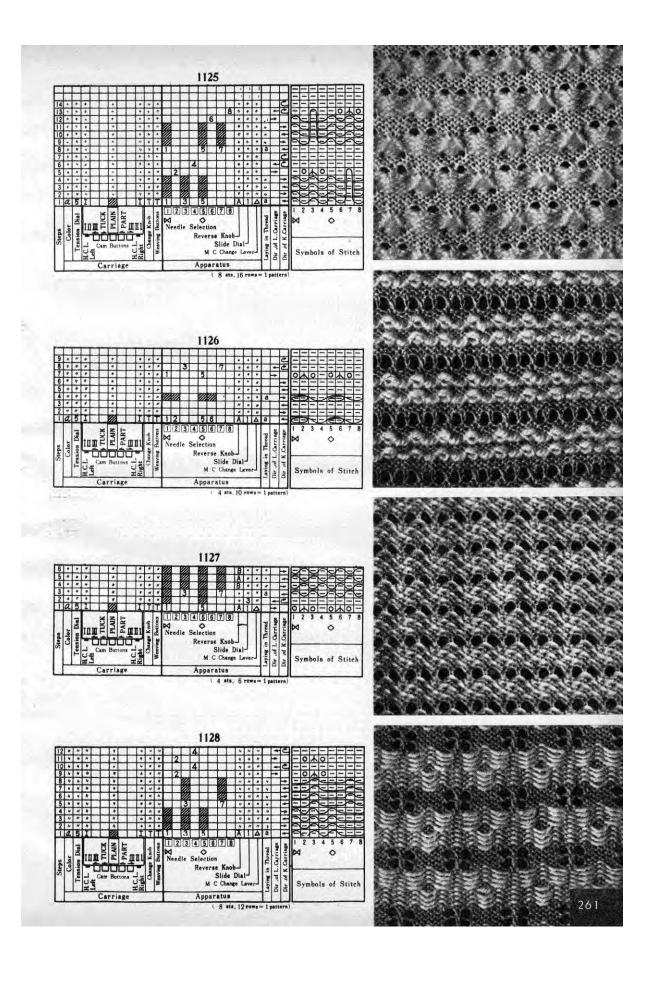
"MC" Change lever .......Set to A mark.

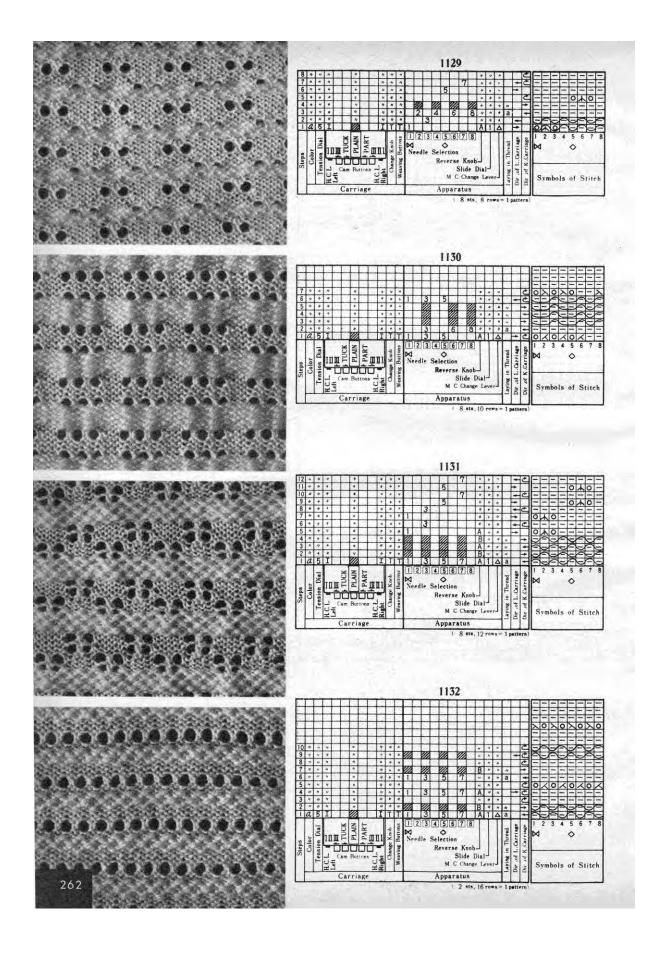
#### Order of operations:

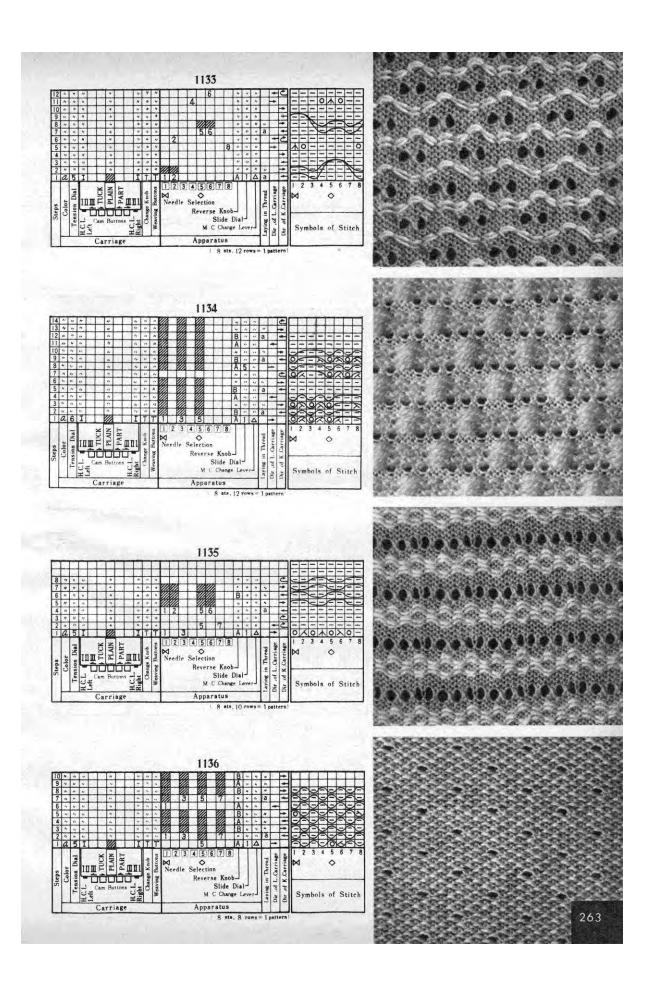
- 1. Select the needles using the set lever, then pass the L-carriage from right to left.
- Depress 3 of the needle selection buttons (releasing 6). Arrange the needles. Pass the 1carriage from right to left.
- 3. Depress 2, 4, 6 and 8 of Needle selection buttons (releasing 5 first). Arrange the needles and lay weaving yarn across the hooks of the arranged needles.
- 4. By holding the end of the weaving yarn operate the carriage from right to left and back (2 rows).
- 5. Depress 6 of the needle selection buttons (releasing previous ones), select the needles. Pass the L-carriage from left to right.
  - Depress 4 of the needle selection buttons (releasing 6). Arrange the needles. Pass the L-carriage from right to left.
- 6. Depress I, 3, 5, and 7 of Needle selection buttons (releasing 4), and arrange the needles Lay the yarn for weaving across the hooks of the selected needles.
- Holding the end of the threaded yarn operate the carriage from left to right and back (2 rows).
- 8. Depress 7 of Needle selection buttons (releasing previous ones) and arrange the needles. Pass the L-carriage from left to right.
  - Depress 3 of Needle selection buttons (releasing 7), and arrange the needles. Pass the 1-carriage from right to left.
- 9. Depress 2, 3, 5 and 8 of the needle selection buttons (releasing 3). Arrange the needles. Lay the yarn for threading across the hooks of the arranged needles.
- Holding the end of the threaded yarn operate the carriage from right to left and back (2 rows).
- Depress 8 of Needle selection buttons (releasing previous ones), and arrange the needles.
   Pass the L-carriage from left to right.
- Depress 2 of Needle selection buttons (releasing 8) and arrange the needles. Pass the Lcarriage from right to left.
  - Depress Needle selection buttons 1, 3, 5 and 7 (releasing 2), and arrange the needles. Lay the yarn for weaving across the hooks of the arranged needles. Holding the end of the yarn, operate the carriage from left to right and back (2 rows).
- \* Repeat steps 1 to 11.

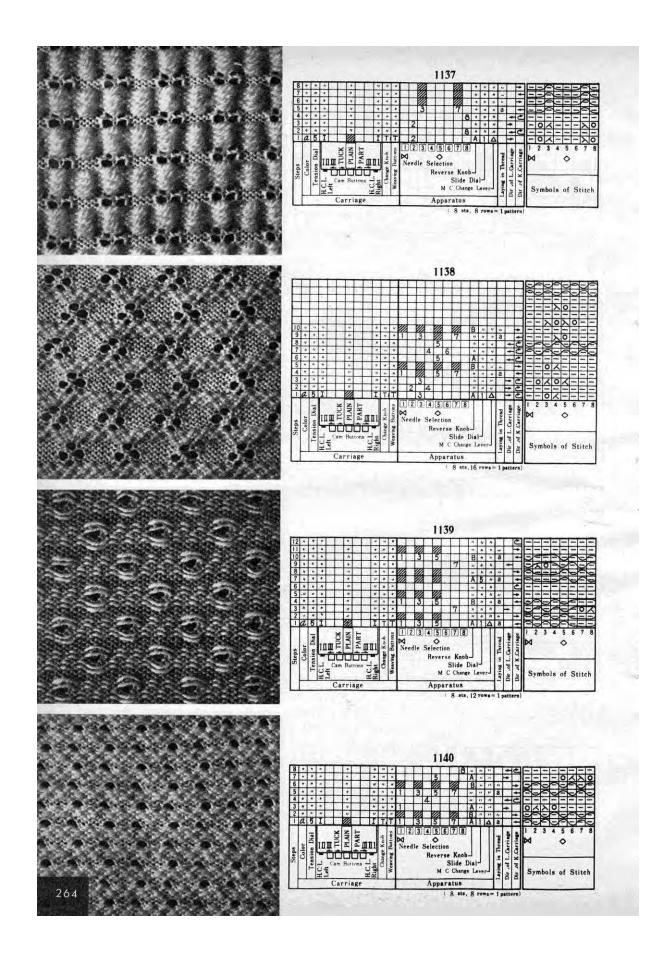


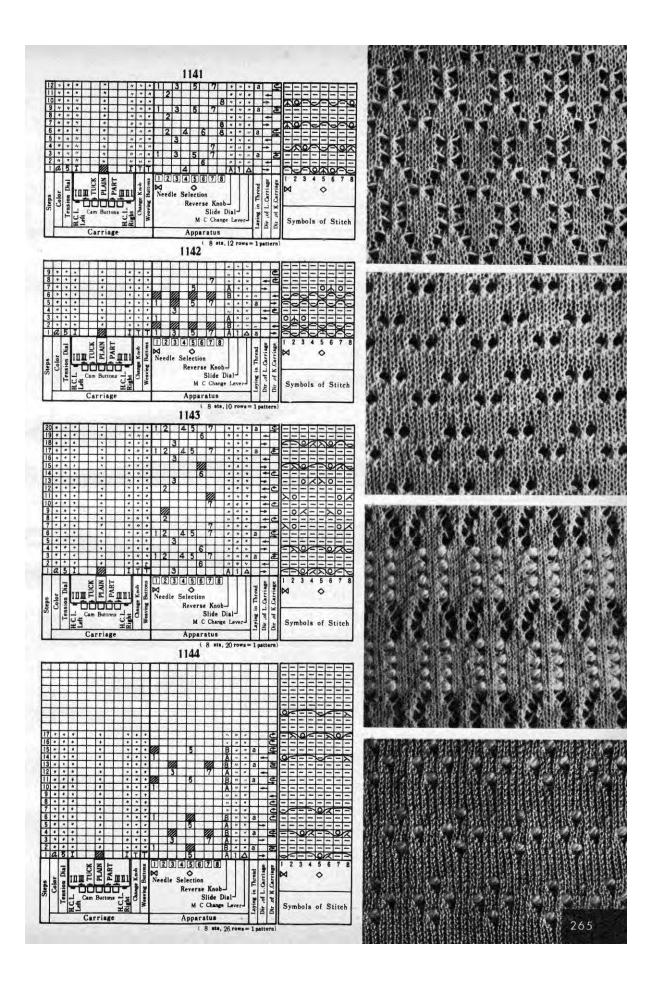


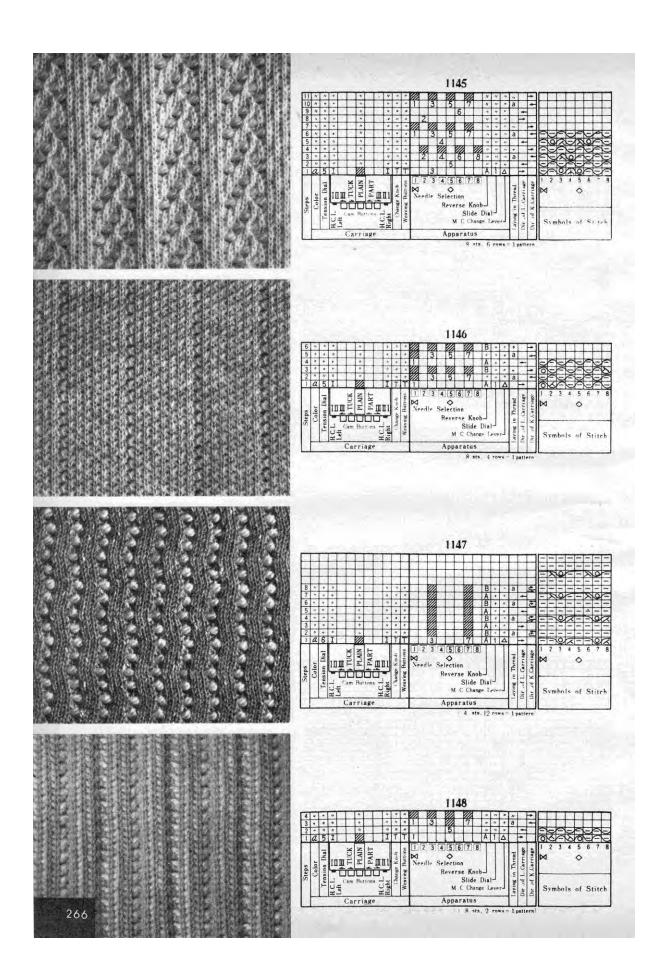


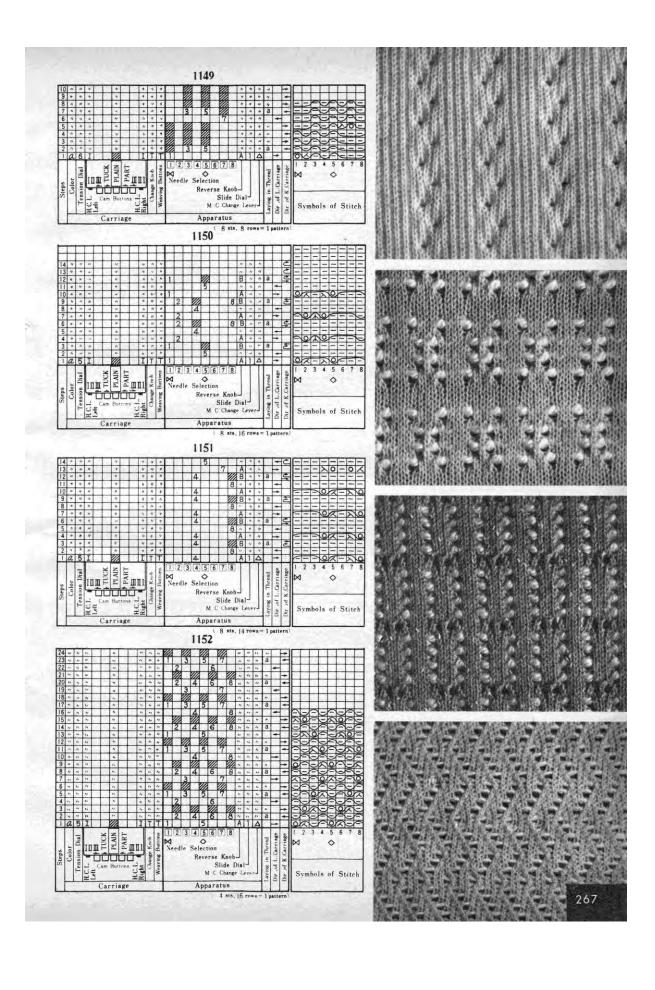


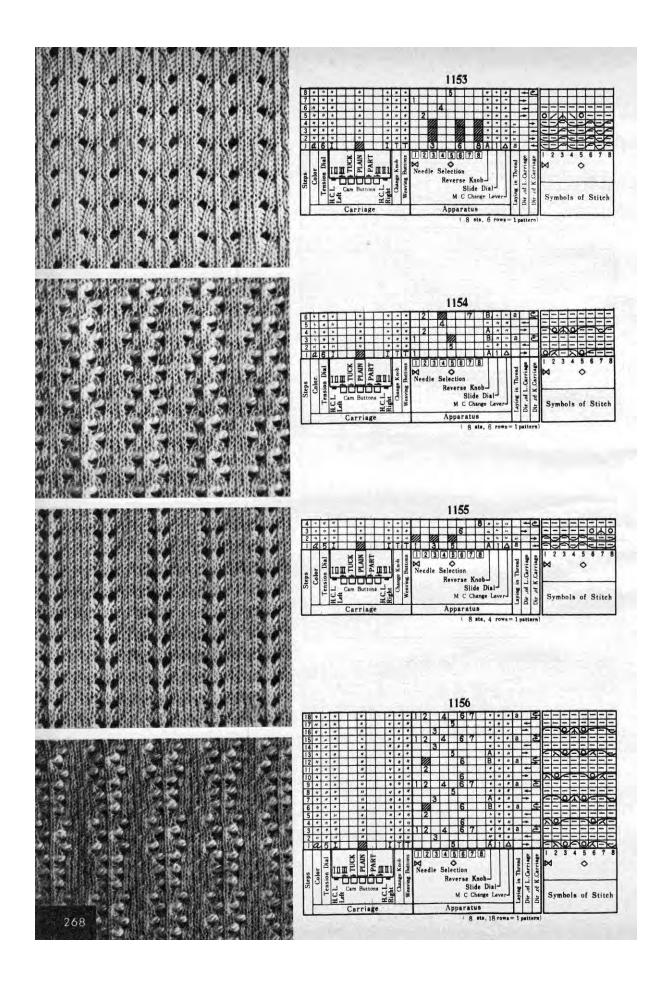


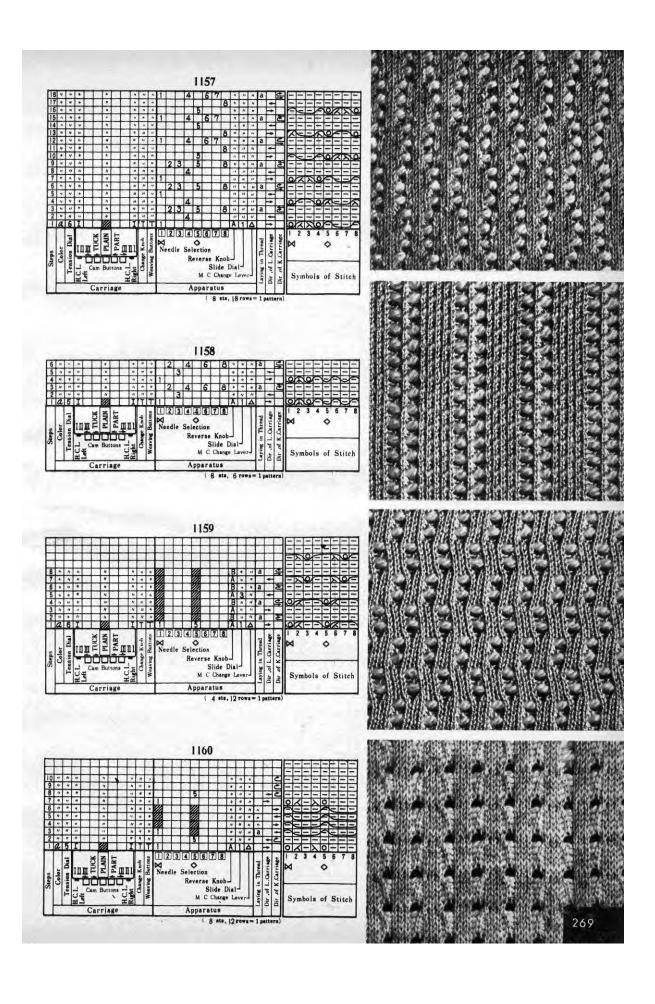


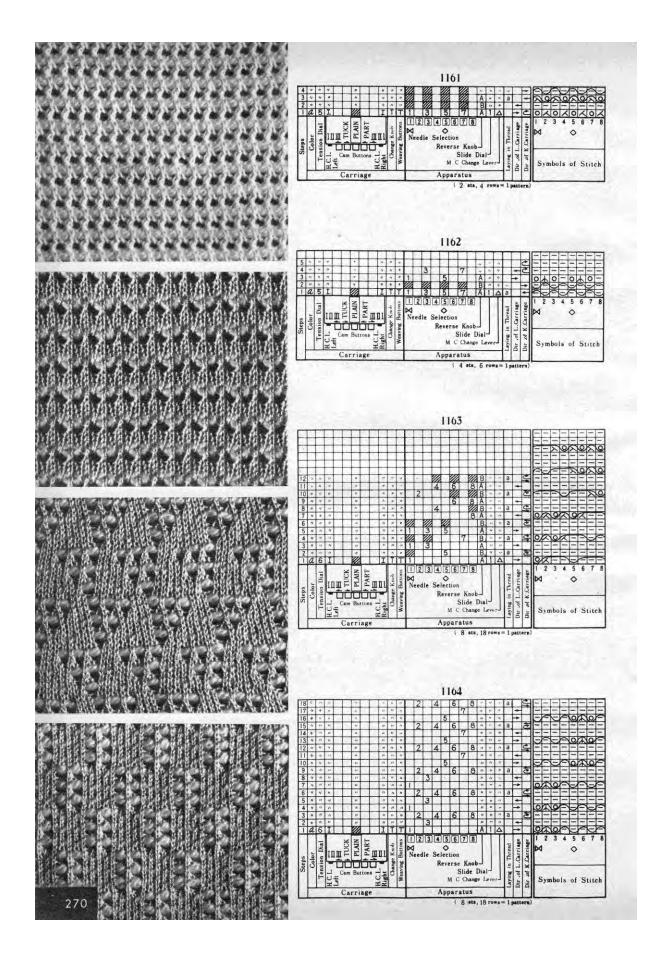


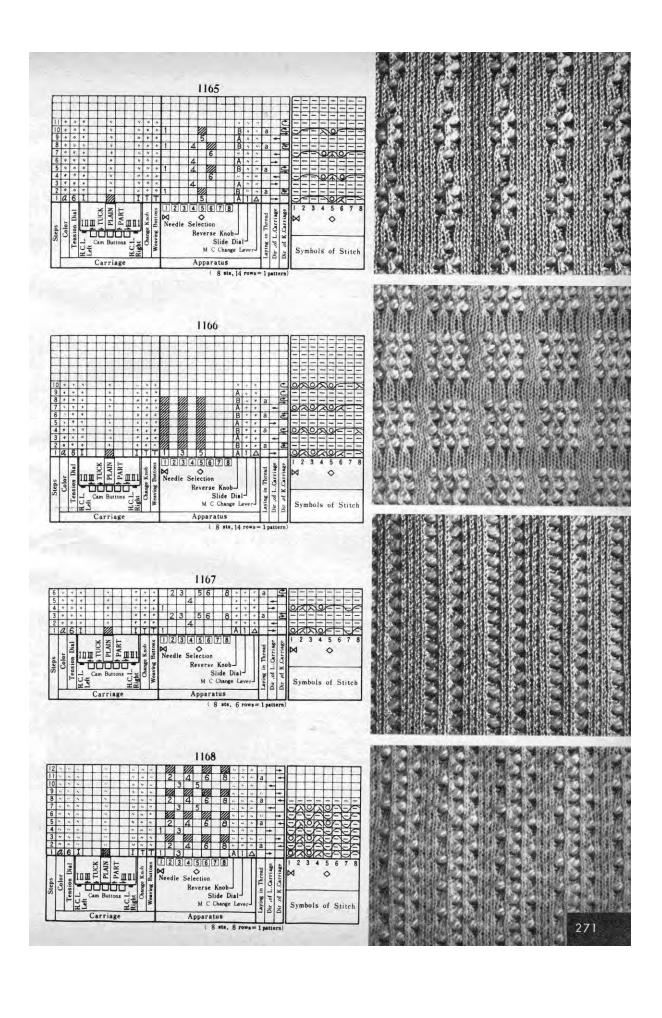












# EMBROIDERY KNITTING

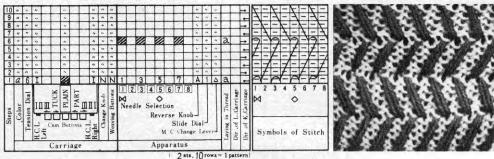
What is Embroidery Knitting?

