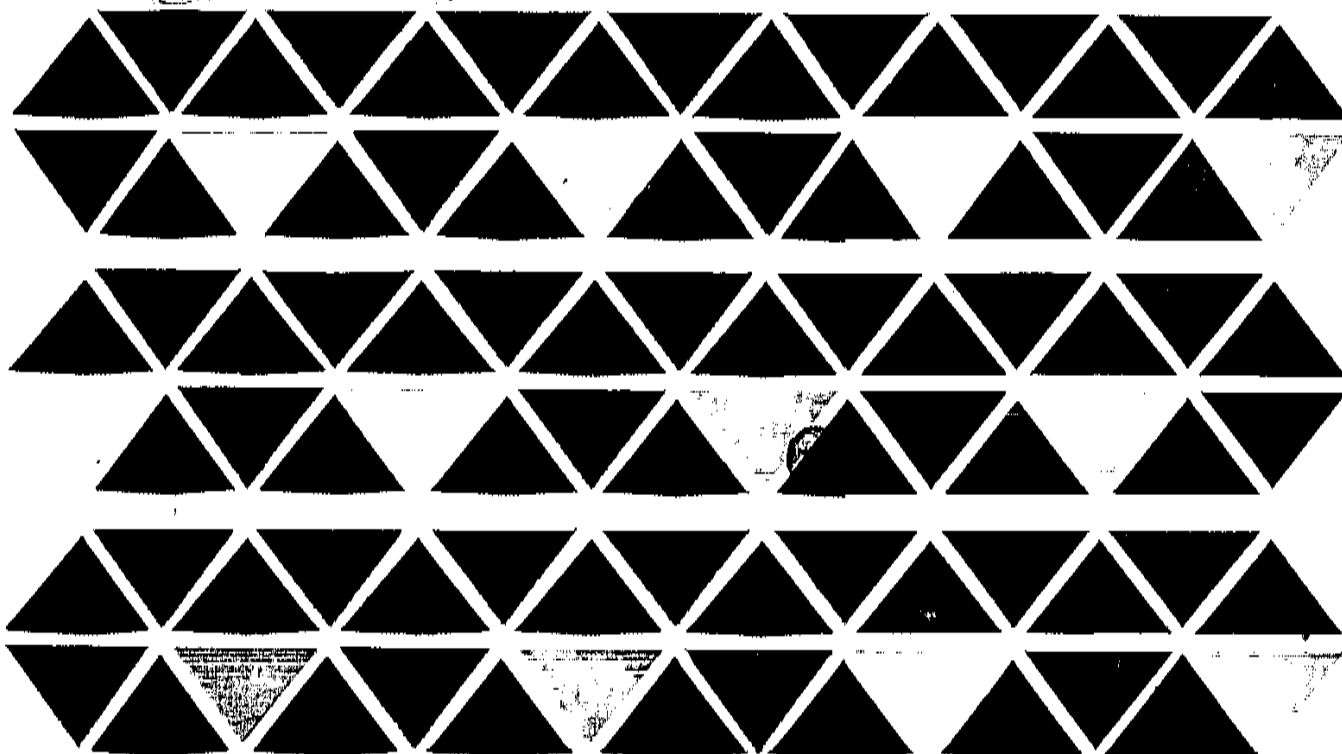


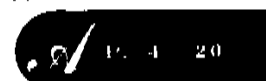
PATTERN BOOK

SINGER
KNITTING MACHINE
CARDMATIC-313

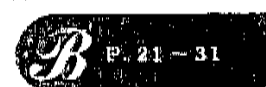


INDEX

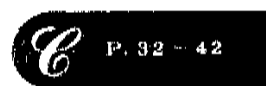
TUCK KNITTING



TUCK SLIP STITCHES



KNIT-IN



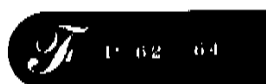
WEAVING



LACE KNITTING



TWO THREAD KNITTING



HOW TO USE OPERATION TABLE:

This column indicates one or more colors knitted as examples (See P. 3)

Set the Russel Lever of the carriage to the position given in this column (See P. 3)

Set the Side Knob of the carriage to the position given in this column

Set the Cam Lever of the carriage to the position given in this column

This column shows direction the carriage will move and the total number of rows to be knitted

The number of rows that shows through the window of the Pattern Panel

One row is knitted in this position to prepare for the pattern and is not added to the total number of pattern rows
After knitting this row, prepare for the pattern following the zero (0) row

When the card is repeated, return the card to (●) mark of red arrow and also end the pattern on this row

The pattern will begin with the number 0

This indicates the pattern has been completed

CARD	No	A	KNITTING < 1 >
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.
		STOCKINET	
0		SLIP	
1		SLIP	
2			
3			
4			
42			
STOP			
SET STOP KNOB TO ▼ MARK. (NEEDLE SELECTING)			
ONE PATTERN 24STITCHES AND 44ROWS.			