With embroidery knitting the wools for embroidery are woven in between the stitches. The difference between the weaving and embroidery knitting is that with embroidery knitting the wool in contrasting colour is used vertically to the direction of the rows, while with thread knitting the wool in contrasting colour is woven in along the rows.

Features of Embroidery Knitting:

With embroidery knitting you are able to knit original pattern stitches. Especially, all kinds of beautiful pattern stitches can be worked easily using the operation of the pattern Centre in combination.

How to work Embroidery stitches:



Carriage .......Place at the right side. Yarn in the feeder ..... Thread the yarn feeder with the yarn for the garment.

Tension dial.....Set at 6. Holding cam levers ..... Set both levers at

Can buttons	Set "PLAIN".
Change knob	Set to N.
Weaving buttons	Set to N.
Reverse knob	Set to A.
Slide dial	Set to 1.
"MC" Change lever	Set to \( \triangle \text{ mark}

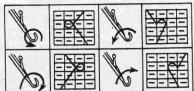
Order of operation:

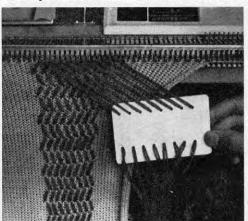
- 1. Select the needles in that condition. Place the wools for embroidery on the latches of the needles as illustlated by the photo. Then, operate the K-carriage from right to left.
- Operate the carriage from left to right.
- 3. Operate the carriage from right to left.
- Operate the carriage from left to right. 4.
- Operate the carriage from right to left. 5.
- Select the needles in that condition. Place the wools for embroidery from right to left on the needles refering the symbols below and operate the K-carriage from left to right.
- Operate the carriage from right to left.
- Operate the carriage from left to right.
- Operate the carriage from right to left. 9.
- Operate the carriage from left to right. 10.

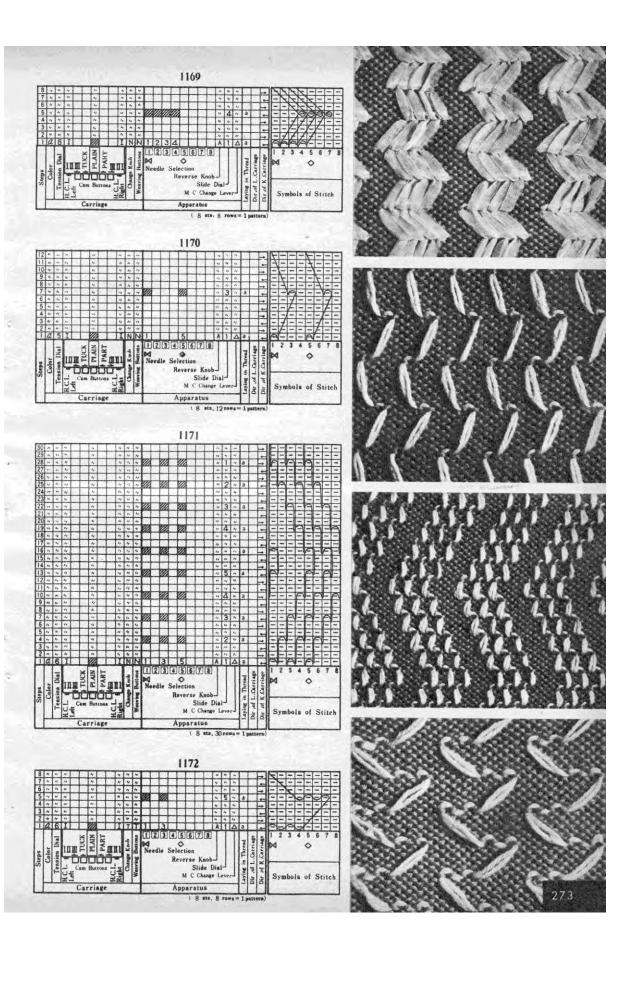
Note on Embroidery knitting:

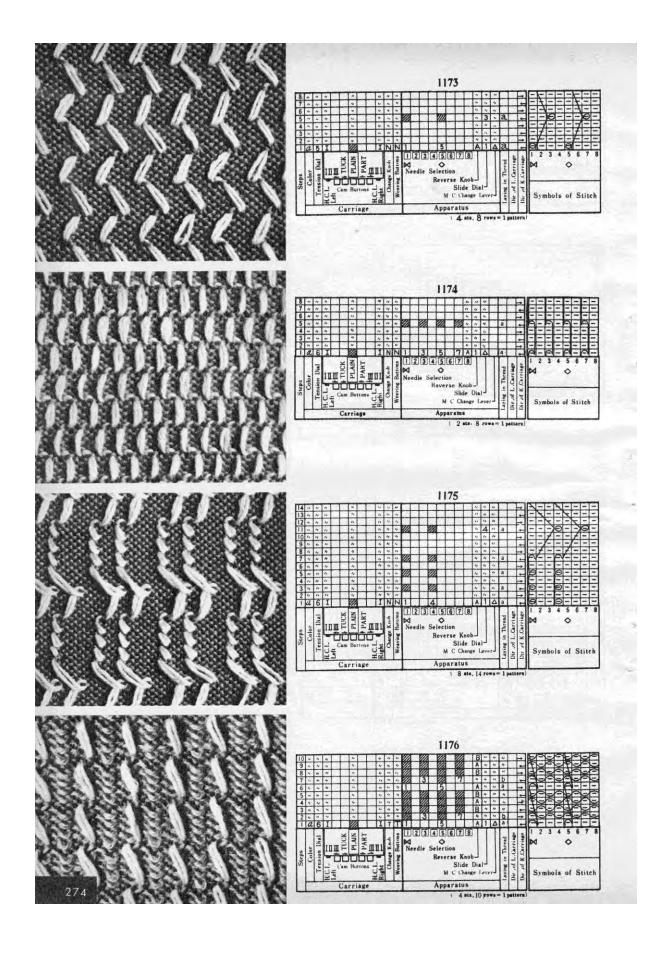
Note on Embroidery knitting:
There are two ways to place the wools on the needles:
one is to put it from under side of the needles as if
to wrap the wool around the needles, and the other
is to put them over the needles. For either way it is
recommended to have the wools about 6 inch long
between the fabric and the holder.

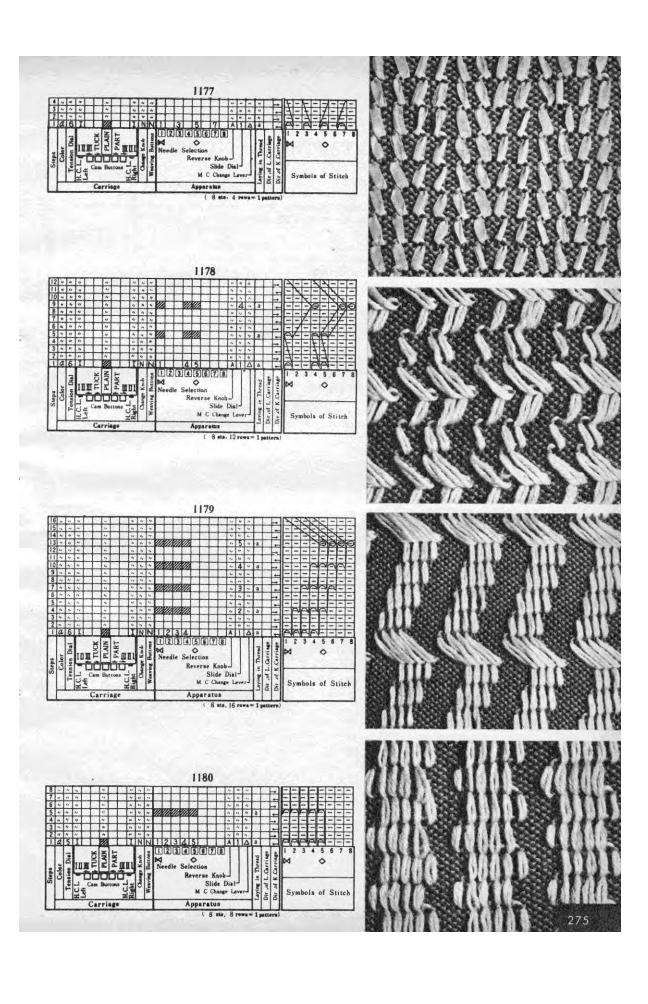
How to place wool Symbols How to place wool Symbols for Embroidery K











## SOLID PATTERNS

### What are solid patterns?

The solid patterns are worked on a plain knitted basis by using a work hook or transfer tool for changing knit stitches to purled stitches—or transfering (or crossing) the stitches for cable patterns.

#### Specialities of solid patterns:

They are a rather traditional type of pattern stitch. Though they do not look as fancy as other pattern stitches they are still widely used, for there is a rich variety of designs.

#### Order of operations:

1. Knit 2 rows of plain knitting.

2. Using a pair of one needle transfer tools, take off the stitches from the 1st and 2nd needles of the diagram below, and put the 2nd stitch onto the 1st needle and the 1st stitch onto the 2nd needle. (Crossing left over the right).

3. Knit 2 rows in plain knitting.

4. Work cross stitches same as for 2, 2nd stitch onto 3rd needle and 3rd stitch onto 2nd needle (crossing right over the left). Again cross 7th stitch onto 6th needle and 6th stitch onto 7th needle. (crossing left over the right.)

5. Knit 2 rows in plain knitting.

6. Transfer 3rd stitch onto the 4th needle and 4th stitch over the 3rd stitch (crossing right over the left). Transfer 6th stitch onto the 5th needle and 5th stitch onto the 6th needle (crossing left over the right).

7. Knit 2 rows in plain knitting.

8. Transfer 5th stitch onto 4th needle, 4th stitch onto 5th needle (crossing left over the right).

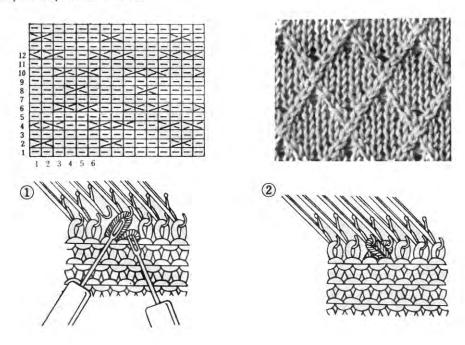
9. Knit 2 rows in plain knitting.

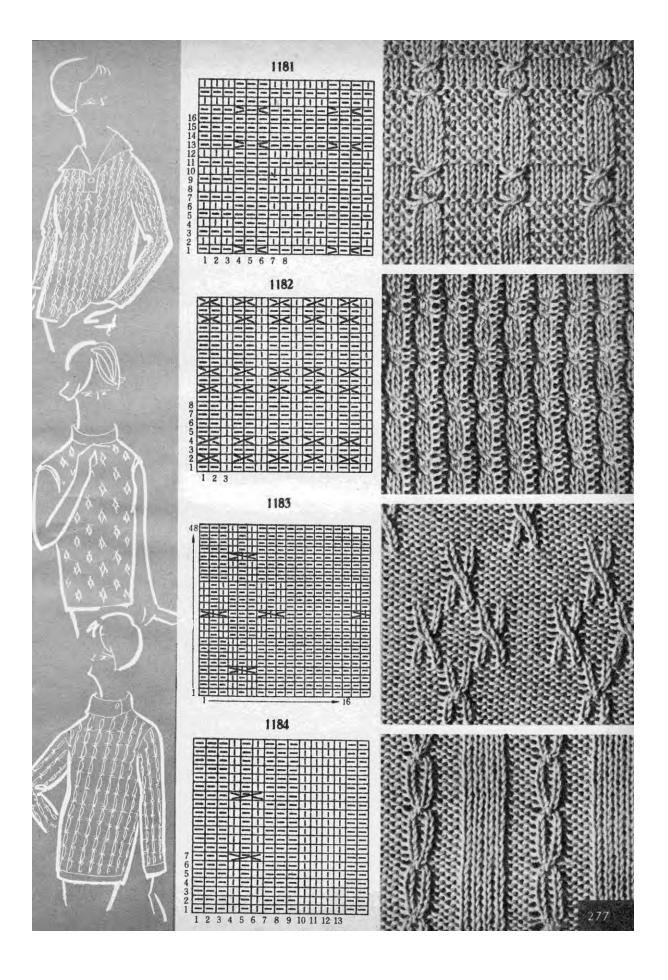
10. Transfer 4th stitch onto 3rd needle, 3rd stitch onto 4th needle (crossing left over the right). Transfer 5th stitch onto 6th needle, 6th stitch onto 5th needle (crossing right over the left).

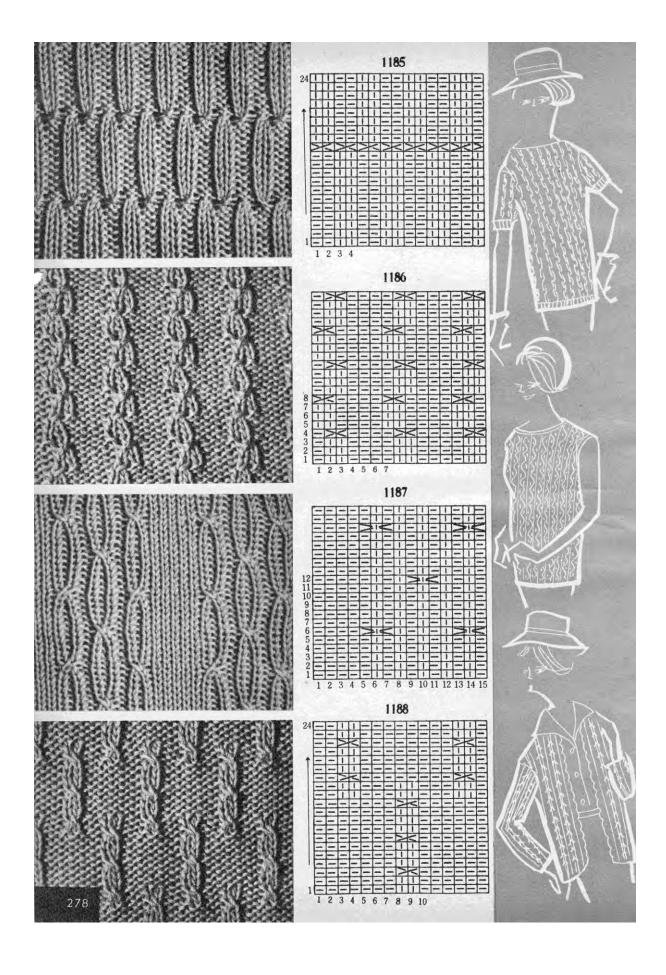
11. Knit 2 rows in plain knitting.

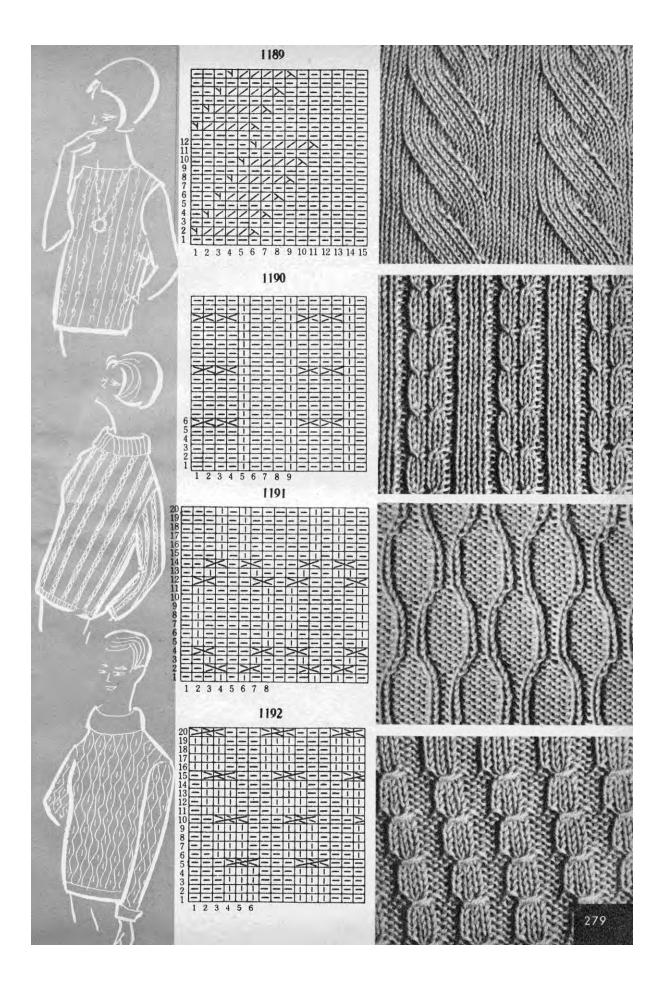
12. Transfer 3rd stitch onto 2nd needle, 2nd stitch onto 3rd needle (crossing left over the right). Transfer 6th stitch onto 1st needle, 1st stitch onto 6th needle (crossing right over the left).

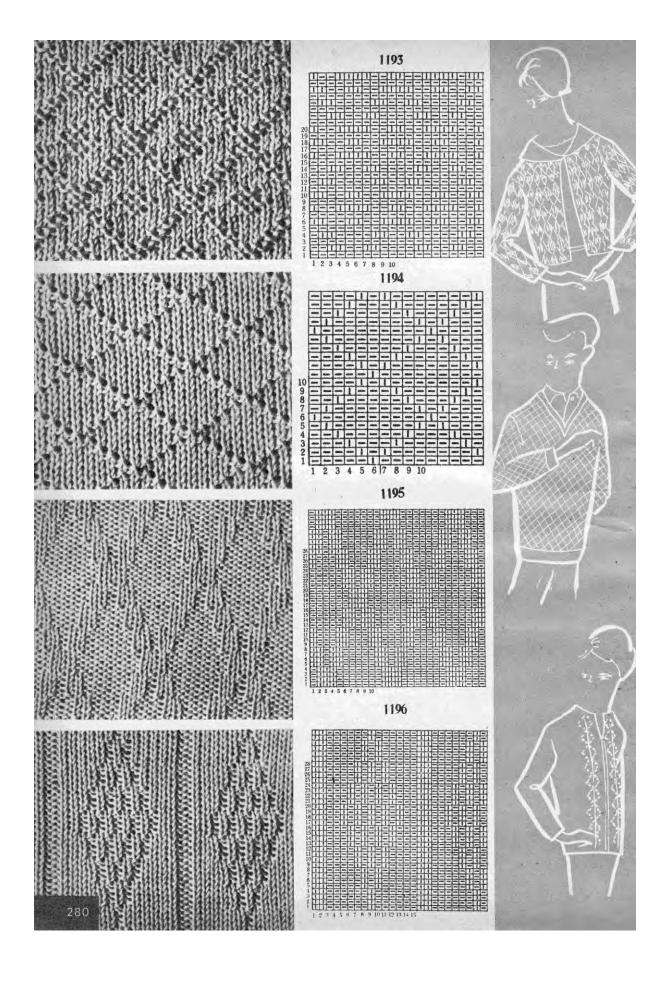
★ Repeat steps from 1 to 12.

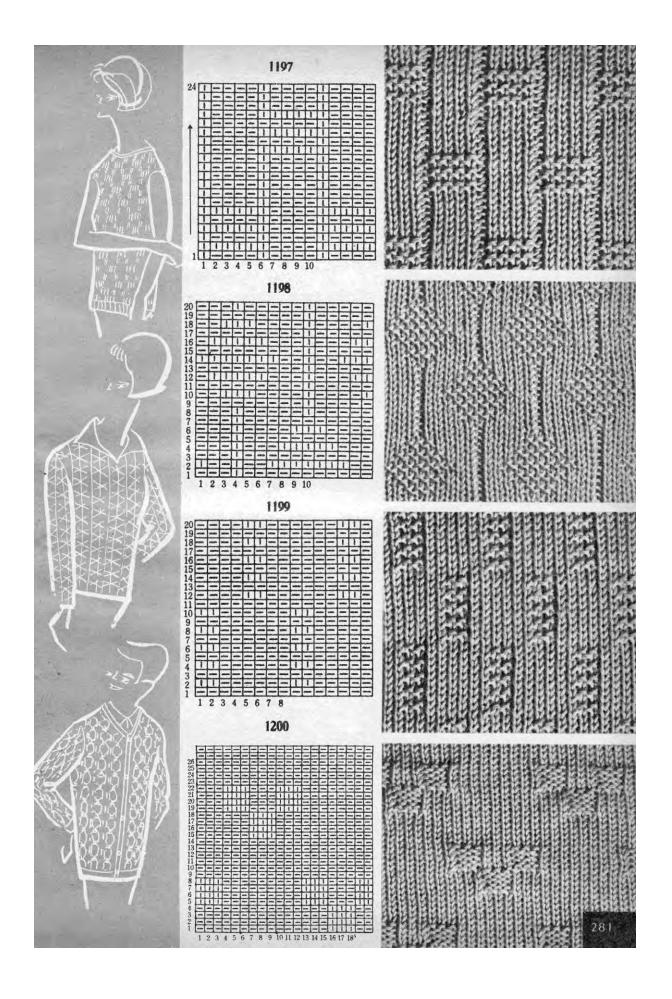


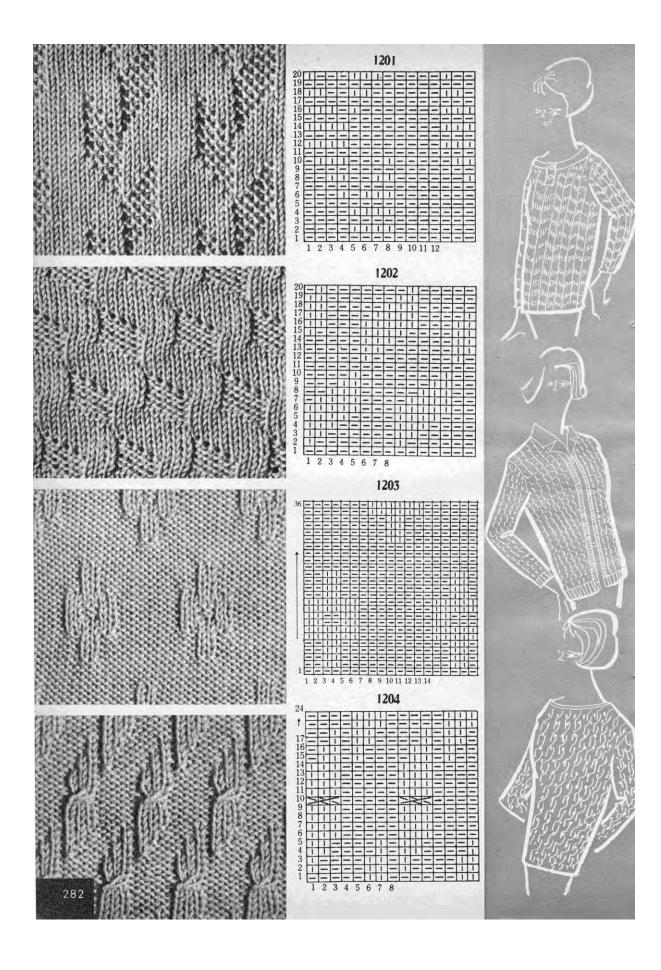


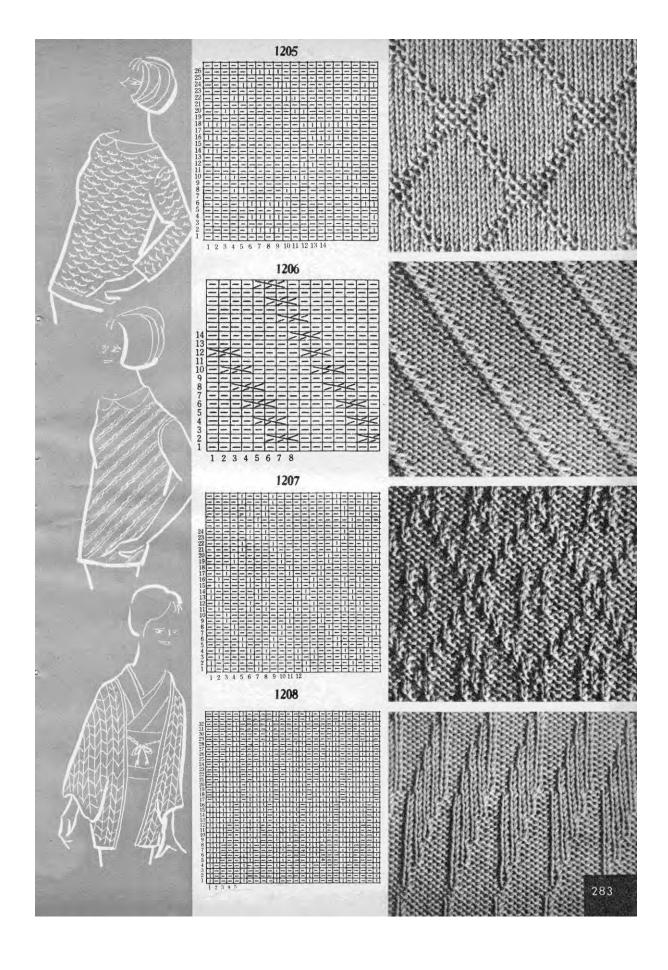


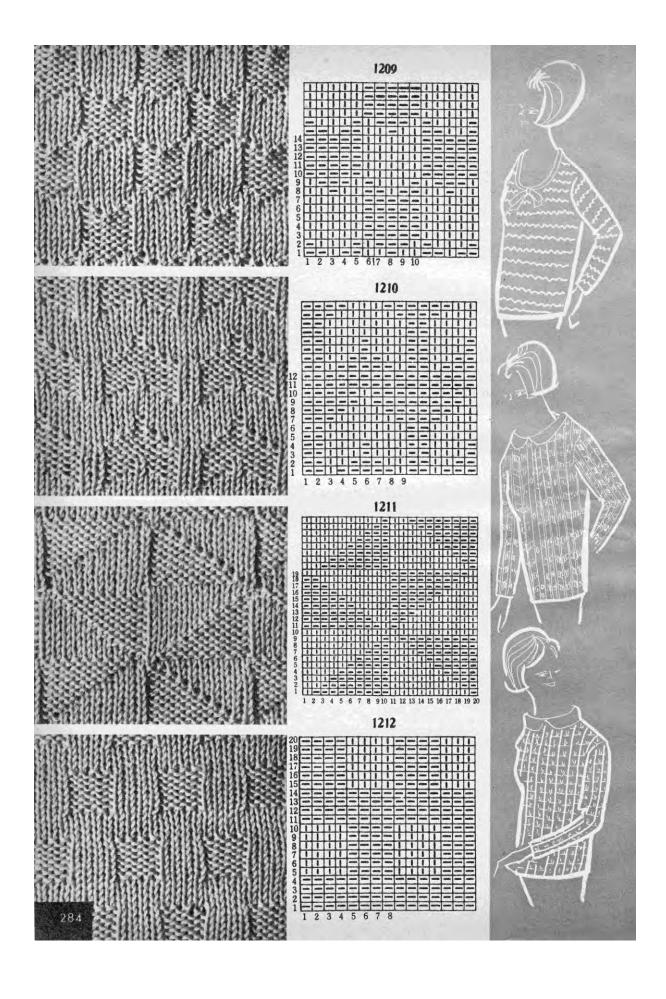


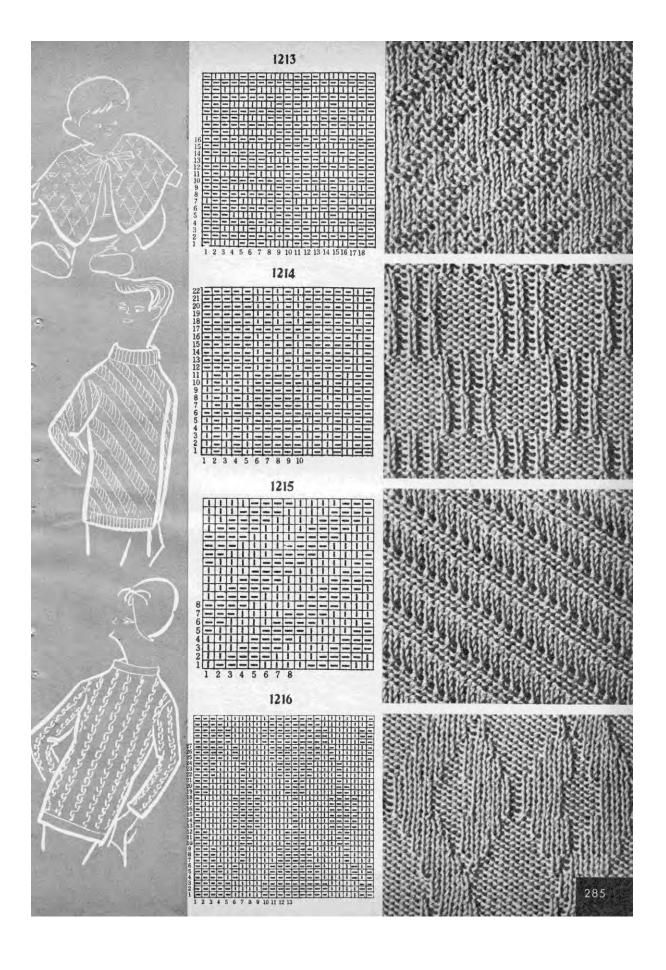


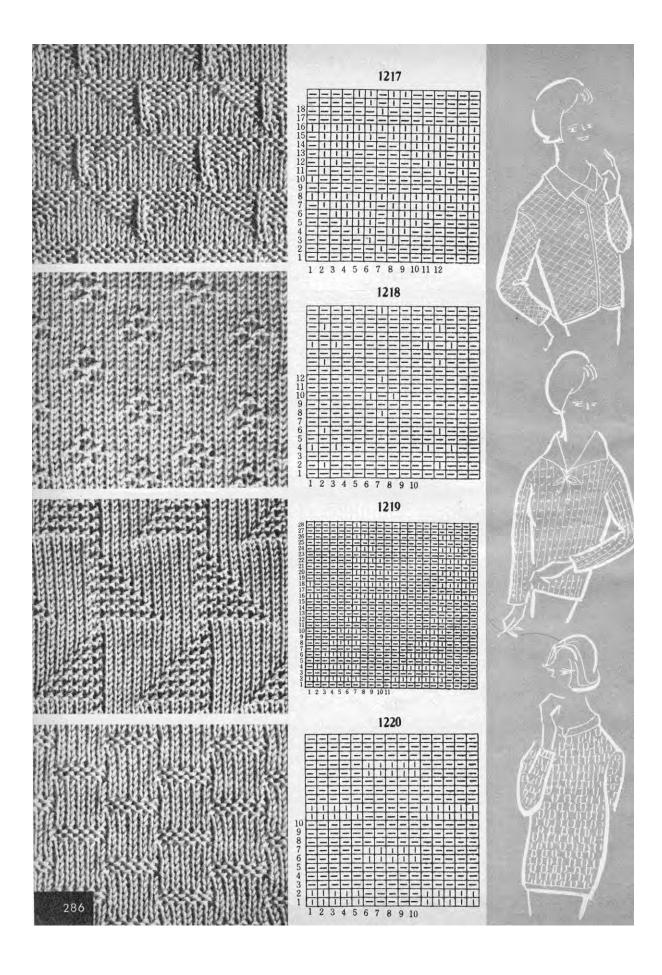


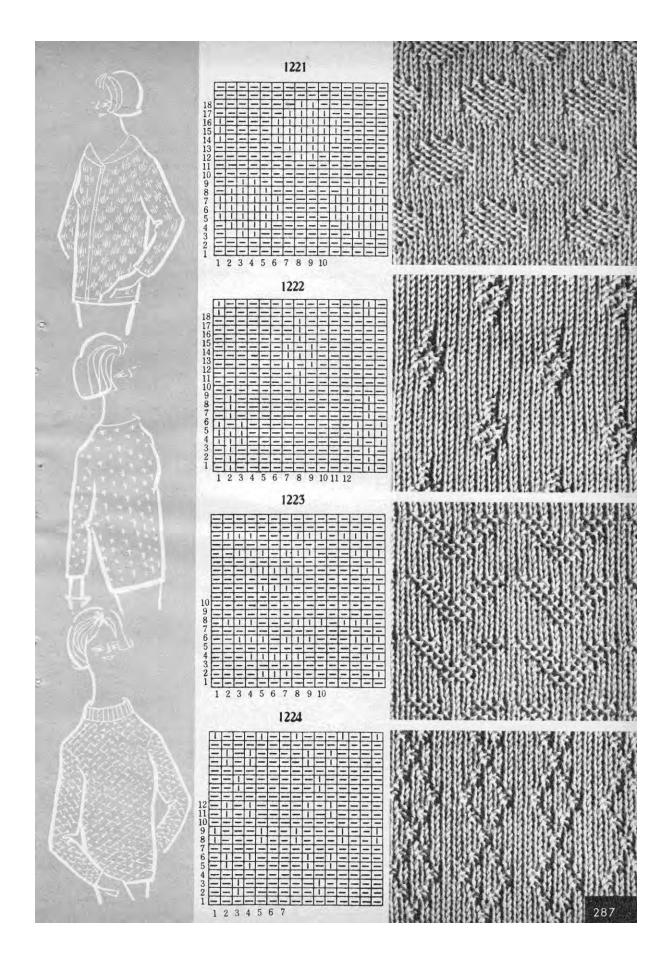












## APPLICATIONS OF PATTERN STITCHES

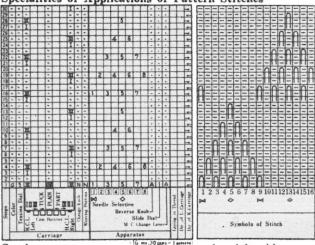
### What is Applications of pattern stitches?

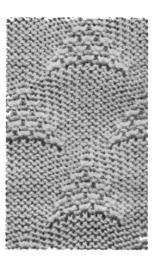
In this method, you have to add the Hand operation to the Needle selection system. But, you can get useful larger patterns and this method is applied in Lace patterns, Weaving patterns, pull-up stitch patterns, Fair-isle patterns and etc.

### How to work Applications of pattern stitches.

The applications of pattern stitches explained here means the variations of needle selection by periodically pushing back the needles once selected and bringing out the needles which were not selected. As the result, the pattern worked appears as if the range of needle selection were 16 or 24 needles instead of 8.

Specialities of Applications of Pattern Stitches





Carriage ......Place on the right side.

Yarn in feeder ......Thread the feeder with the knitting yarn.

Tention dial.....Set at 5.

Change lever .....Set both to III.

Cam buttons......Set PLAIN.

Change knob ......Set to N.

Weaving buttons ......Set to N.

Needle selection buttons.....Depress 1, 3, 5 and 7.

Reverse knob ......Sct to A position.

Slide diale.....Set to 1.

"MC" Change lever ......Set to \( \Delta \) mark.

#### Order of Operation.

- Select the needles by the Set lever, referring to the knitting symbols, push back the 3rd, 5th and 7th needles on the right side with you finger. Then, operate K. carriage from right to left.
- 2. Operate K. carriage from left to right.
- 3. Change the left change lever to I. and operate K. carriage from right to left.
- 4. Releasing Needle selection buttons, depress the buttons 2, 4, 6, 8 and select the needles by the Set lever. Referring to the knitting symbols push back the 2nd, 4th, 6th and 8th needles on the left side with your finger. Change the left Change lever to III and operate K. carriage from left to right.

5. Operate K. carriage from right to left.

6. Change the right Change lever to I and operate K. carriage from left to right.

7. Releasing the Needle selection buttons, depress 3, 5, 7 buttons and select the needles by the Set lever. Referring to the knitting symbols, push back the 3rd, 5th and 7th needles on the right side with your finger. Change the right Change lever to III and operate K. carriage from right to left.

8. Operate K. carriage from left to right.

9. Change the left Change lever to I and operate K. carriage from right to left.

10. Releasing Needle selection buttons, depress 4 and 6 buttons and select the needles by the Set lever. Referring to knitting symbols, push back the 4th and 6th needles on the right side with your finger. Change the left change lever to III and operate K. carriage from left to right.

11. Operate K. carriage from right to left.

12. Change the right Change lever to I and operate K. carriage from left to right.

13. Releasing Needle Selection buttons, depress the button 5 and select the needles by the Set lever. Referring to knitting symbols push back the 5th needle on the right side with your finger. Change the right change lever to III and operate K. carriage from right to left.

14. Operate K. carriage from left to right.

15. Change the left Change lever to I and operate K. carriage from right to left.

16. Releasing Needle selection buttons, depress buttons 1, 3, 5, 7 and select the needles by the Set lever. Referring to knitting symbols push back the 3rd, 5th and 7th needles on the left side with your finger. Change the left Change lever to III and operate K. carriage from left to right.

17. Operate K. carriage from right to left.

18. Change the right Change lever to I and operate K. carriage from left to right.

19. Releasing the Needle selection buttons, depress buttons the 2, 4, 6, 8 and select the needles by the Set lever. Referring to the knitting symboles, push back the 2nd, 4th, 6th and 8th needles on the left side with your finger. Change the right Change lever to III and operate K. carriage from right to left.

20. Operate K. carriage from left to right.

21. Change the left Change lever to I and operate K. carriage from right to left.

22. Releasing Needle selection buttons, depress buttons 3, 5, 7 and select the needles by the Set lever. Referring to the knitting symbols, push back the 3rd, 5th and 7th needles on the left side with your finger. Change the left Change lever to III and operate K. carriage from left to right.

23. Operate K. carriage from right to left.

24. Change the right Change lever to I and operate K. carriage from left to right.

25. Releasing Needle selection buttons, depress the buttons the 4, 6 and select the needles by the Set lever. Referring to the knitting symbols, push back the 4th and 6th needles on the left side with your finger. Change the right Change lever to III and operate K. carriage from right to left.

26. Operate K. carriage from left to right.

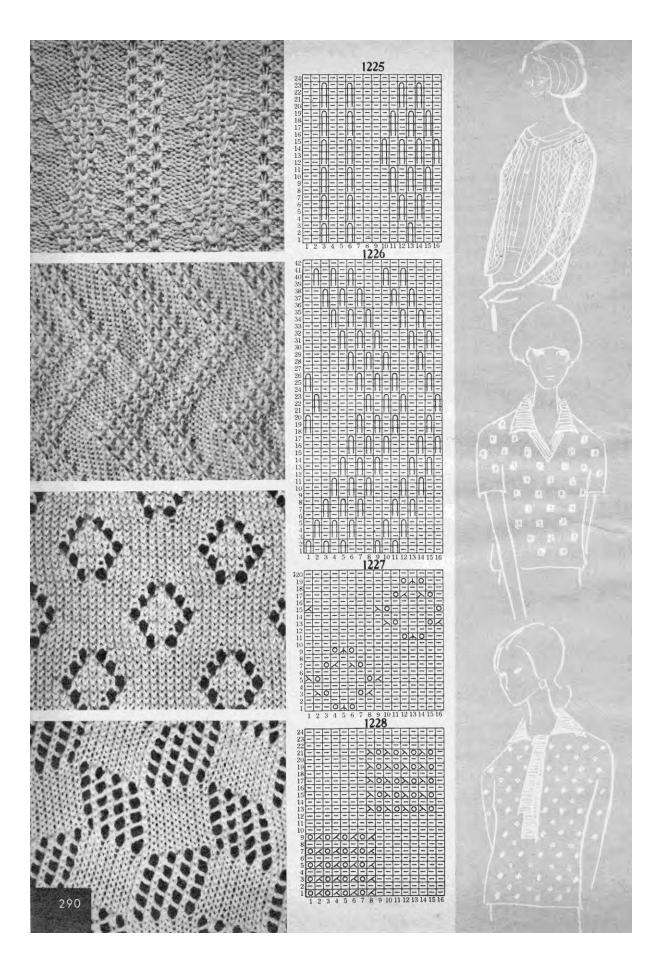
27. Change the left Change lever to I and operate K. carriage from right to left.

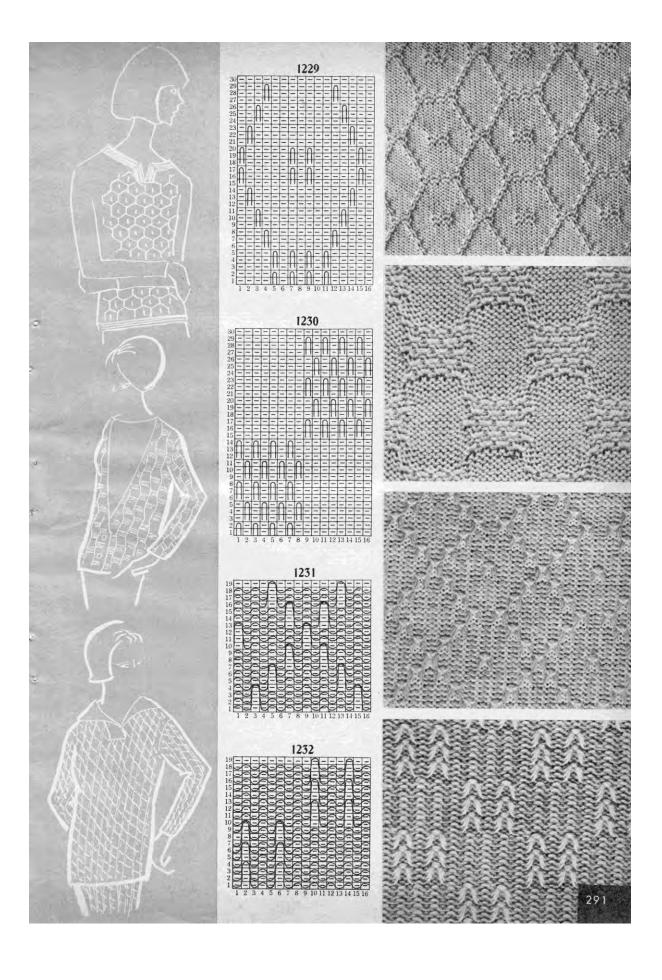
28. Releasing Needle selection buttons, depress the button 5 and select the needles by the Set lever. Referring to the knitting symbols, push back the 5th needle on the left side with your finger. Change the left Change lever to III and operate K. carriage from left to right.

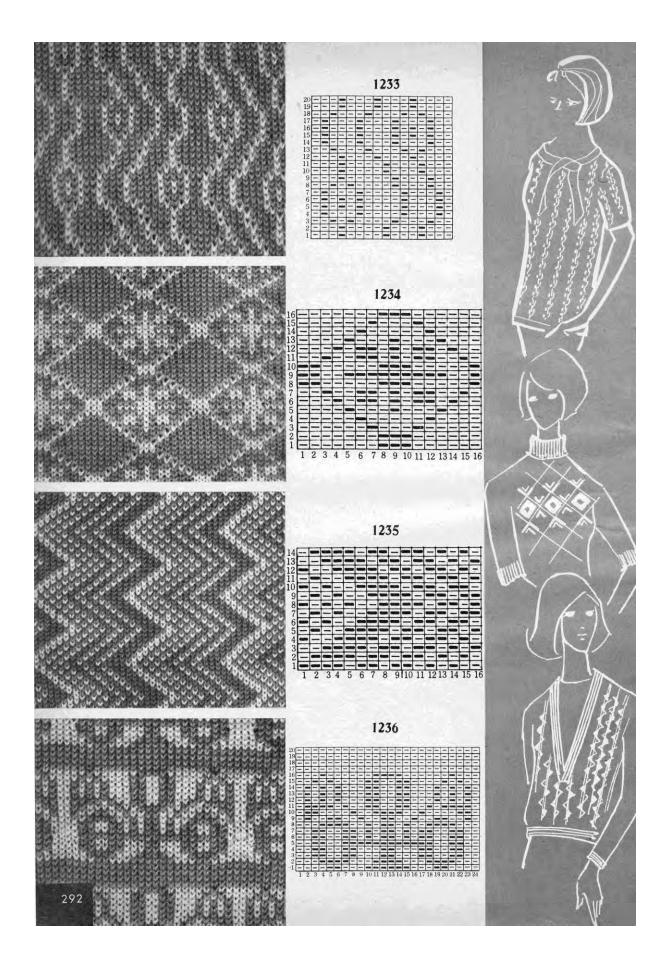
29. Operate K. carriage from right to left.

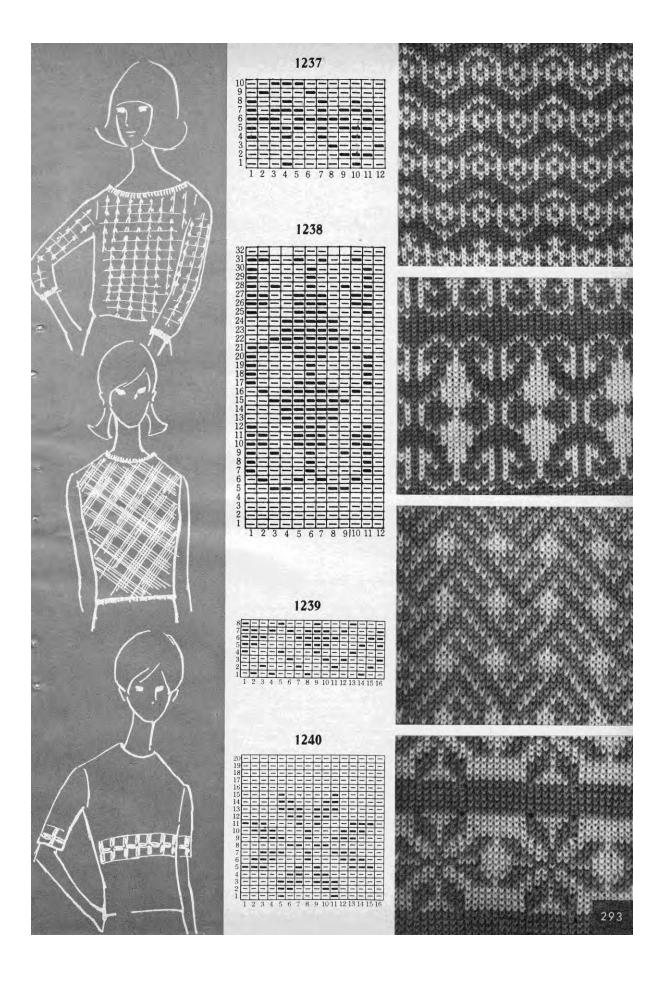
30. Change the right Change lever to I and operate K. carriage from left to right.

Repeat steps 1 to 30.









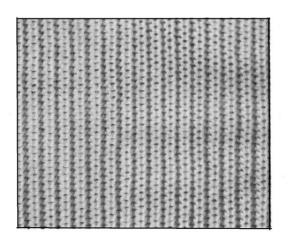
# RIBBING PATTERNS

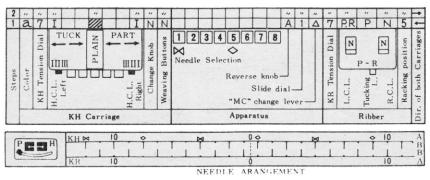
#### What are Ribbing patterns?

Ribbing patterns are worked on a double bed knitting machine. When the ribber is attached to the main machine, and by operating the connected carriages together with your machine can work not only ordinary ribbing but all kind of ribbing pattern stitches which are normally worked on a double bed machine.