This mark means to repeat the operation just performed

Set the Stop Knob on the Pattern Panel to either ● or ▼ as indicated

The diagram is illustrated in the operation table where needle selecting is required (See P. 3)

* YARN

In the column, YARN, the following abbreviations are used

- Main Indicates the yarn passed through the Yarn Feeder (Refer to Fig. 1)
- 2nd Indicates any yarn of contrasting color for Two Thread knitting, Knit-In (Fair Isle) knitting and Weaving
- For Two thread knitting Indicates the yarn threaded through the Adding Yarn feeder (Fig. 2)
- For Knit-In (Fair Isle) The secondary yarn is placed at the Yarn Holder on the Arm. In this case, Attach Auxiliary Arms into the Auxiliary Arm Slots marked "KNIT-IN" on both right and left side
- For Weaving Indicates the threading yarn placed on Yarn Holder for Weaving. Attach Auxiliary Arms at the Auxiliary Arm Slots marked "WEAVING" provided both right and left (Fig. 3)

* RUSSEL LEVER

The Russel lever has two positions

- Center Indicated by Blue eyes
When Russel Lever is set at this position, the needles in B and C position will knit, while the needles in D position will not knit
- Right Indicated by Red eyes
The Russel Lever is set to this position in order to knit the needles placed in D position

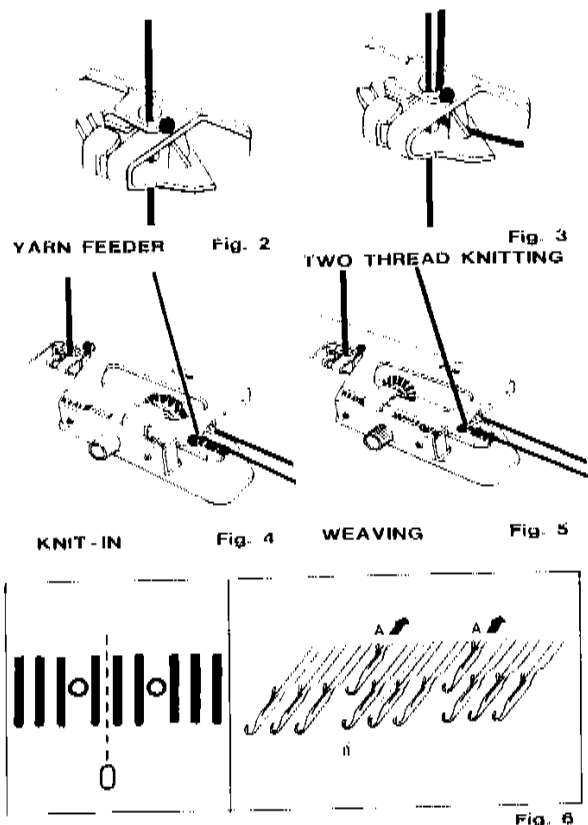
* FEEDING DIAL

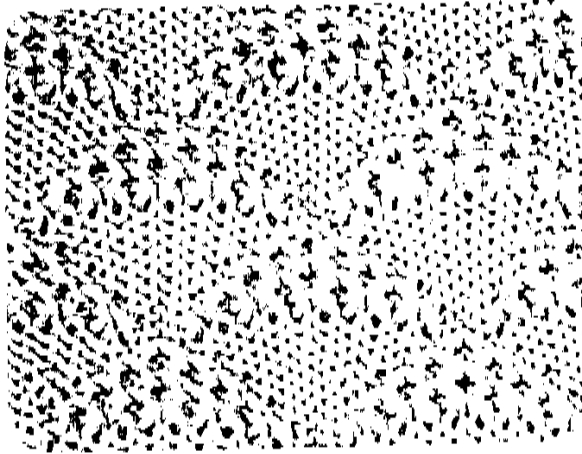
Use this dial when setting the Punch Card to the Pattern Panel, either in forward or reverse direction

* NEEDLE SELECTING

Needle selecting starts at the center of 0 on the needle bed. Transfer the stitch at the position next to the latch needles, as shown in the figure. The latch needles which are not in use are to be pushed back to A position. You may place needles which are not in use to A position to begin with. However, you must be careful not to mistake the locations of latch needles to be tested

(See Fig. 6. The right half is the actual needle setting for the left symbol)

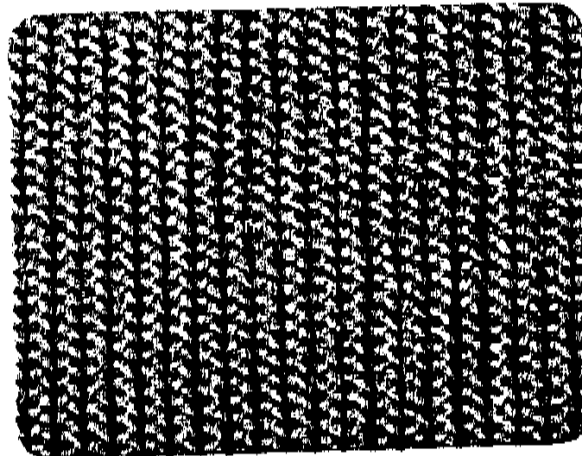




CARD No. 12-A TUCK KNITTING <1>					
PAT. RS	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS)
0		STOCKINET		▼	→
1		TUCK		▼	→
2		TUCK		▼	→
58					→
STOP					→

SET STOP KNOB TO ▼ MARK

ONE PATTERN 12 STITCHES AND 20 ROWS



CARD No. 1-A TUCK KNITTING <2>					
PAT. RS	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS)
0		STOCKINET		▼	→
1		TUCK		▼	→
2		TUCK		▼	→
58					→
STOP					→

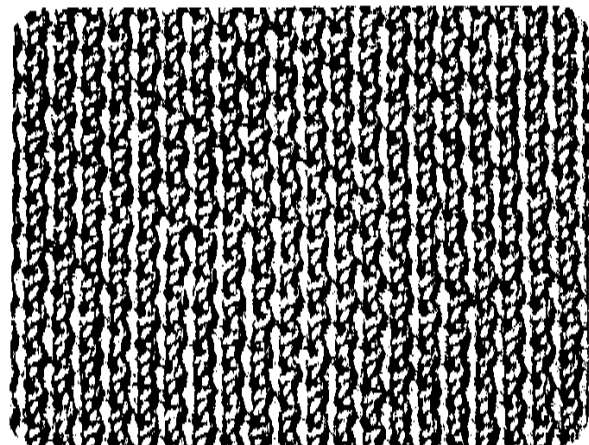
SET STOP KNOB TO ▼ MARK

ONE PATTERN 25 STITCHES AND 20 ROWS

CARD No. 7 A TUCK KNITTING <3>					
PAT. RS	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS)
0		STOCKINET	●	▼	→
1		STOCKINET	●	▼	→
2		TUCK	●	▼	→
3		STOCKINET	●	▼	→
4		*	●	▼	→
58					→
STOP					→