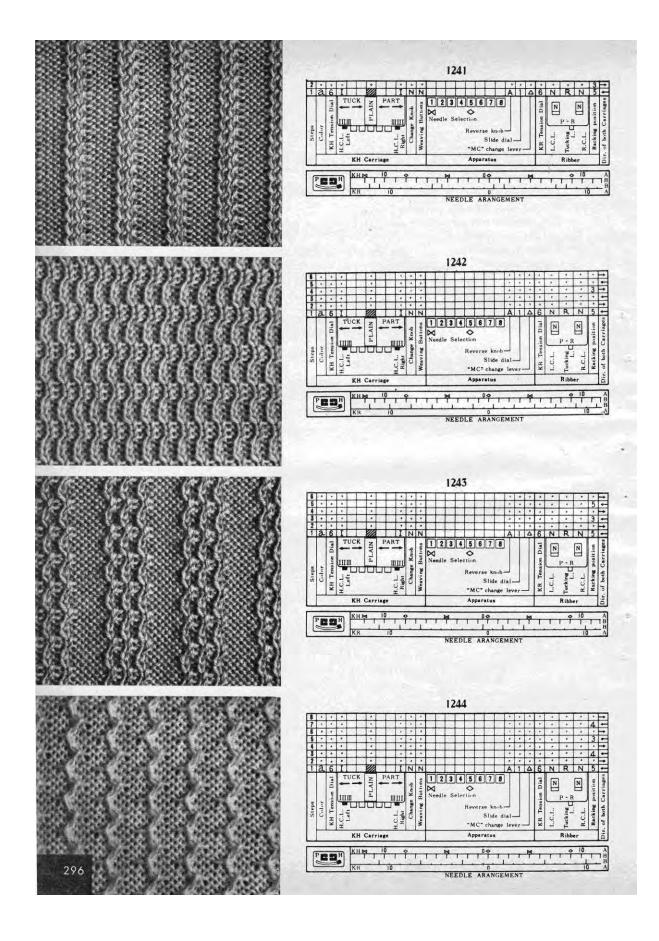
## Specialities of ribbing patterns:

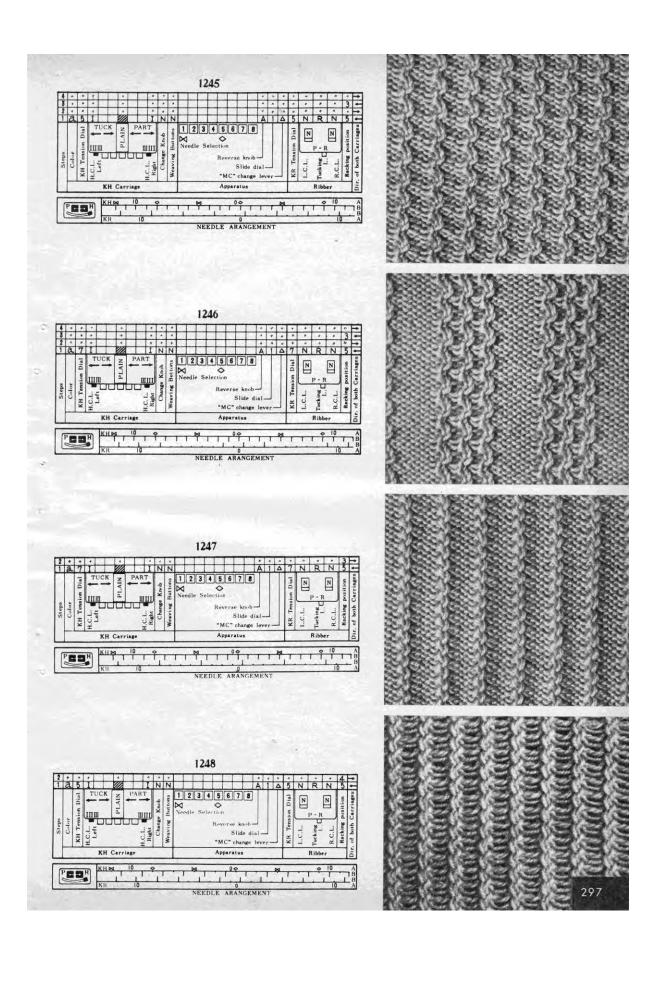
Garments worked on the knitting machine with ribber, are thick and stable and keep their shape well. The plain and purl stitches together give more elasticity to the fabric.

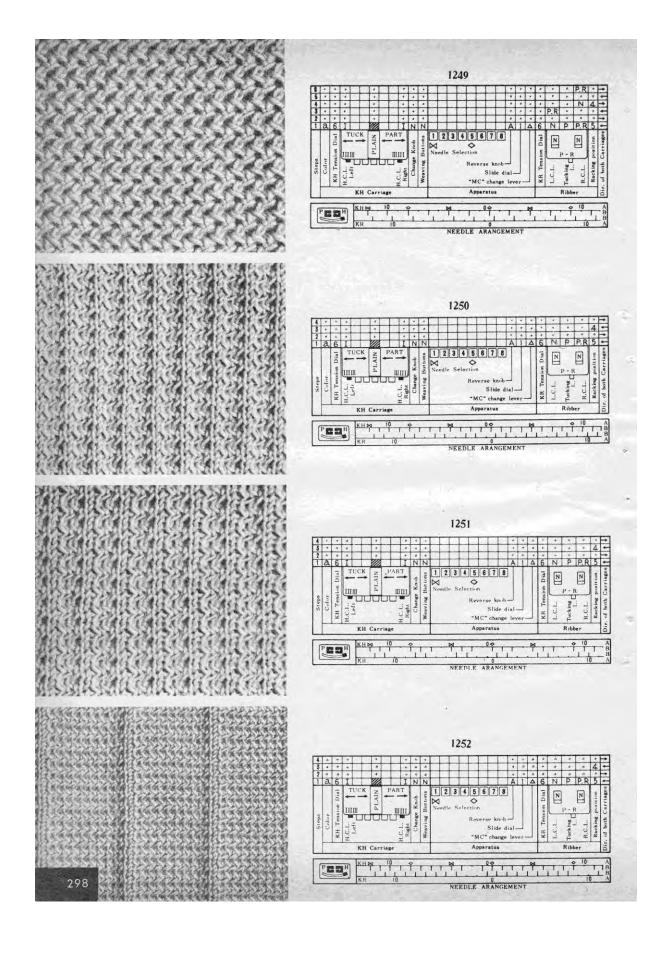


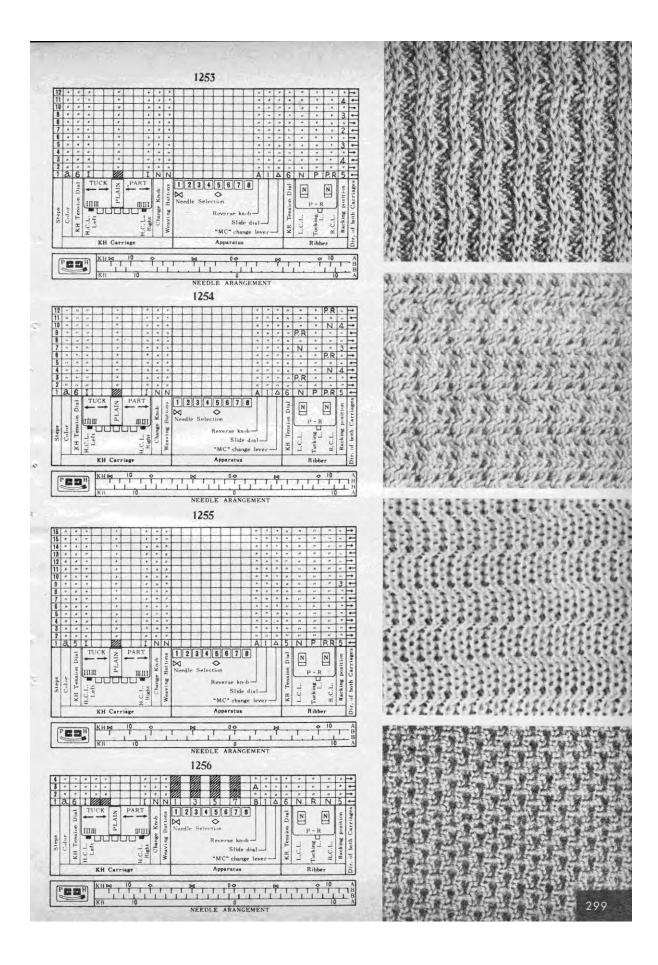


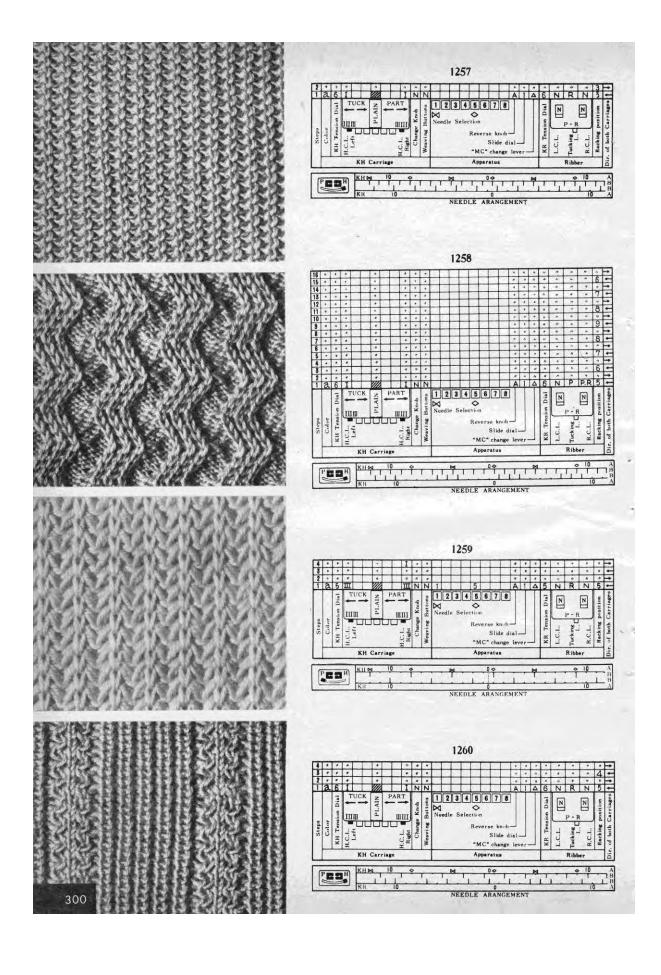
How to work Ribbing Patterns: (Example) Instructions are made for the above Ribbing pattern according to the pattern Needle Arrangement ......Arrange the needles of both beds as above chart. Carriage setting ......Set each aparatus of both carriages as follows. then place both carriages on the right side of needle beds. Yarn in the feeder......Thread with yarn for garment. Tension dial ......Set the tension dial to number 7. (However, adjust the number according to the material or thickness of yarn.) Change levers ......Set both change levers to I. Cam buttons ......Set to "PLAIN". Change knob ......Set to "N". Weaving buttons ......Set to "N". KR-carriage Tension dial ......Set the tension dial to number 7. (However, adjust the number according to the material or thickness of yarn.) Left cam lever ......Set to "P.R.". Tucking lever .....Set to "P". Right cam lever.....Set to "N". KH-needle bed Needle selection buttons ..... No need to depress for this pattern. Reverse knob ......Set to A position. Slide dial ......Set to position 1. "MC" change lever ......Set to  $\triangle$ . KR-needle bed Racking position ......Set to number 5. Order of Operation: 1. Move both carriages (jointed) to left. 2. Move the both carriages to right. 3. Repeat from 1 to 2.

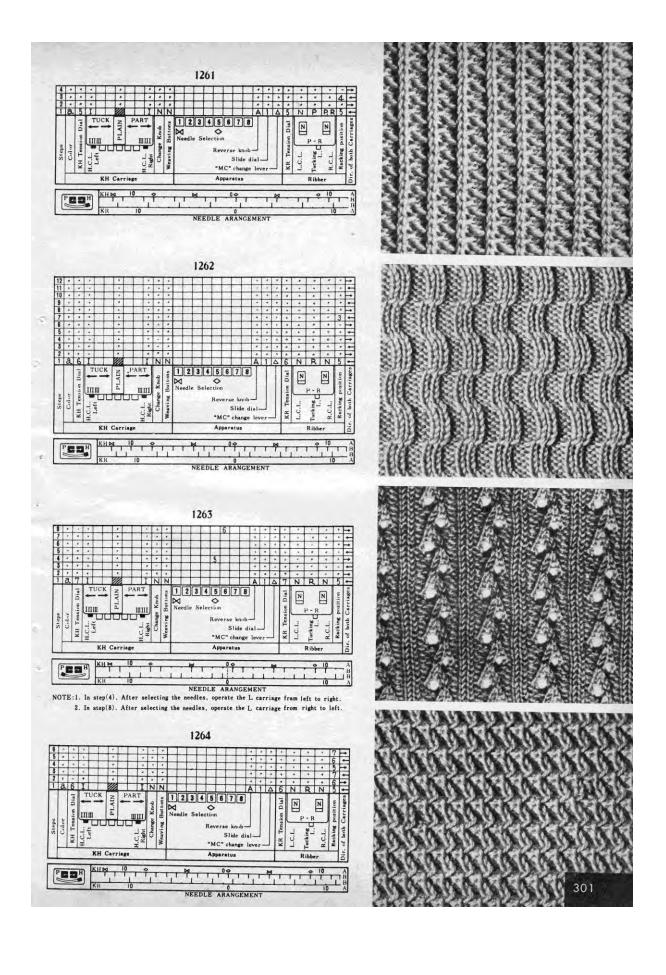


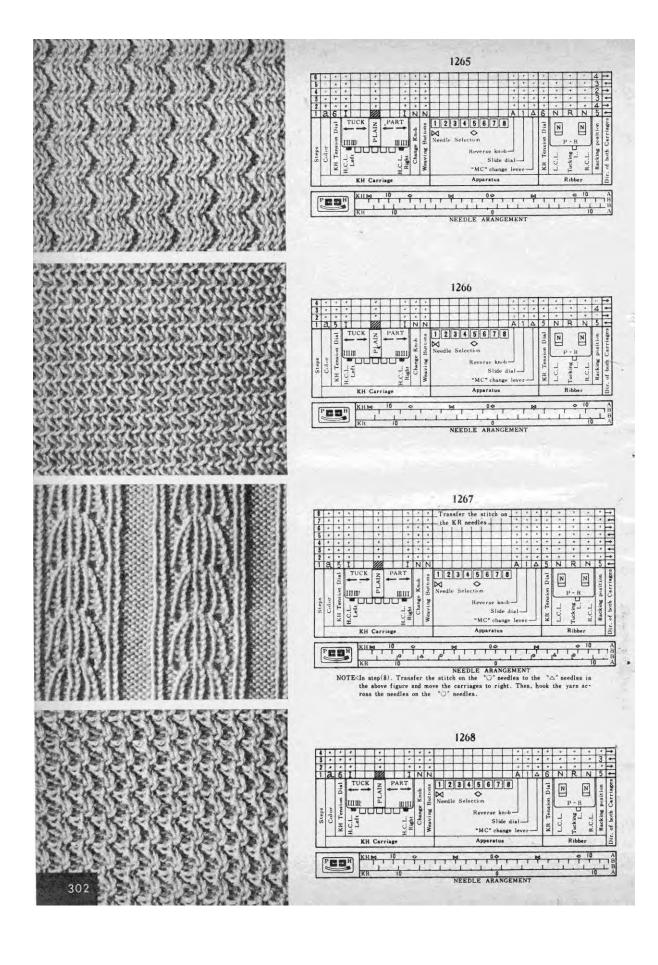


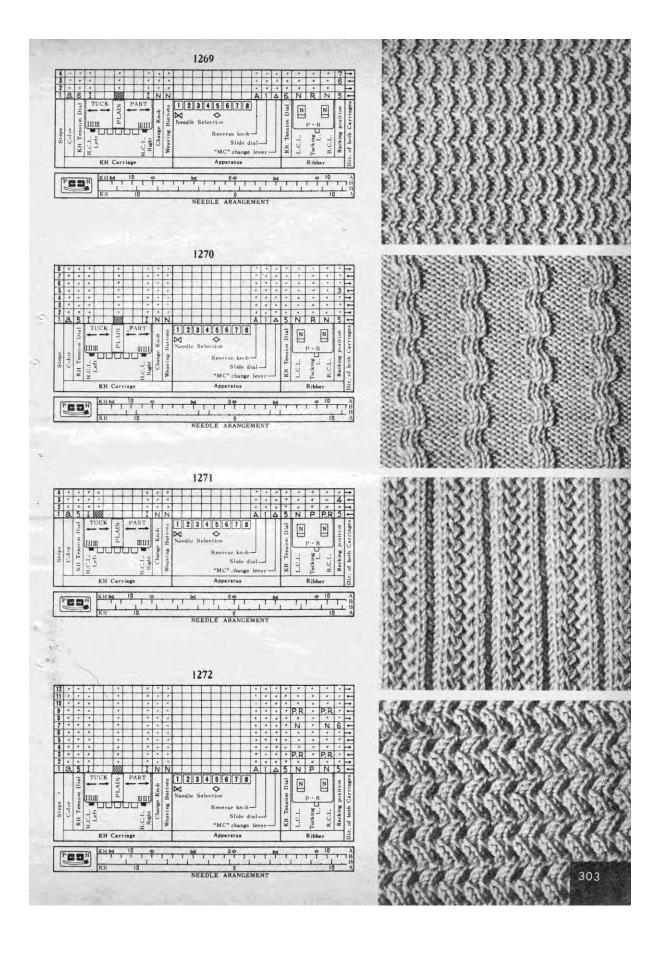


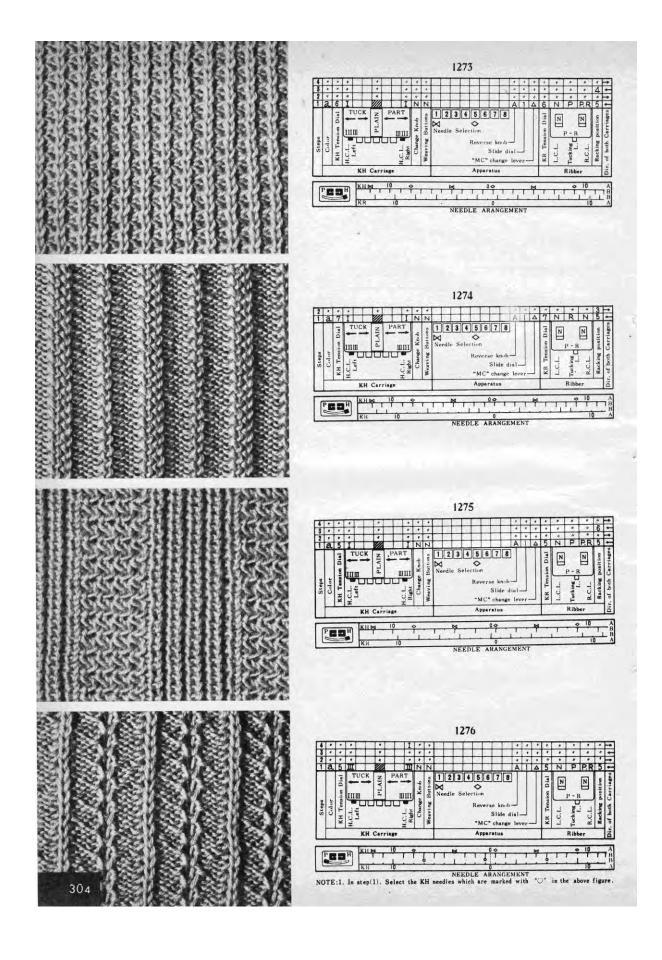


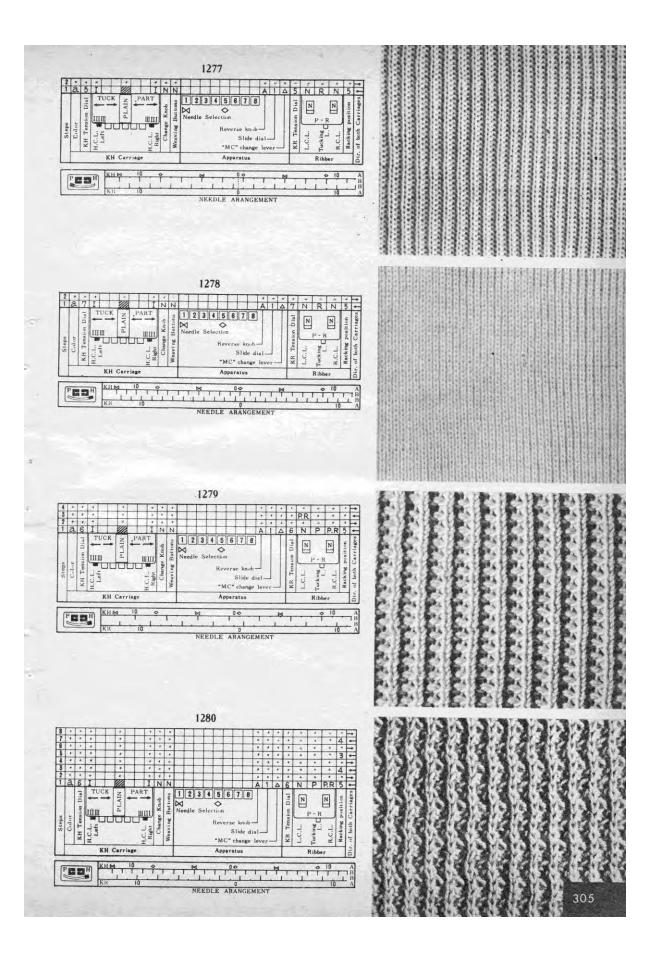


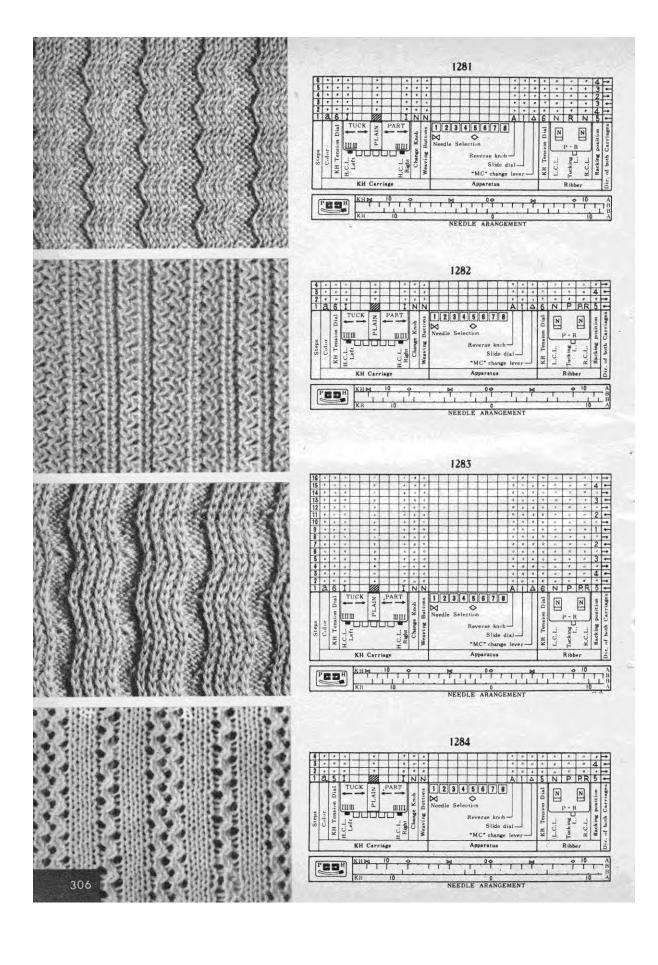


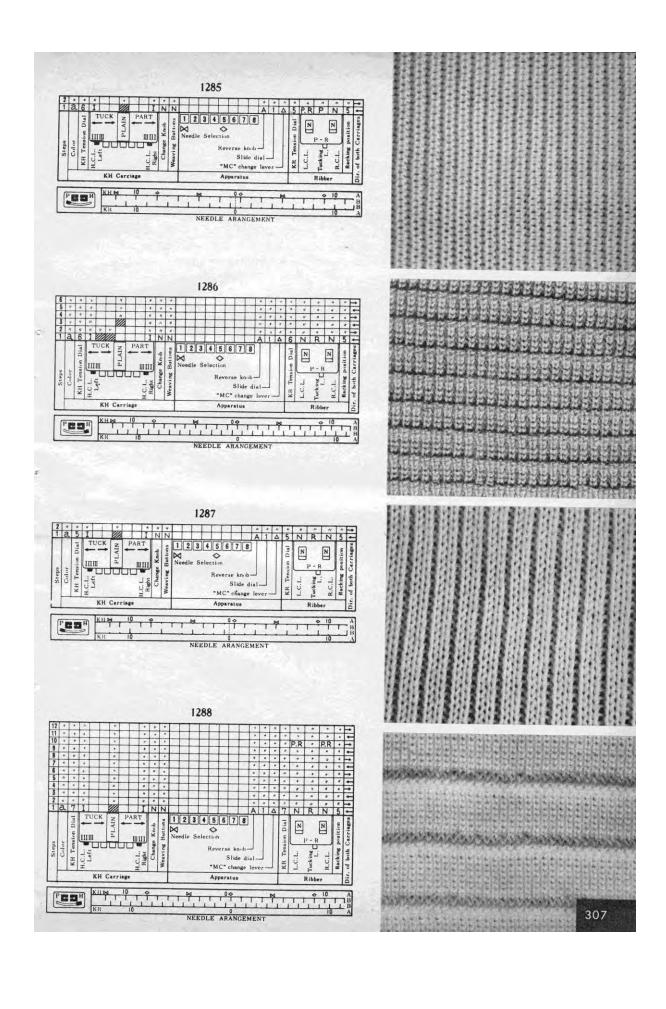












# **MOTIVES**

Motives:

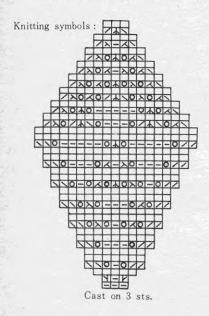
A motif is a unit of work shaped either round, square, pentagon, hexagon or octagon. The small pieces are joined together for the complete article.