SET STOP KNOB TO ▼ MARK
Repeat the above procedure

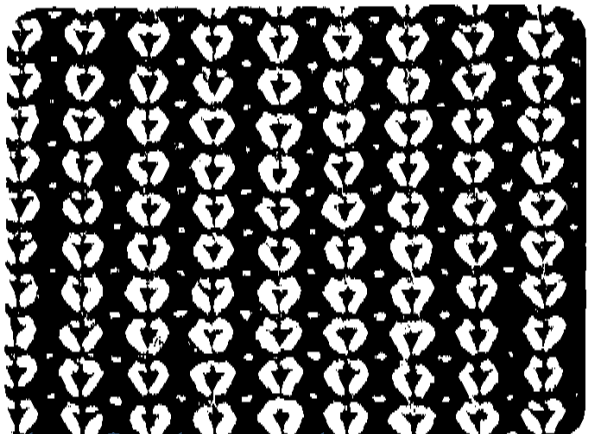
ONE PATTERN 25 STITCHES AND 4 ROWS

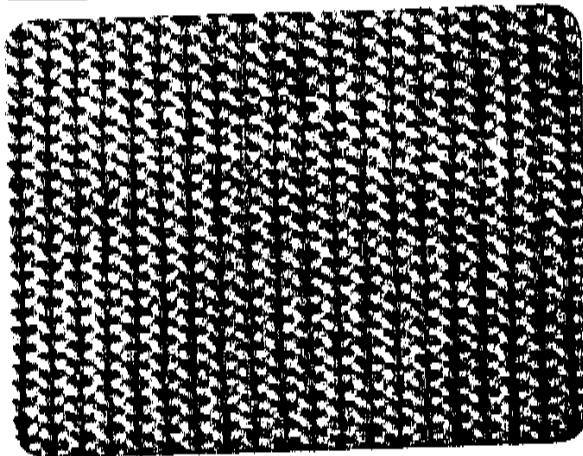
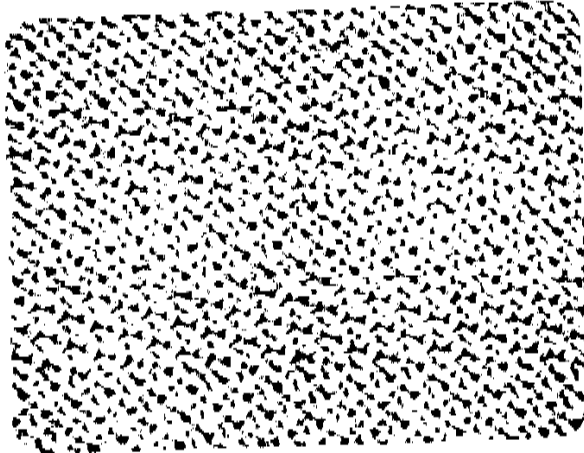


CARD No. 7 A TUCK KNITTING <4>					
PAT. RS	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS)
0		STOCKINET	●	▼	→
1		TUCK	●	▼	→
2		TUCK	●	▼	→
3		*	●	▼	→
4		*	●	▼	→
58					→
STOP					→

SET STOP KNOB TO ▼ MARK.
Change color at every third row

ONE PATTERN 15 STITCHES AND 4 ROWS





6

CARD No. 8-A TUCK KNITTING <5>					
PAT RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS)
	037 20	LOCK KINET	●	▼	
0		TUCK	●	▼	
58		TUCK	●	▼	
STOP					

SET STOP KNOB TO ▼ MARK

ONE PATTERN 15 STITCHES AND 110 ROWS

CARD No. 7-A TUCK KNITTING <6>					
PAT RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS)
		LOCK KINET	●	▼	
0		TUCK	●	▼	
58		TUCK	●	▼	
STOP					

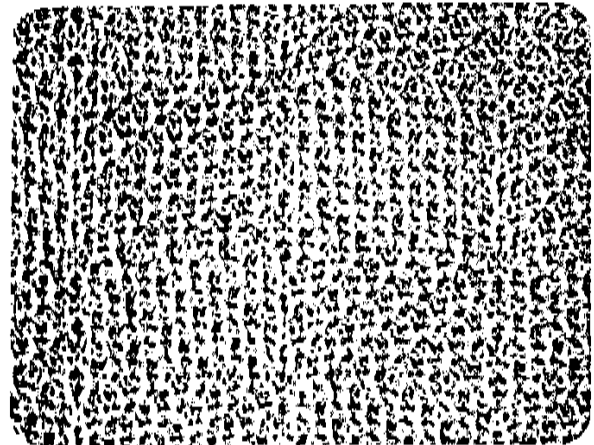
SET STOP KNOB TO ▼ MARK

ONE PATTERN 25 STITCHES AND 110 ROWS

CARD No. 18-A TUCK KNITTING <7>					
PAT RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS)
	037 20	STOCK KINET	●	▼	
0		TUCK	●	▼	
42		TUCK	●	▼	
STOP					

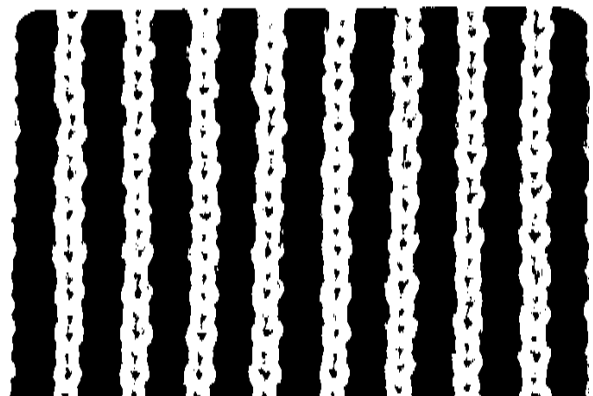
SET STOP KNOB TO ▼ MARK.