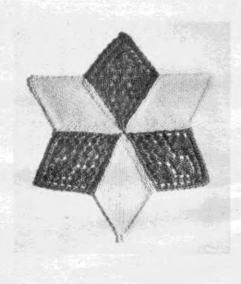
#### Specialities of Motives:

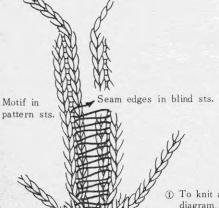
The article worked in motives has a special handicraft effect that has become increasingly popular.

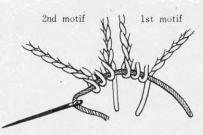
The motives are generally assumed to be worked by crocheting alone; but this book includes some of them made on the knitting machine.

### How to join motives worked on machine:





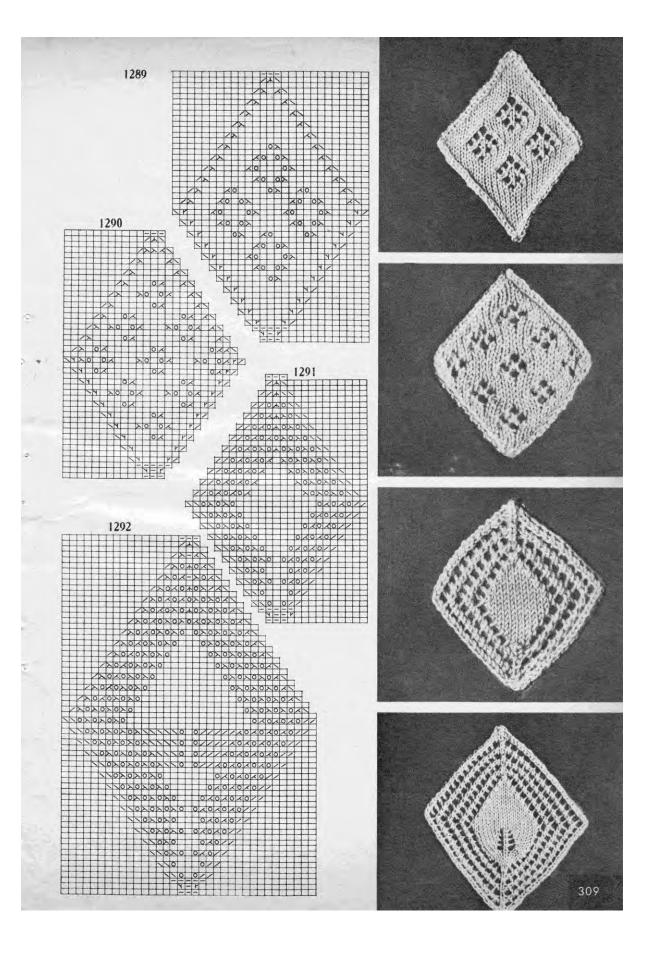


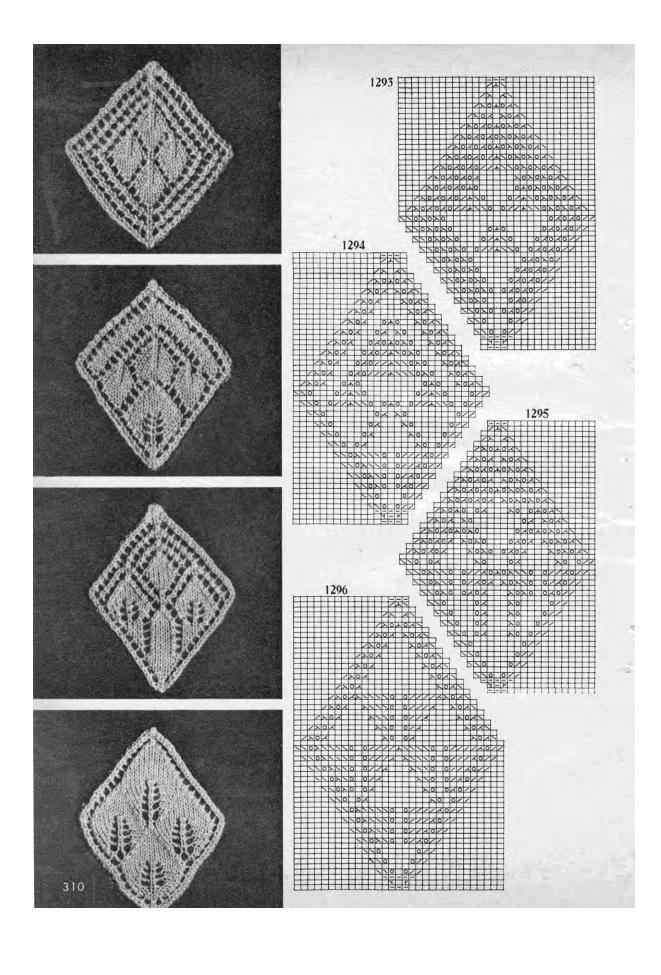


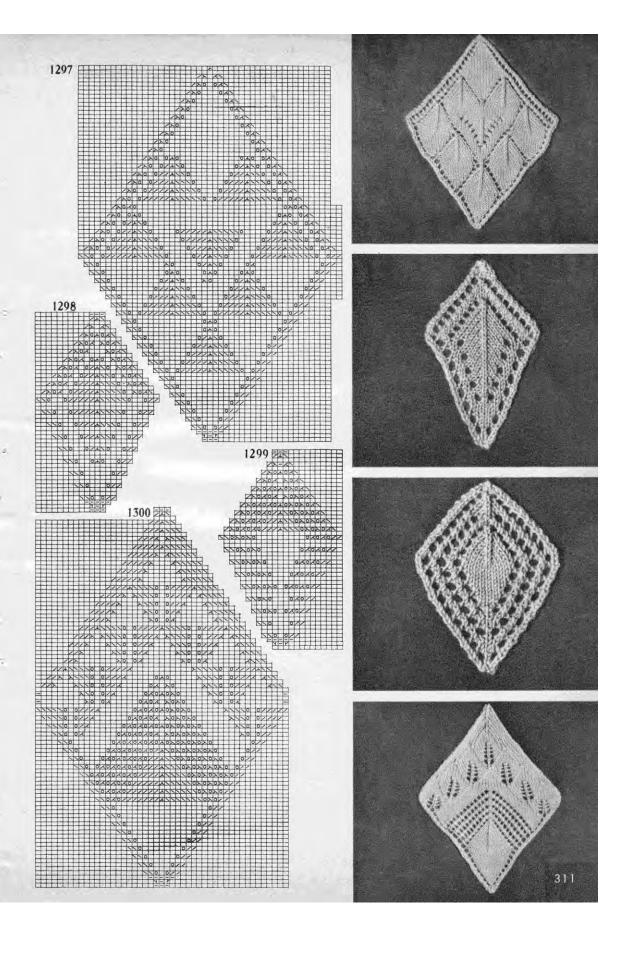
Pass the wool through 3 sts of the commencement. 18 sts altogether, and pull it tight.

① To knit a motif on machine, first cast on 3 sts, then work per diagram, transfering sts on both edges.

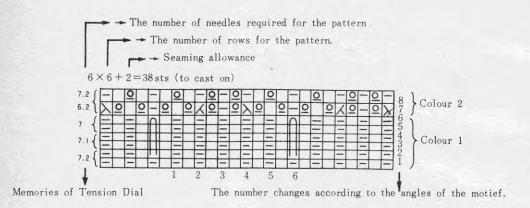
② After you have made 6 pcs of diamond shaped motives (3 in each color), join them as shown in the diagrams. Then pass thread 3 cast on sts of each motif (18 sts in all) and pull tight.



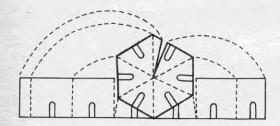


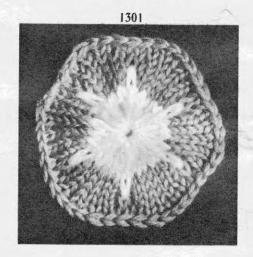


### How to Read the Pattern Card



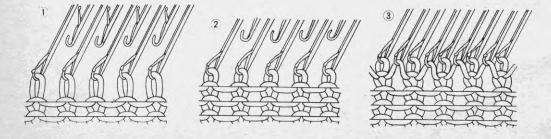
Open Pattern (This can be applied for lectangle, square, triangle and round motiefs)

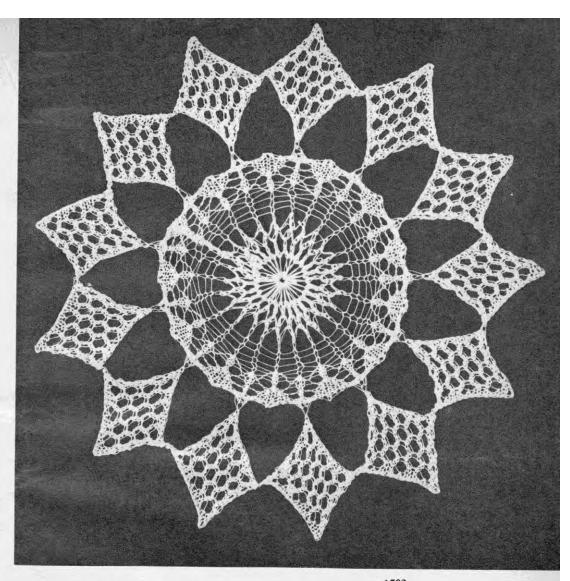




#### How to Read the Symbols:

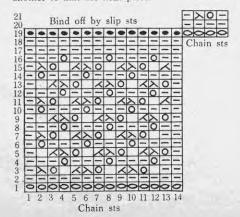
- The As a rule, the black portion of the pattern card means the needles for those sections are non operating. (They are placed of NOP.)
- 2 O.......Place the needle which was rested in NOP to knitting position. Knit 1 row. Drop the loop made on the needle and place the needle again to NOP.

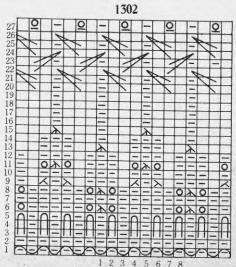


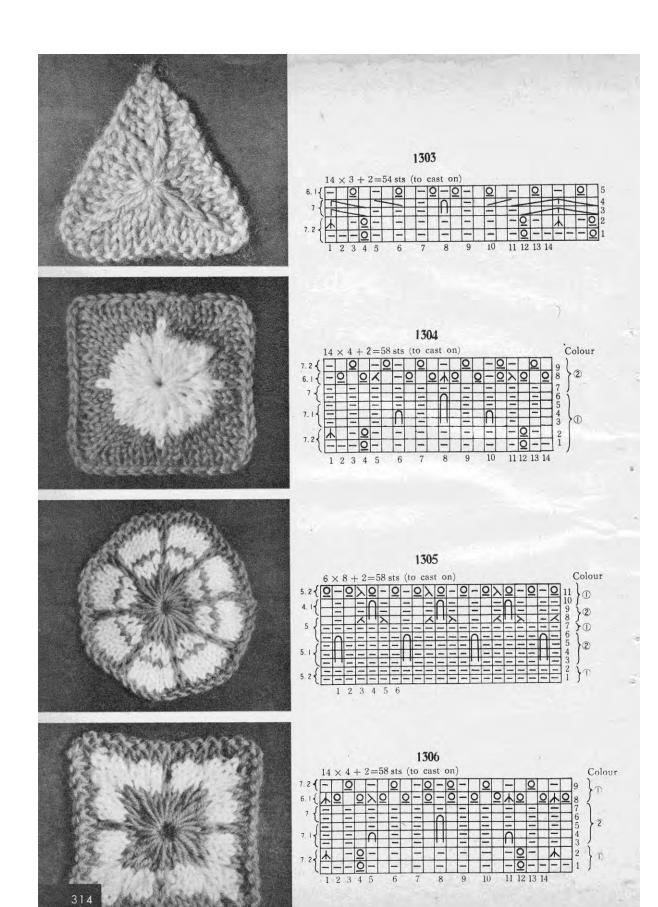


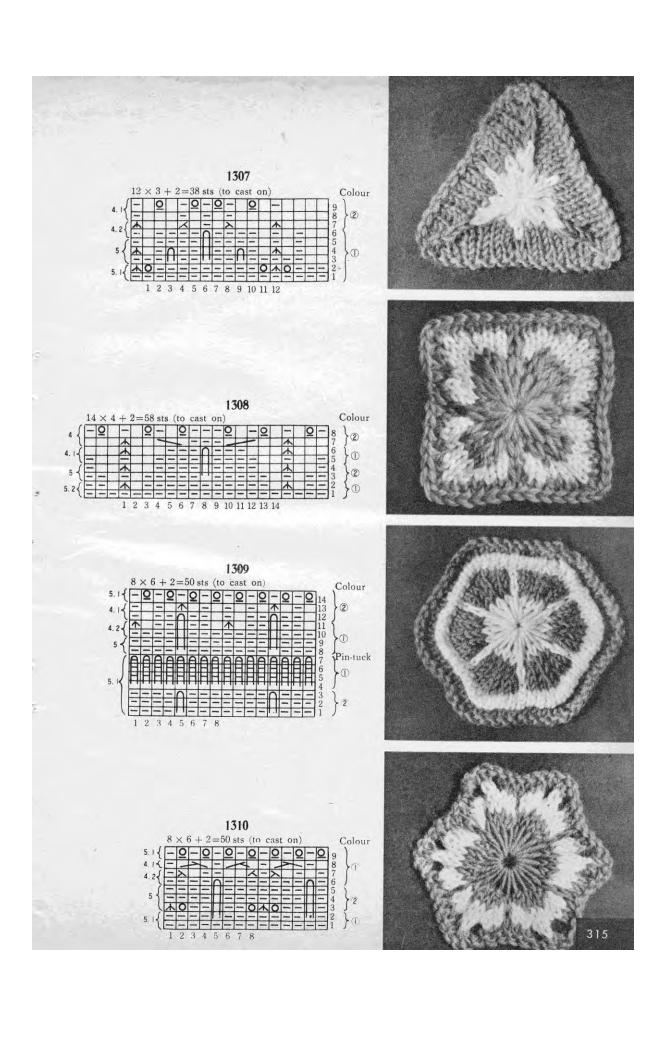
Motiefs around the Doily: Knit 13 pieces continuously.

Chain 14 and put on machine needles one after another to knit the next piece.









## DECORATIVE EDGING STITCHES

### Edging Stitches:

Edging stitches are a type of modified lace pattern stitch.

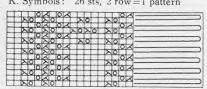
#### Specialities of knitted or crocheted edgings:

They are widely used as a finishing touch to lace work, instead of braid. A properly finished edge will make the garment look far more attractive. This book includes edging stitches made on the machine to add to the large variety of crocheted edgings.

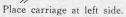
### Edgings worked on the Machine

#### Fringed Edging:

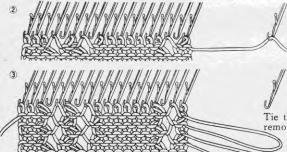
K. Symbols: 26 sts, 2 row=1 pattern



Rest 10 needles



On right side bring out 1 needle per diagram and knit 1 row.



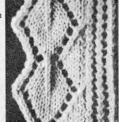
1) For the length of fringes bring out 1 needle, 9th~11th from main knitting. By operating car-riage twice across the needle will catch yarn. Operate carriage 2 times more in the same manner, then remove the sts from needle and tie at the edge of main knitting.

Tie the loops which were removed from this needle.

### Edging of Diamond Pattern:

K. Symbols: 20 sts, 19 rows=1 pattern





② Though this edging is worked per diagram same as for dia-mond pattern sts on machine knitting, transter the sts on the edge, first outward then inward

to shape diamond patterns. How about using it for the edges of a curtain.

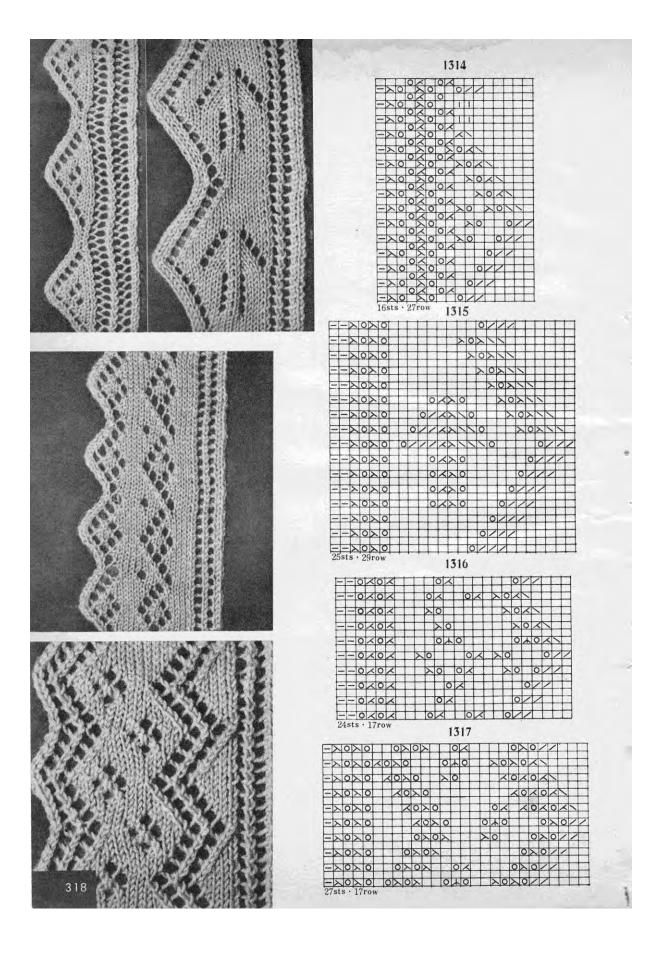
This edging is worked vertically and used crosswise.
So, the length can be adjusted easily.

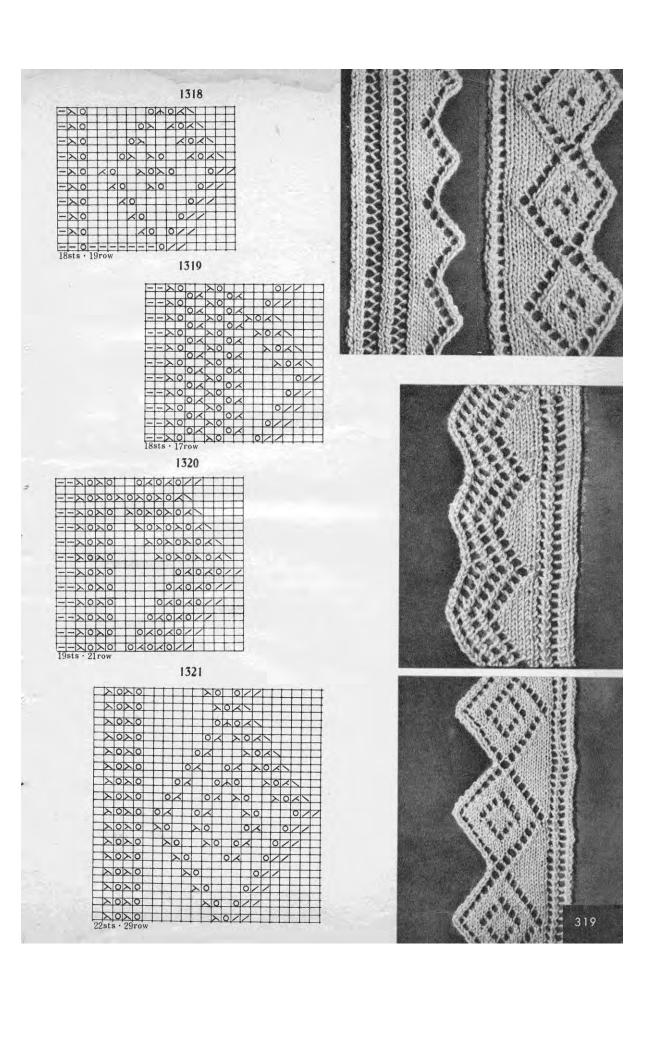
### Crocheted Edging

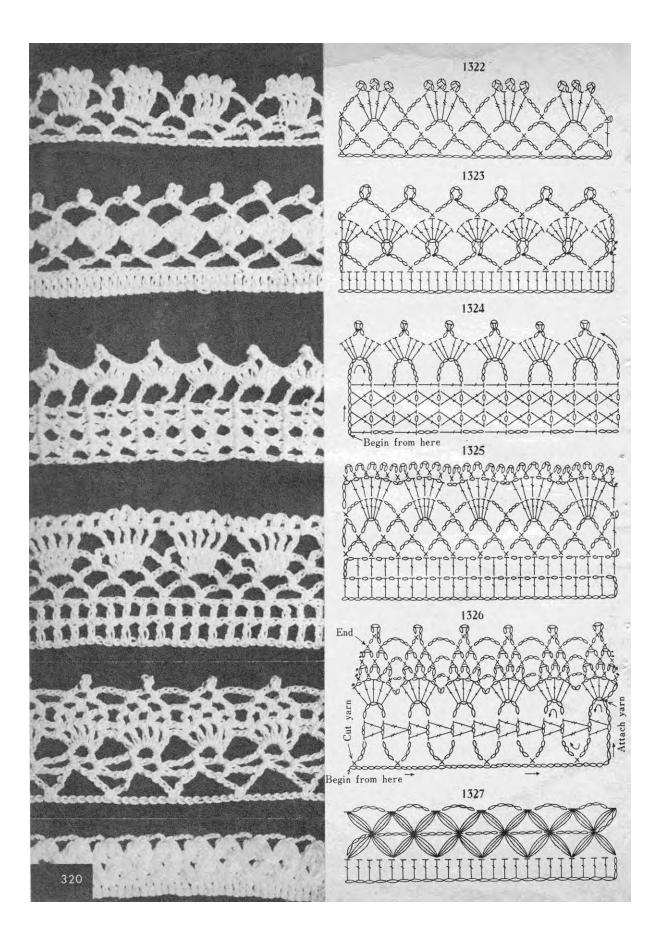
Symbols for crocheted sts.



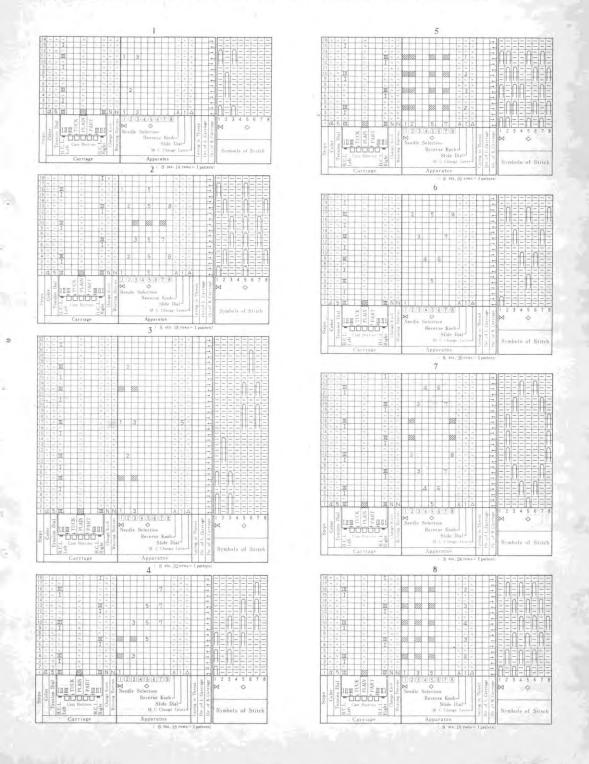


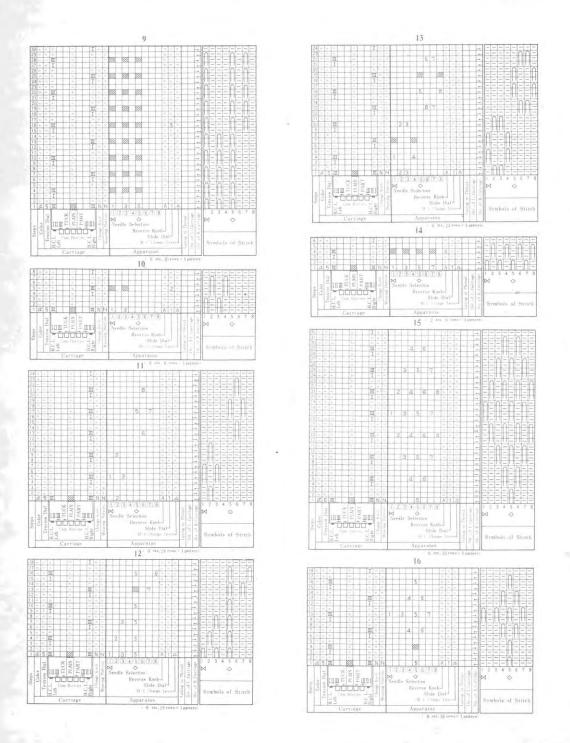


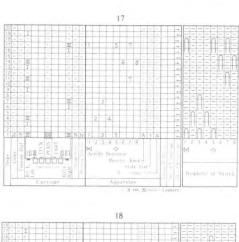


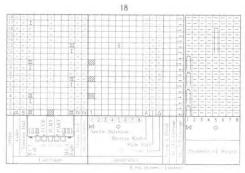


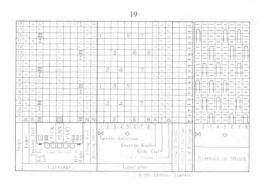
# DIAGRAMS FOR PULL-UP PATTERN STITCHES

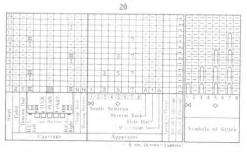


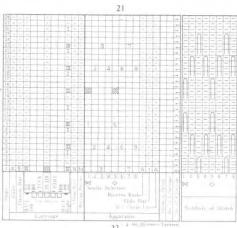






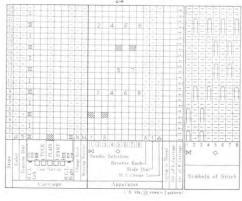


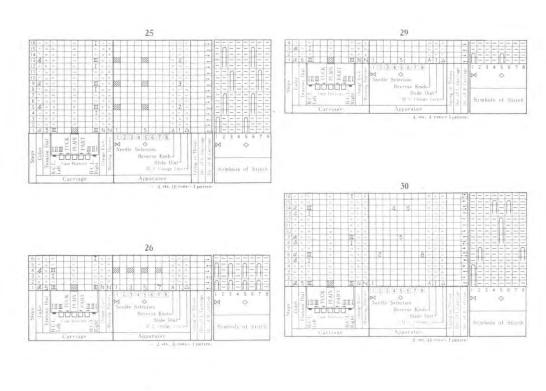


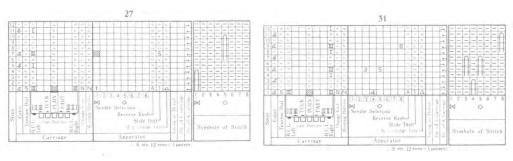


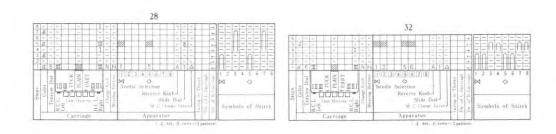


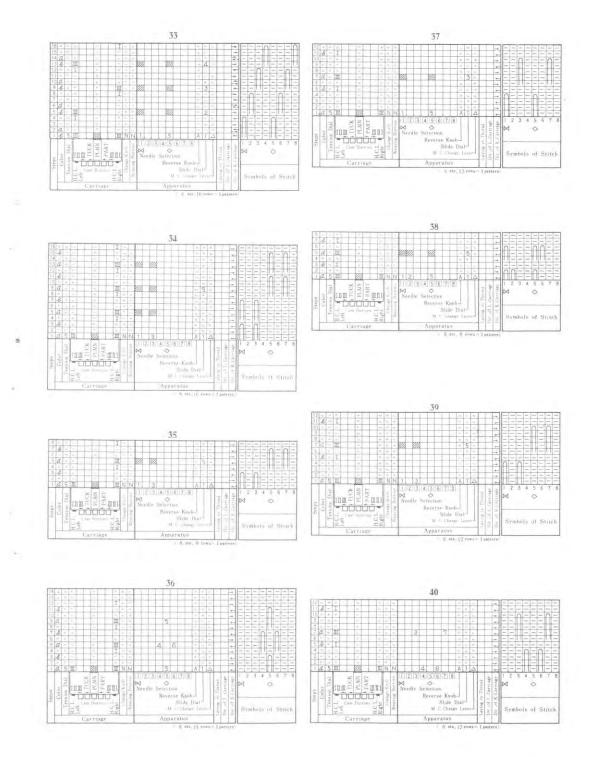




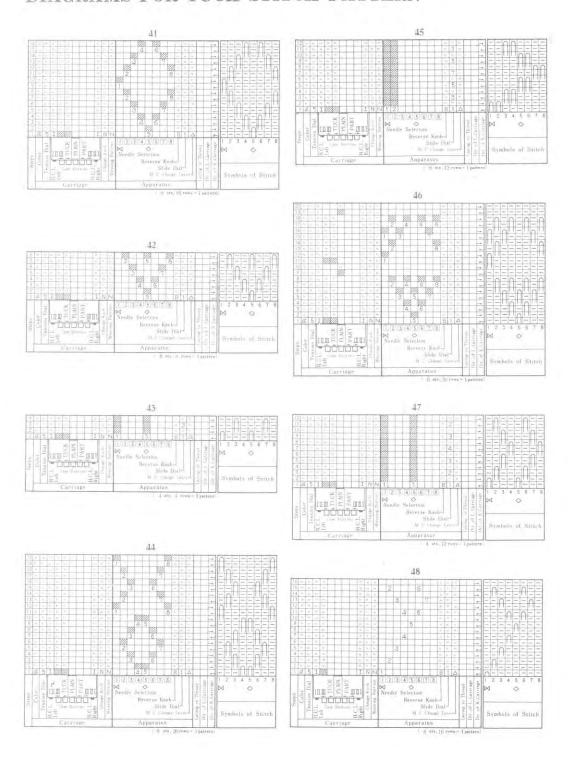


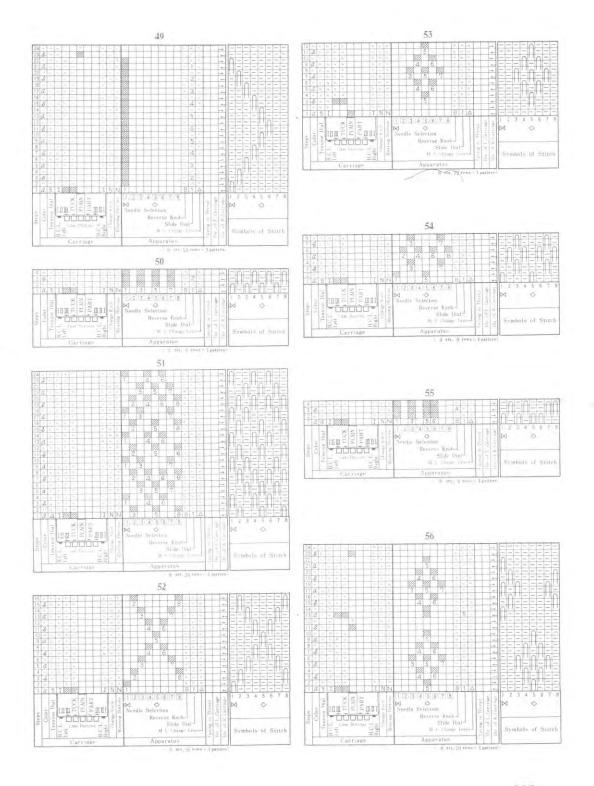


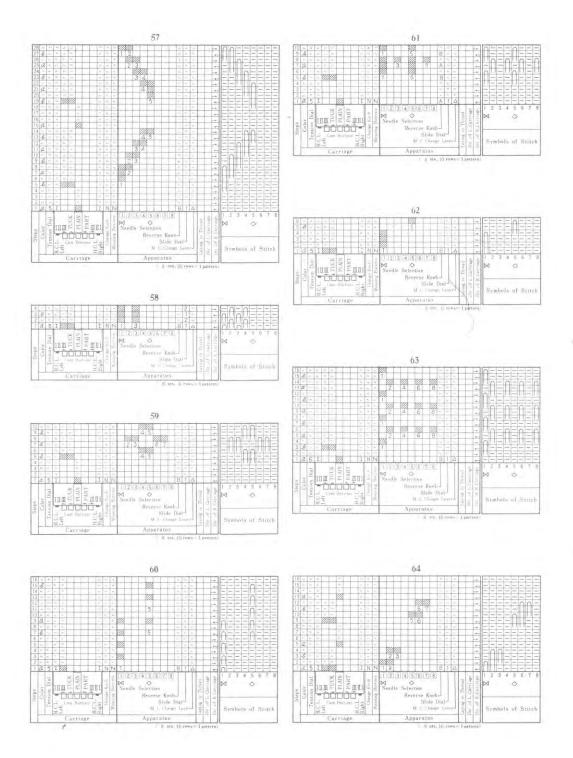




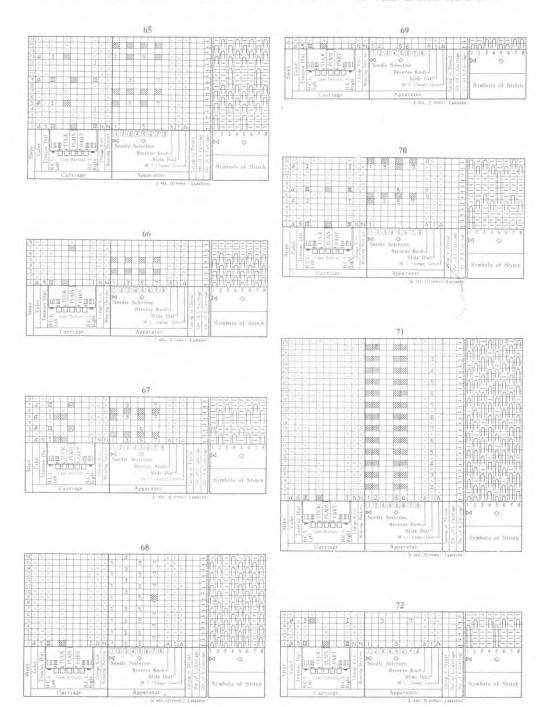
# DIAGRAMS FOR TUCK STITCH PATTERN



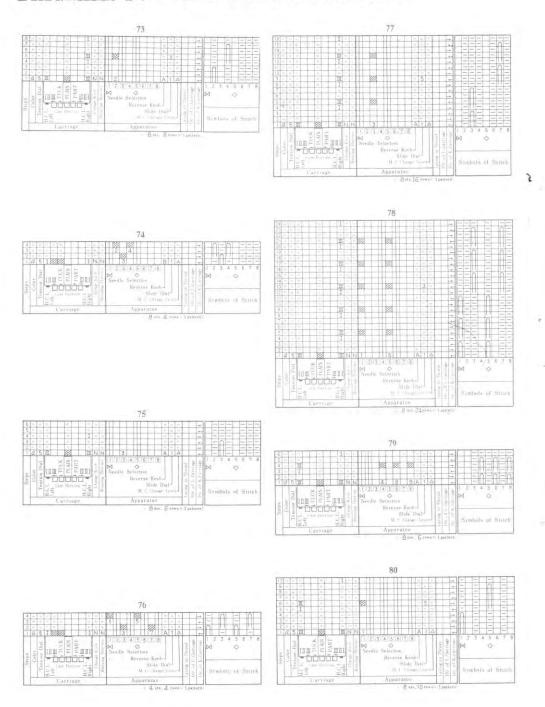


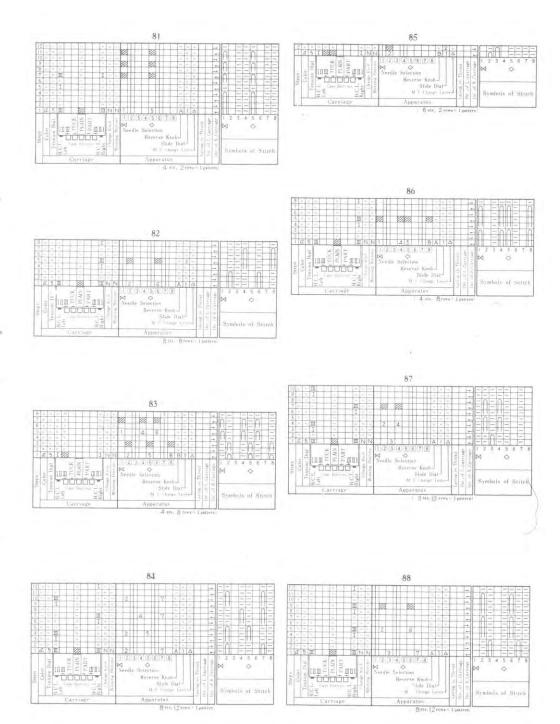


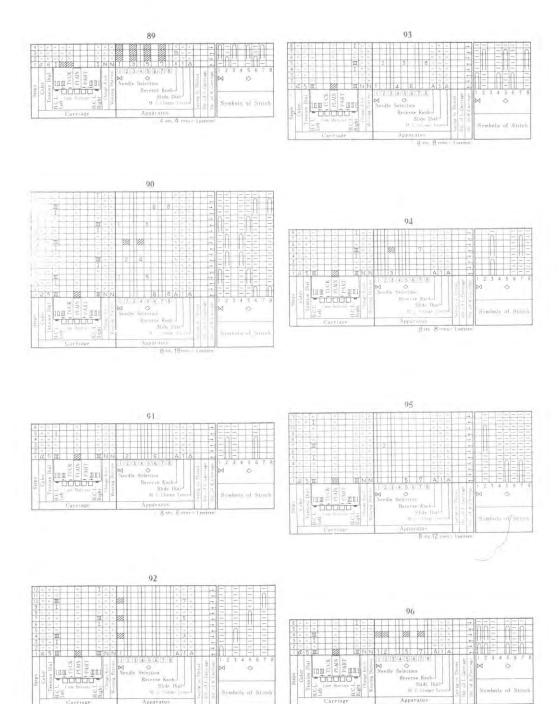
# DIAGRAMS FOR PULL-UP TUCK STITCH PATTERNS



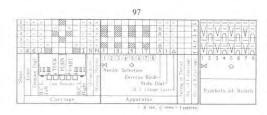
## DIAGRAMS FOR OPEN PATTERN STITCHES

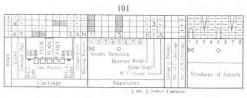






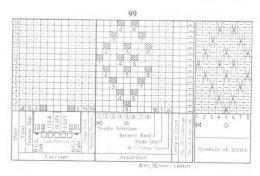
# DIAGRAMS FOR LACE-LIKE PATTERNS



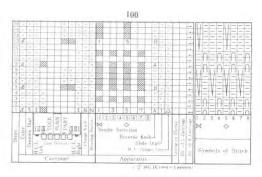






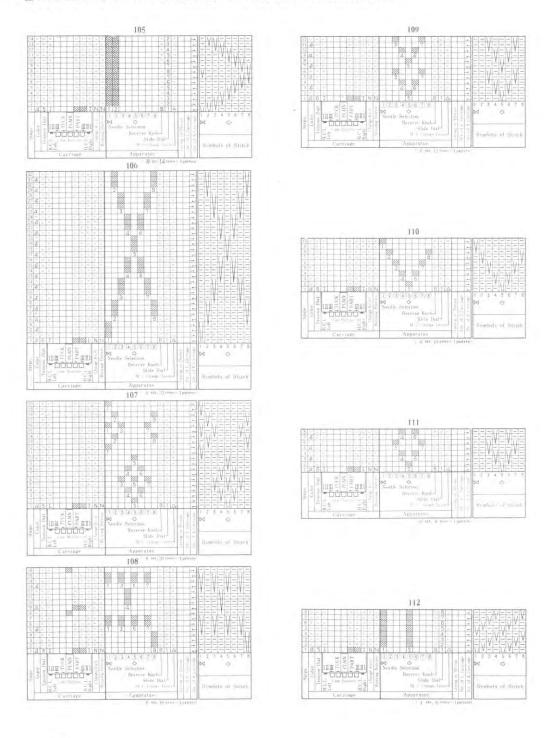




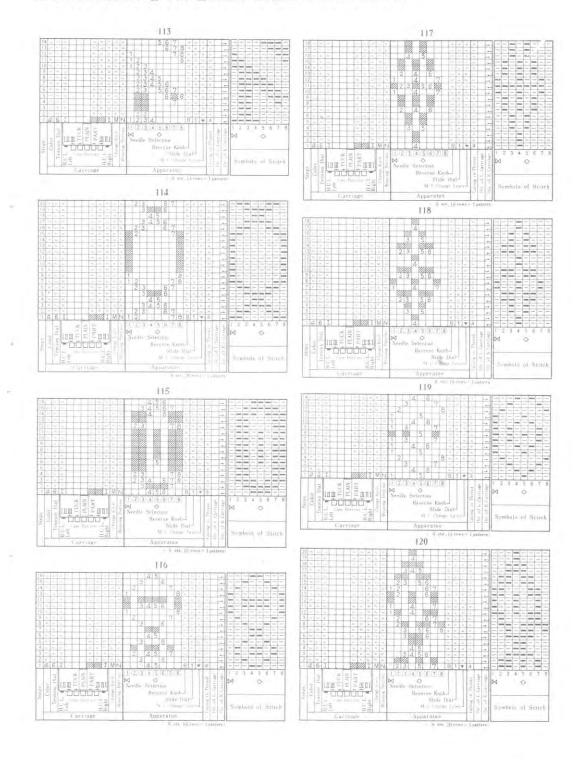


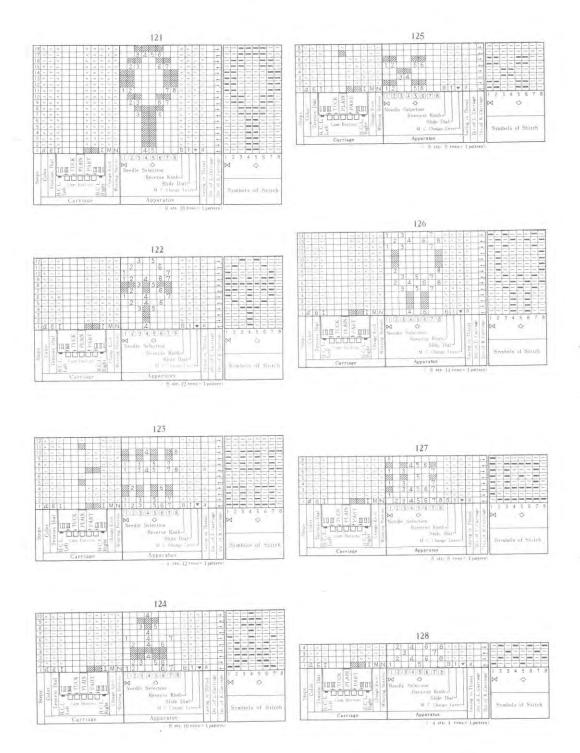


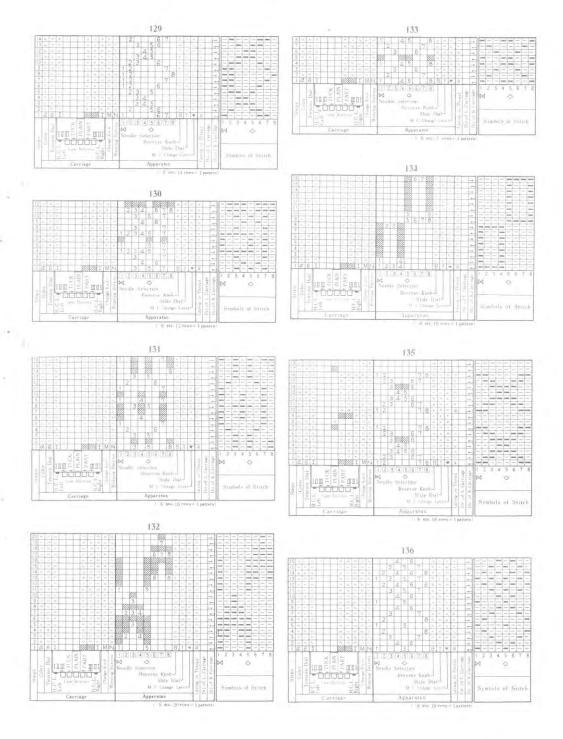
#### DIAGRAMS FOR SLIP STITCH PATTERN

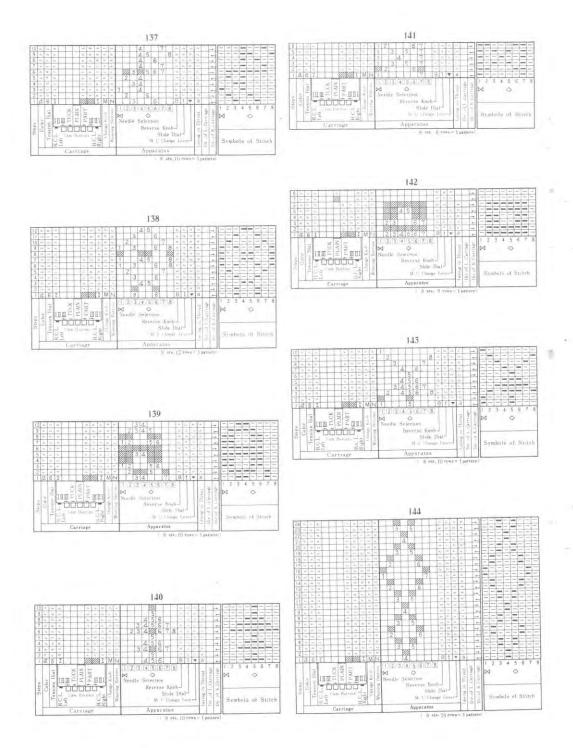


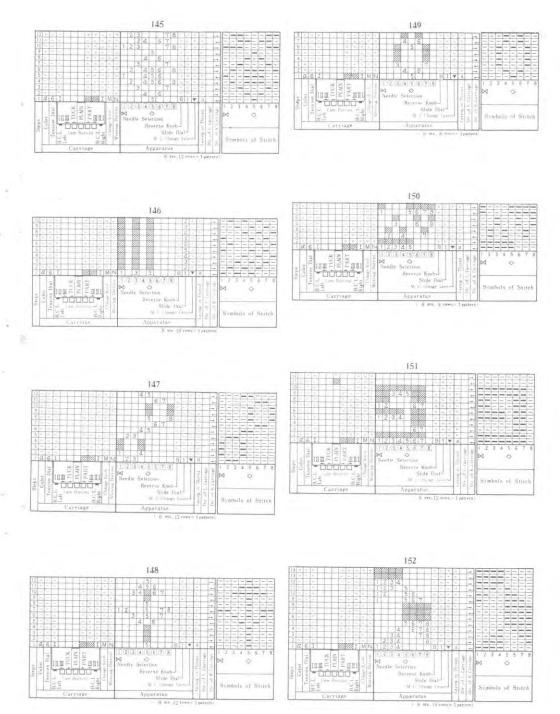
#### DIAGRAMS FOR FAIR ISLE PATTERNS

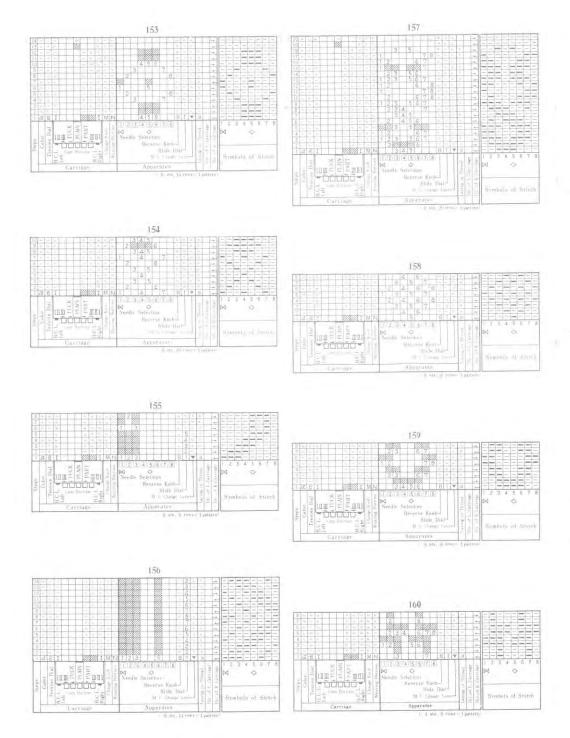


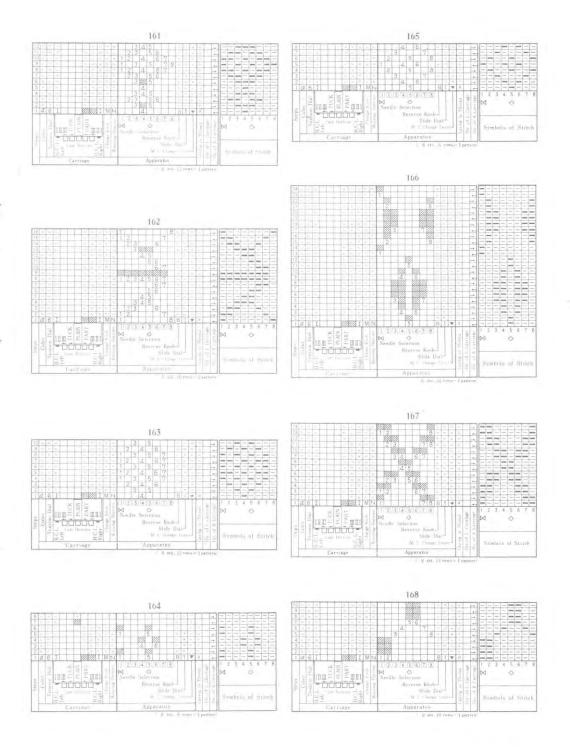




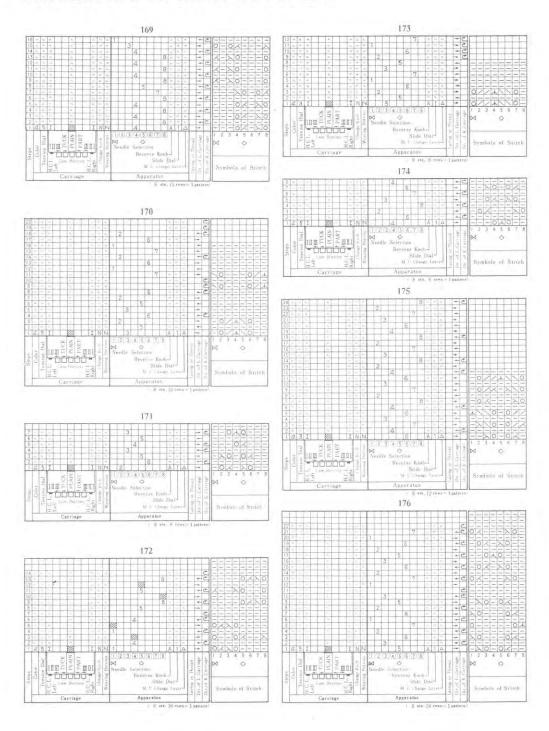


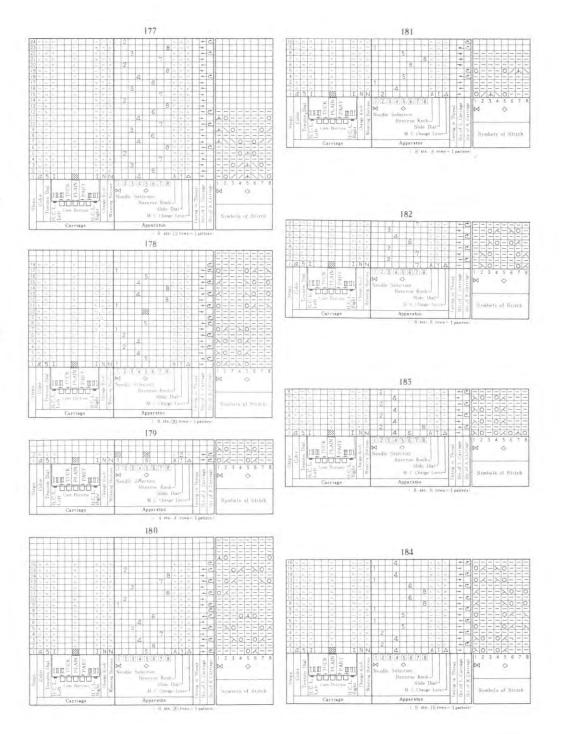


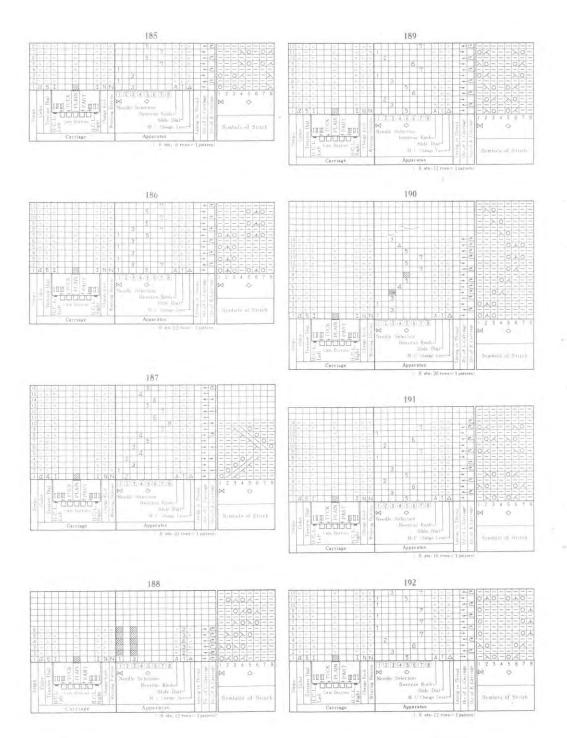


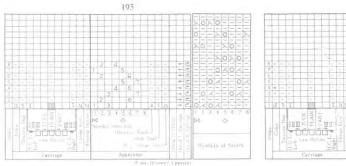


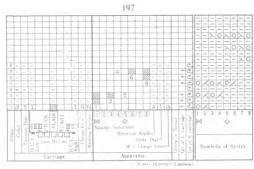
#### DIAGRAMS FOR LACE PATTERNS

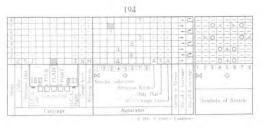


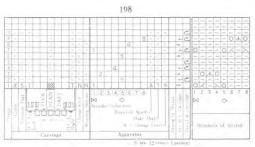




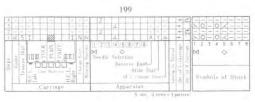


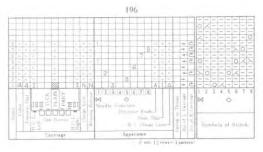




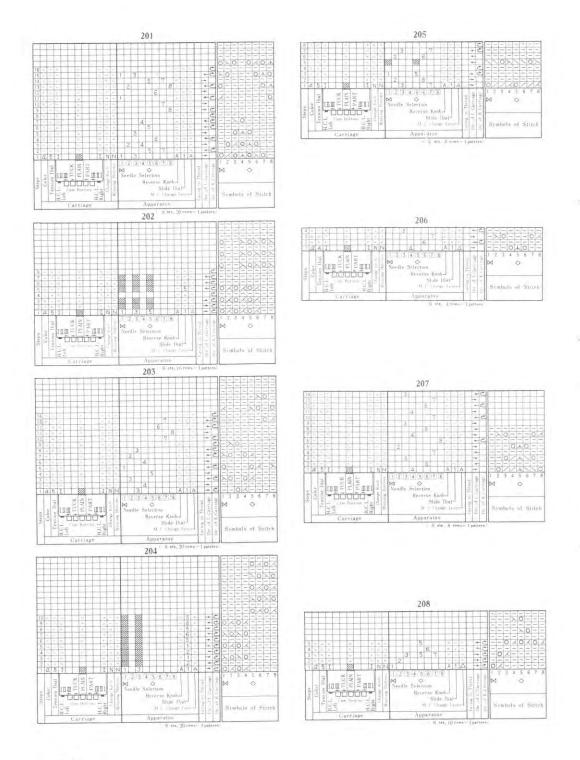


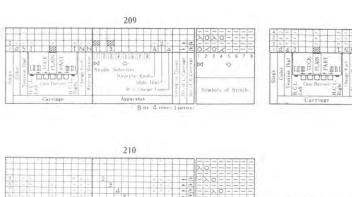




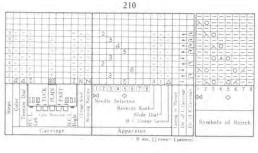




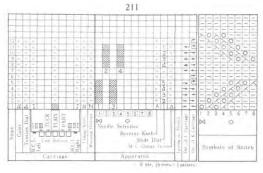




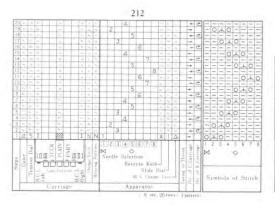




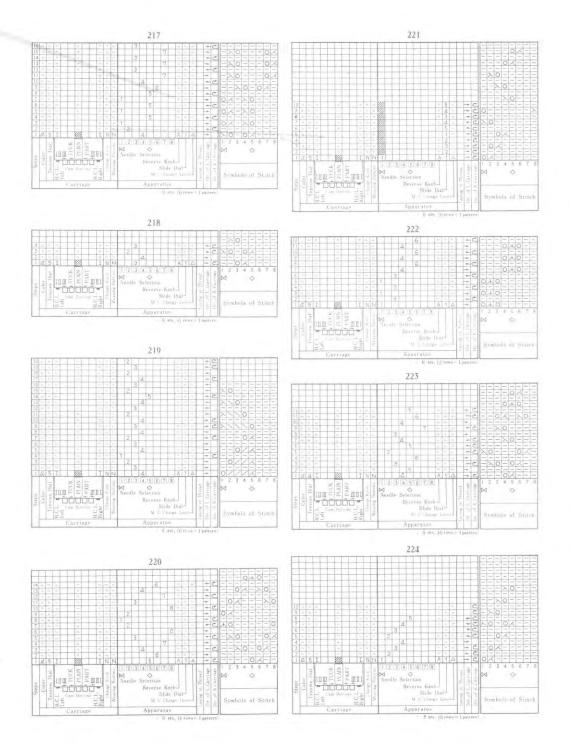




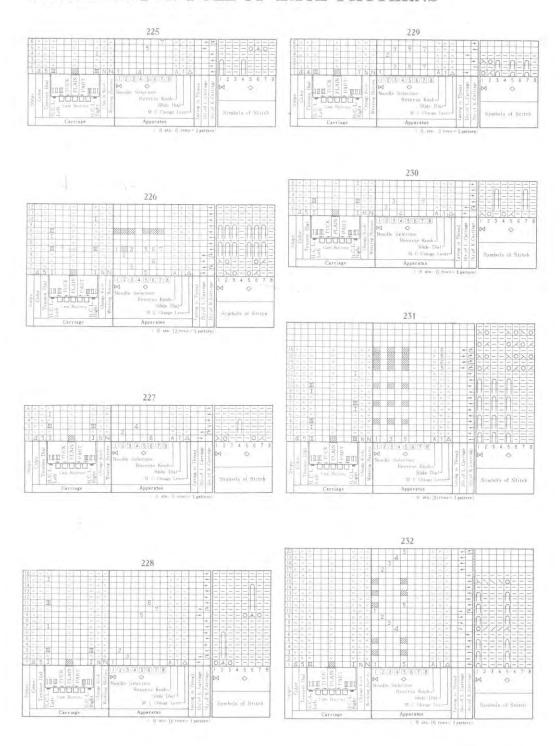


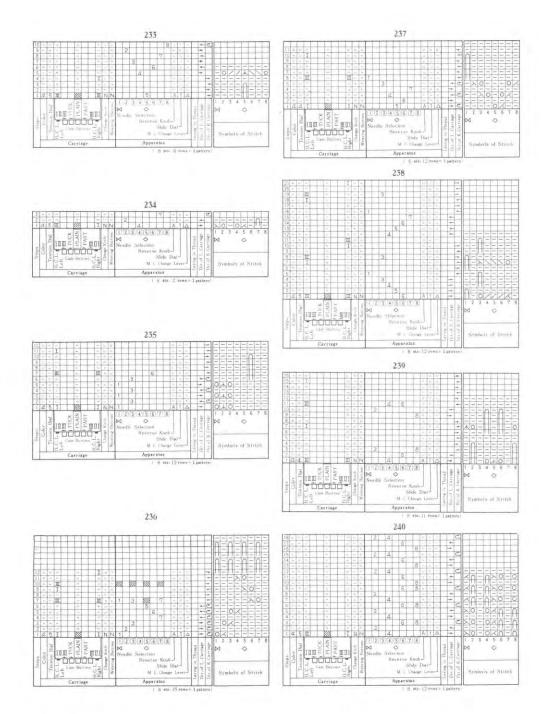


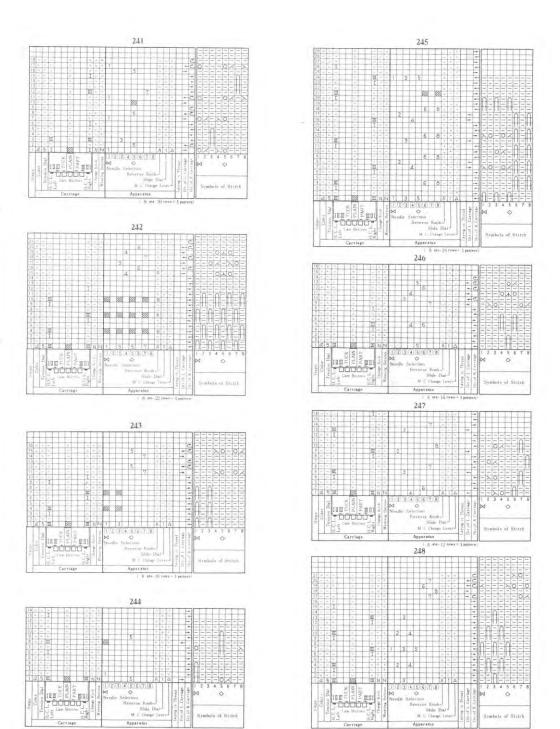


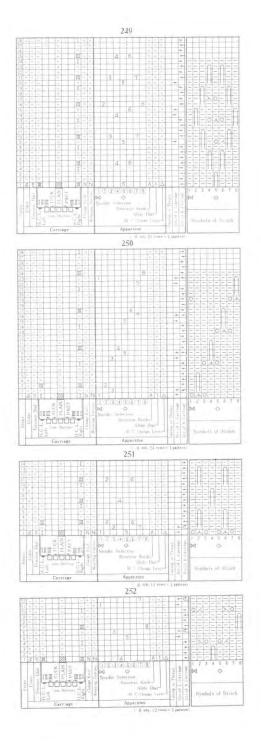


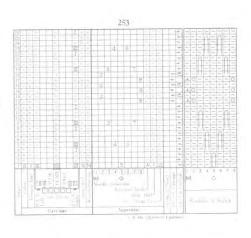
#### DIAGRAMS FOR PULL-UP LACE PATTERNS

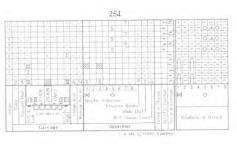


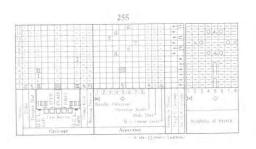


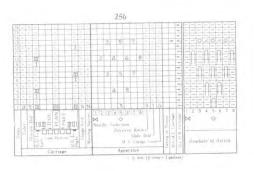


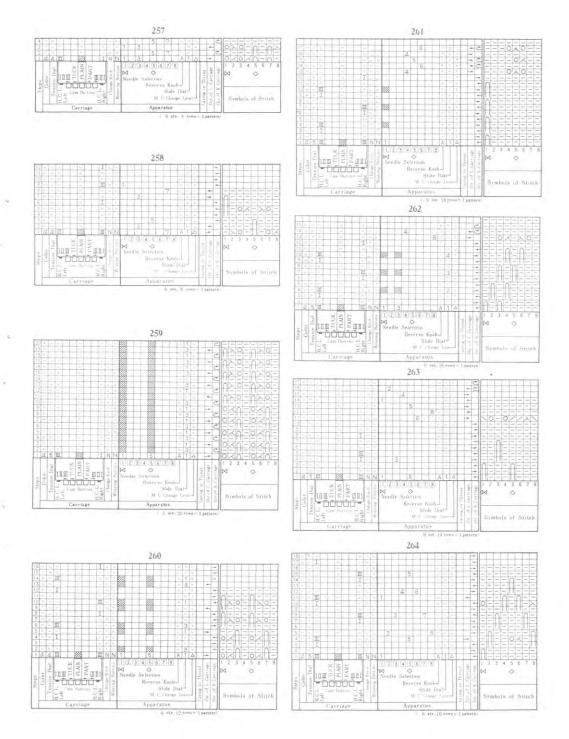




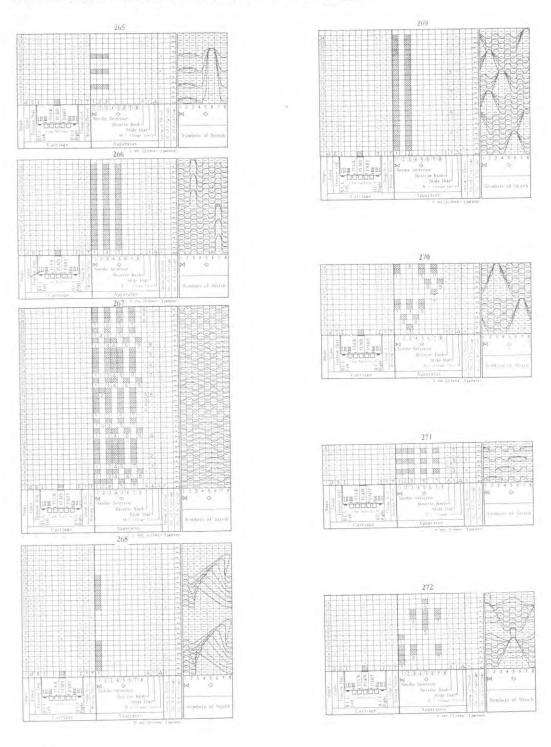


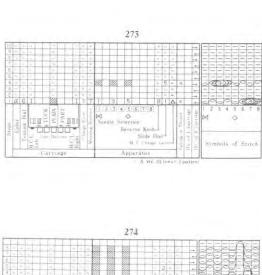






### DIAGRAMS FOR WEAVING PATTERNS



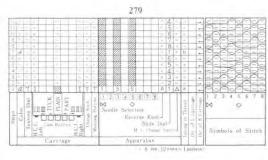






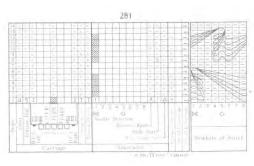


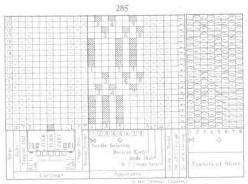


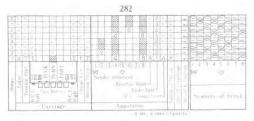










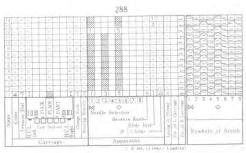


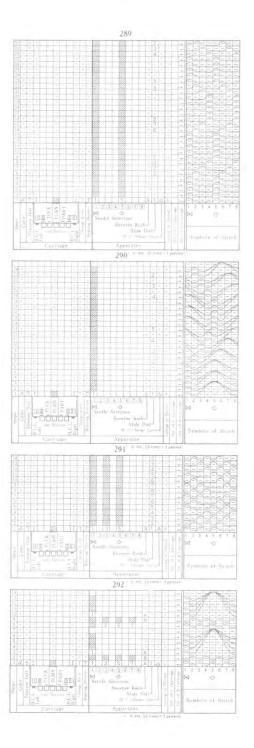




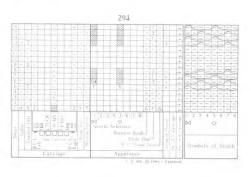




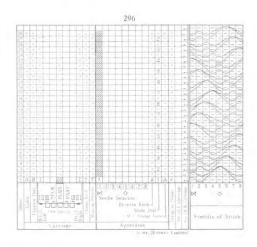


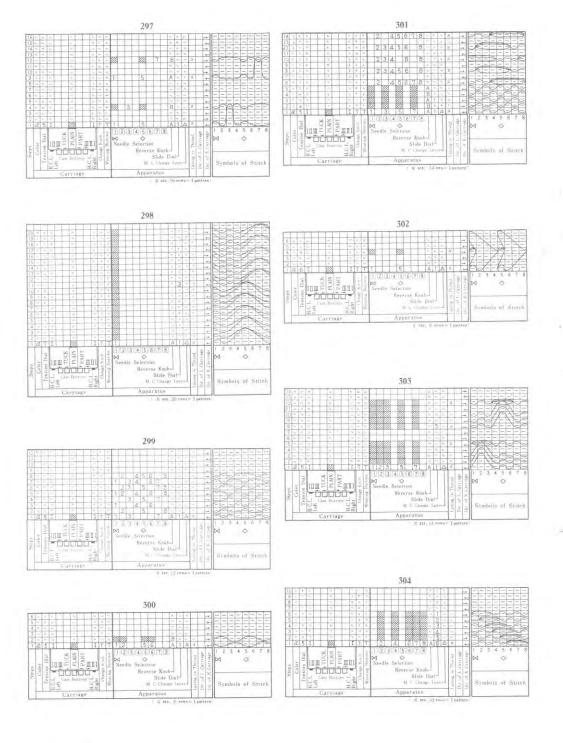


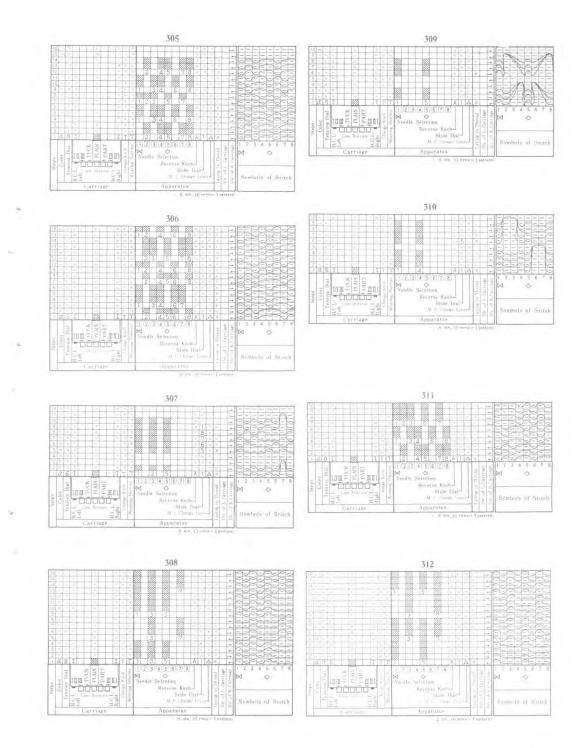


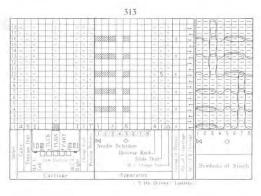










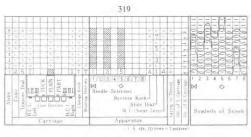












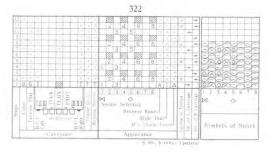




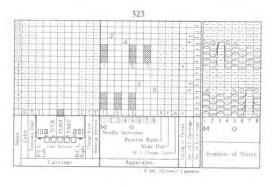
#### DIAGRAMS FOR WOVEN-LACE PATTERN STITCHES







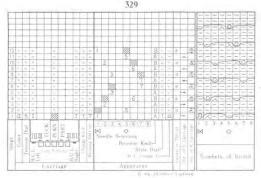


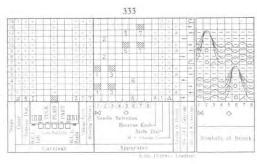








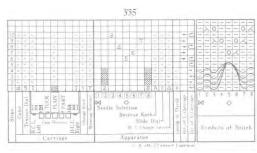






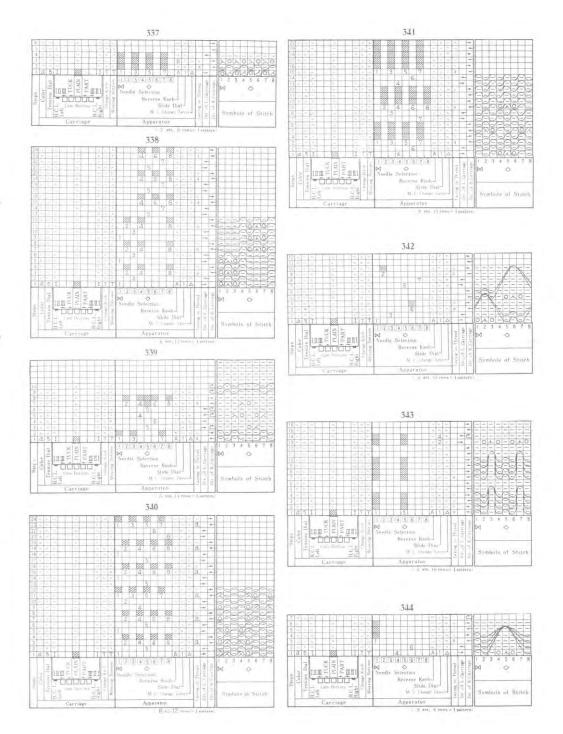


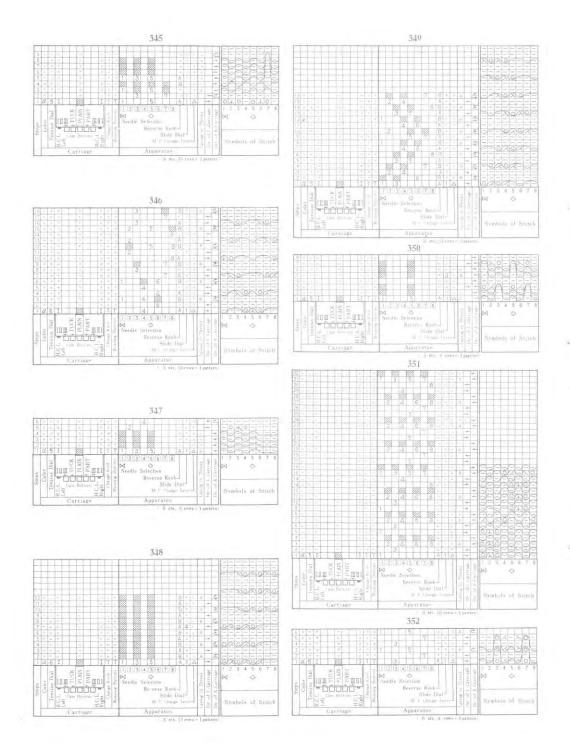


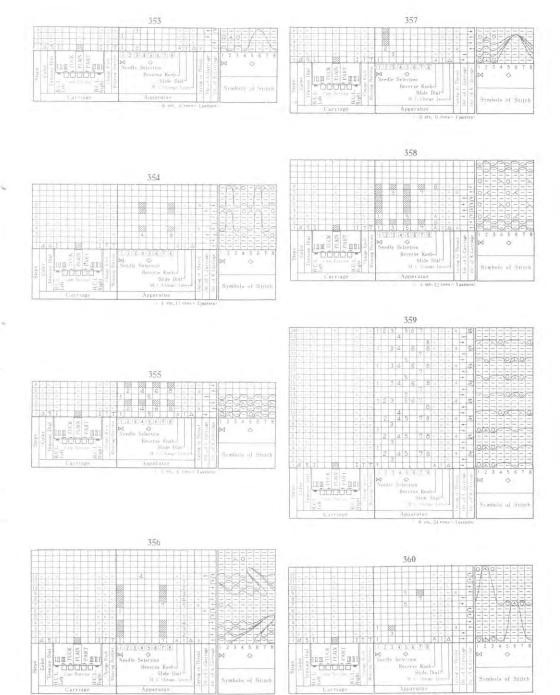




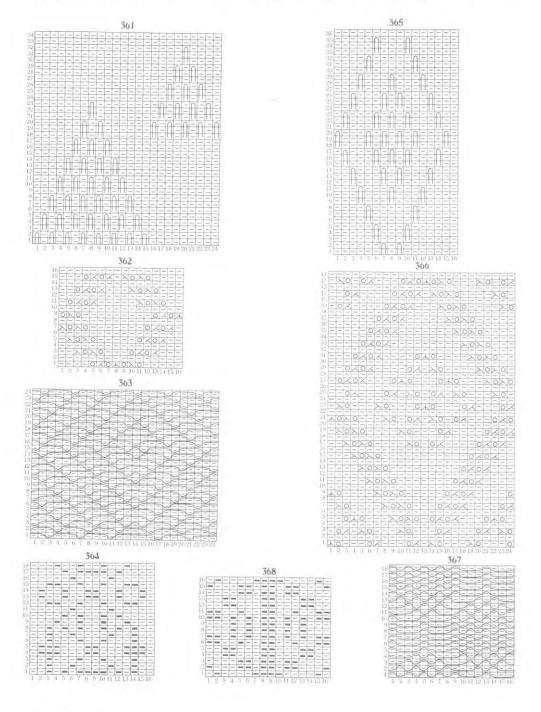




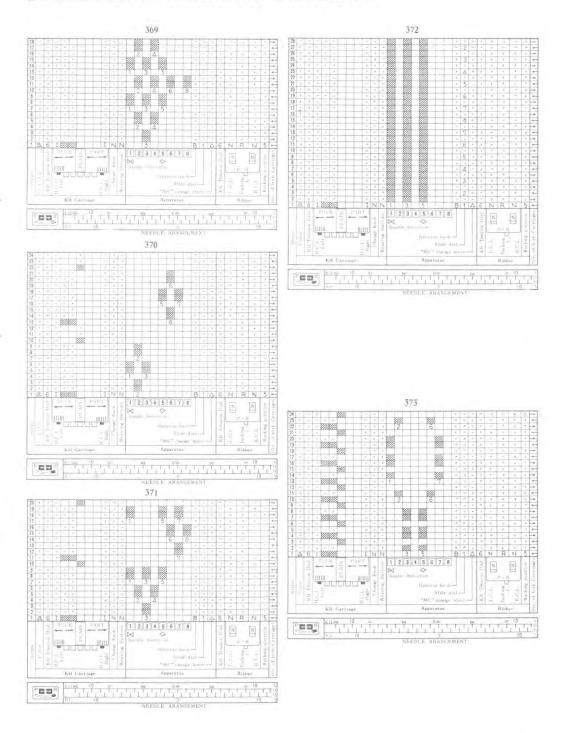


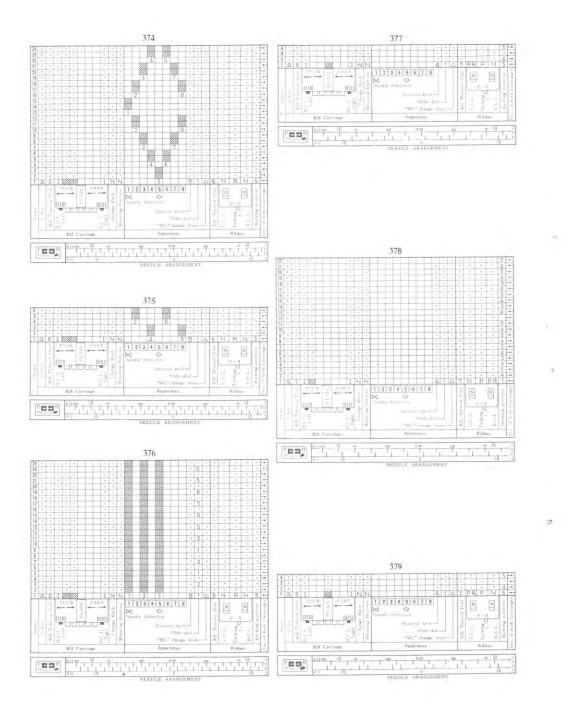


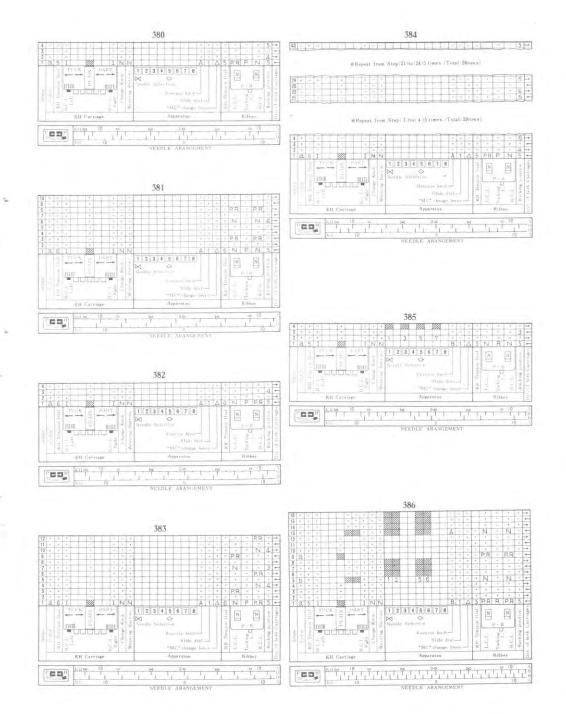
#### DIAGRAMS FOR APPLICATIONS OF PATTERN STITCHES

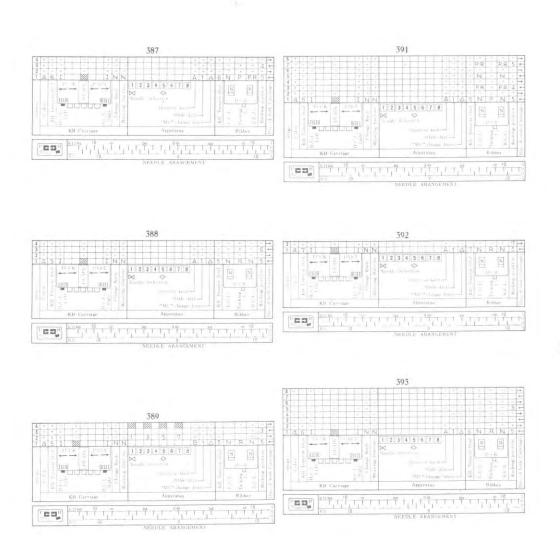


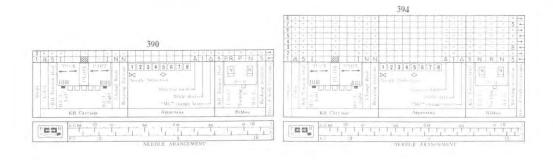
#### DIAGRAMS FOR RIBBING PATTERNS

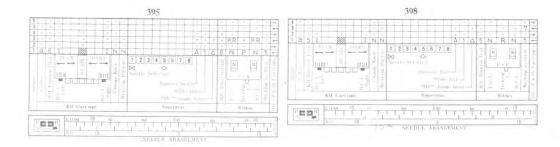


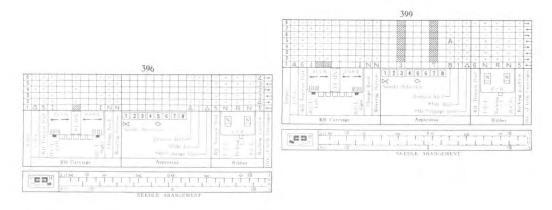


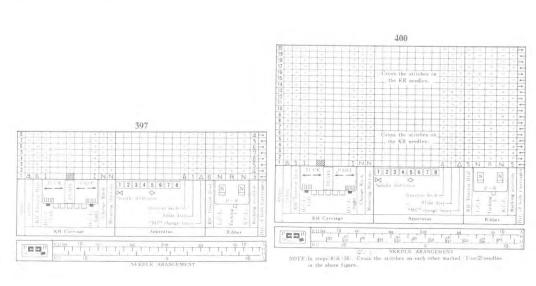




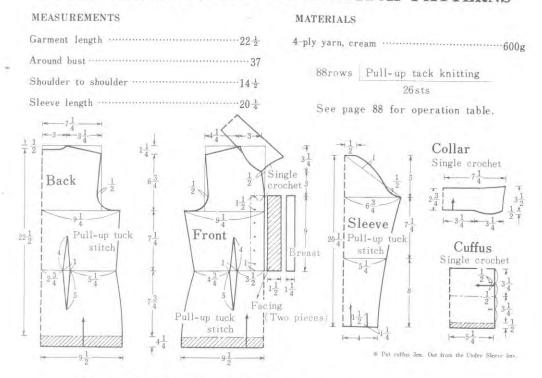




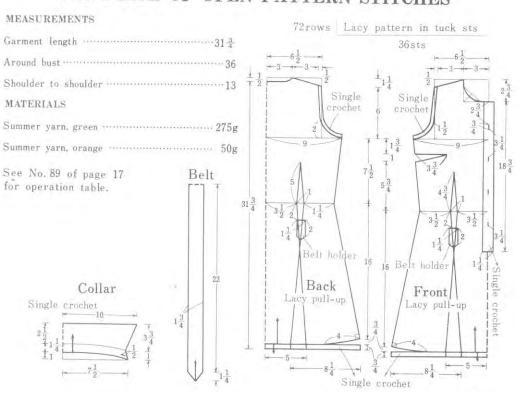




# PULL-OVER OF PULL-UP TUCK STITCH PATTERNS



# ONE PIECE OF OPEN PATTERN STITCHES



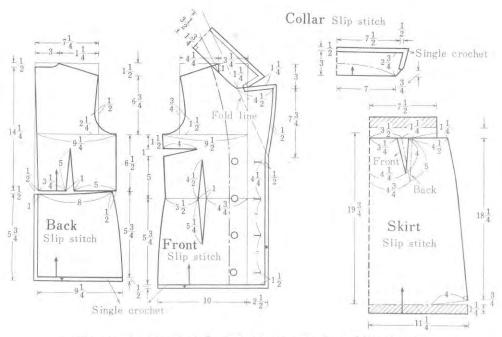
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# TWO PIECE OF LACE-LIKE PATTERNS

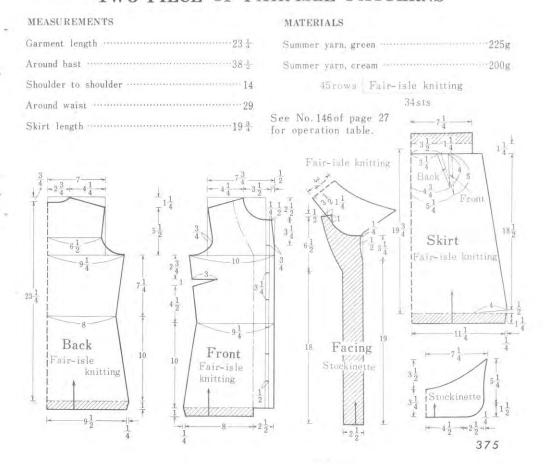
MEASUREMENTS	MATERIALS
Garment length $\cdots 24\frac{1}{2}$	4-ply yarn, rose pink850g
Around bust $\cdots 38\frac{1}{2}$	4-ply yarn, dark blue ····· 50g
Shoulder to shoulder ······14	46 rows Lace-like knitting
Sleeve lengh ······22	32sts
Around waist30	See No.530 of page 105 for operation table.
Skirt length $19\frac{3}{4}$ $19\frac{3}{4}$ $19\frac{3}{4}$ $10\frac{3}{4}$ $10\frac$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

# TWO PIECE OF SLIP STITCH PATTERNS

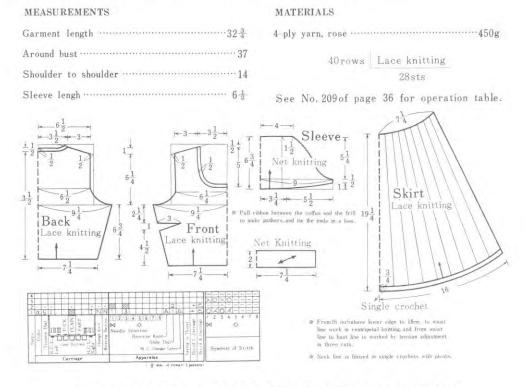
MEASUREMENTS	70 rows   Slip stitch knitting
Garment length20	37sts
Around bust $37\frac{1}{2}$	1
Sleeve lengh $\cdots 14^{\frac{1}{2}}$	7
Shoulder to shoulder · · · · · · 21	$\frac{1}{1}$
Around waist30	63
Skirt lenth $\cdots 19\frac{3}{4}$	Sleeve
	$20\frac{1}{2}$   Slip stitch
MATERIALS	Cuffus Slip stitch
4-ply yarn, sky blue850g	Single $2\frac{\frac{1}{2}}{2}$ crochet
See No.542 of page 109 for operation table	F 5 → 7 2
	Put the cuffus on top of sleeve fitting 0 mark point on each piece and work single crockets along
374	* 2



#### TWO PIECE OF FAIR-ISLE PATTERNS



#### ONE PIECE OF LACE PATTERNS



#### ONE PIECE OF PULL-UP LACE PATTERNS

# MEASUREMENTS

#### MATERIALS

4-ply yarn, spring green ······400g

58rows Pull-up lace knitting 30sts

40rows Stockinette

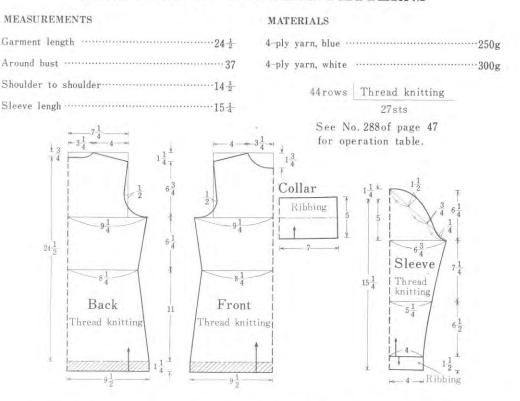
See No. 256of page 42 for operation table.

Pull-up lace knitting 9 Pull-up lace 31 Stockinette Stockinette Pull-up lace knitting Pull-up lace 3 1 Stockinette Stockinette 31 18 2 Back 18 1 Front 5 Pull-up lace Pull-up lace 5 knitting knitting Stockinette Stockinette Pull-up lace Pull-up lace Single crochet

# Finish the neck edge and armholes with 1cm, of single crochets, and lower edge with 1.5cm. ( single crochets.

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# PULL-OVER OF WEAVING PATTERNS

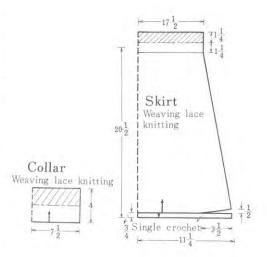


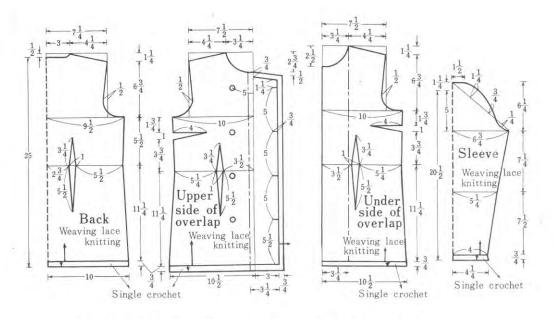
#### TWO PIECE OF WEAVING-LACE PATTERNS

#### MEASUREMENTS

25sts
45rows   Weaving lace knitting
4-ply yarn, yellow300g
4-ply yarn, white500g
MATERIALS
Skirt length20 1/2
Around waist
Sleeve lengh $\cdots 20^{\frac{1}{2}}$
Shoulder to shoulder $\cdots 14\frac{1}{2}$
Around bust39
Garment length21 1/4

See No. 340 of page 55 for operation table.





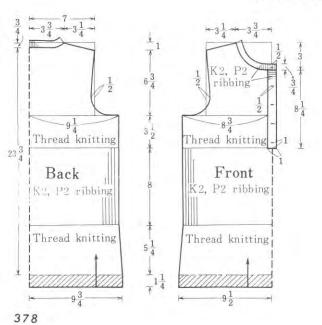
#### PULL-OVER OF APPLIED PATTERNS

# MEASUREMENTS Garment length $23\frac{3}{4}$ Around bust 37 Shoulder to shoulder 14 Sleeve length $20\frac{1}{4}$

#### MATERIALS

4-ply ya	rn, citron	yellow ·····		·····250g
4-ply ya	rn, white	········		·····200g
45 rows	Thread	knitting	47 rows	K2. plirb
	24sts			38sts

See No. 367 of page 59 for operation table.



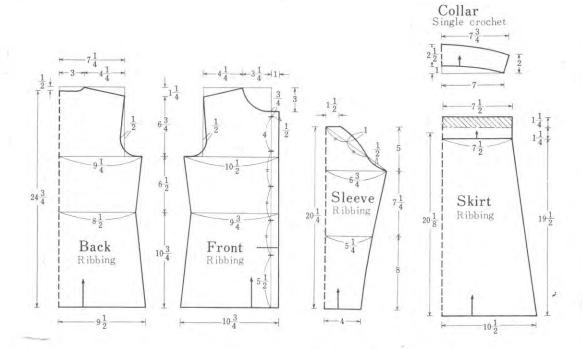


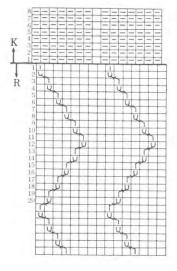
# TWO PIECE OF RIBBING PATTERNS

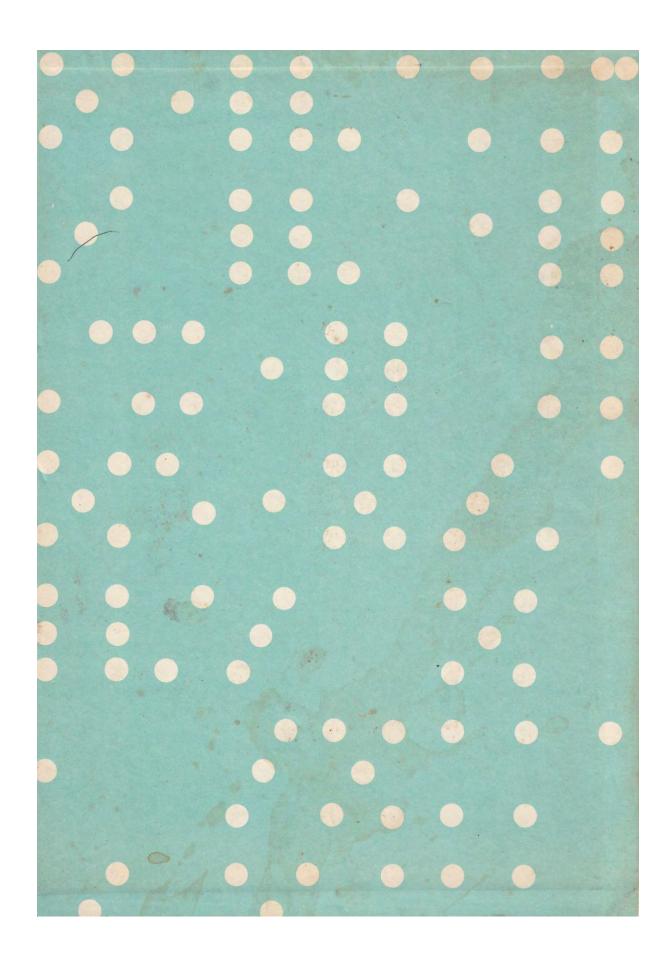
# MEASUREMENTS Garment length $24\frac{3}{4}$ Around bust $39\frac{1}{2}$ Shoulder to shoulder $14\frac{1}{2}$ Sleeve length $20\frac{1}{4}$ Around waist 30 Skirt length $20\frac{1}{8}$

#### MATERIALS

4-ply yarn, blue ····	80
42rows	Rib knitting
	27 sts







Jones KNITTING PATTERN