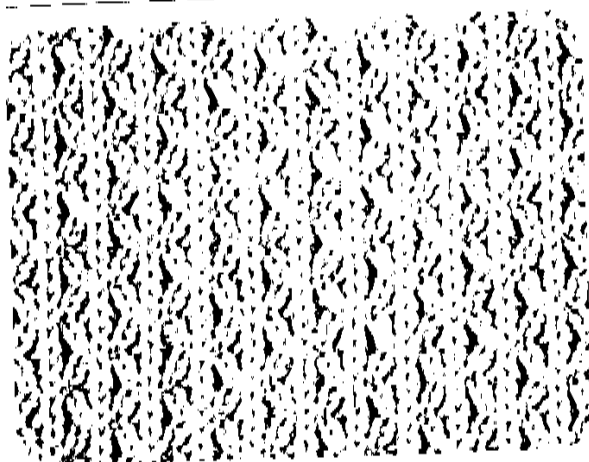
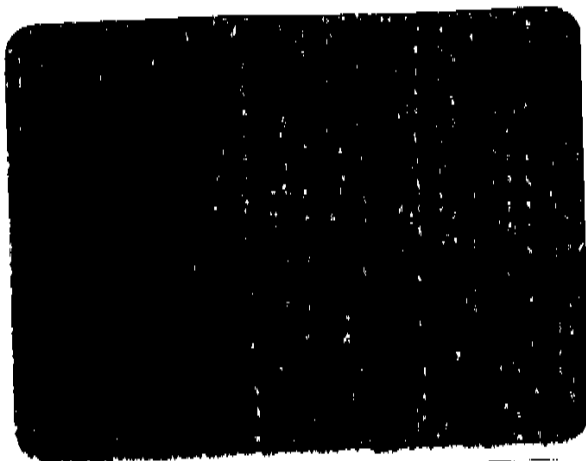
ONE PATTERN 24 STITCHES AND 44 ROWS



CARD No. 7-A TUCK KNITTING <8>					
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS)
		STOCK KINET	●	▼	
0		TUCK	●	▼	
1		TUCK	●	▼	
2			●	▼	
3			●	▼	
4			●	▼	
58	*		●	▼	
STOP					

SET STOP KNOB TO ▼ MARK
P. 1 change color at every third row





CARD No. 5-A TUCK KNITTING <9>					
PAT. RS	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)
		STOCKINET	●	▼	→
		TUCK	●	▼	→
		TUCK	●	▼	→
58					



SET STOP KNOB TO ▼ MARK

ONE PATTERN 45 STITCHES AND 2 ROWS

CARD No. 3-A TUCK KNITTING <10>					
PAT. RS	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)
		STOCKINET	●	▼	→
		TUCK	●	▼	→
		TUCK	●	▼	→
54					



SET STOP KNOB TO ▼ MARK

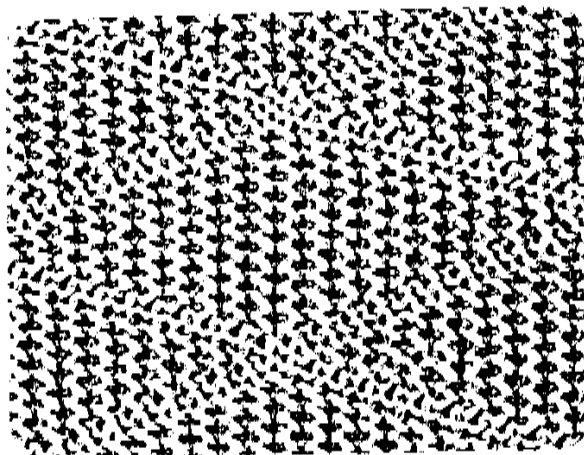
ONE PATTERN 45 STITCHES AND 2 ROWS

CARD No. 19 A TUCK KNITTING <11>					
PAT. RS	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)
		STOCKINET	●	▼	→
		TUCK	●	▼	→
		TUCK	●	▼	→
46					
STOP					



SET STOP KNOB TO ▼ MARK

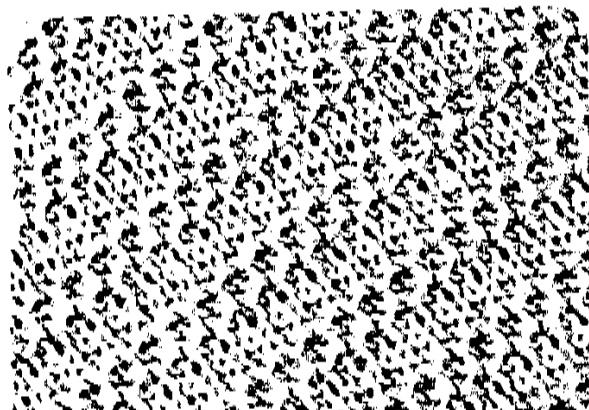
ONE PATTERN 24 STITCHES AND 24 ROWS

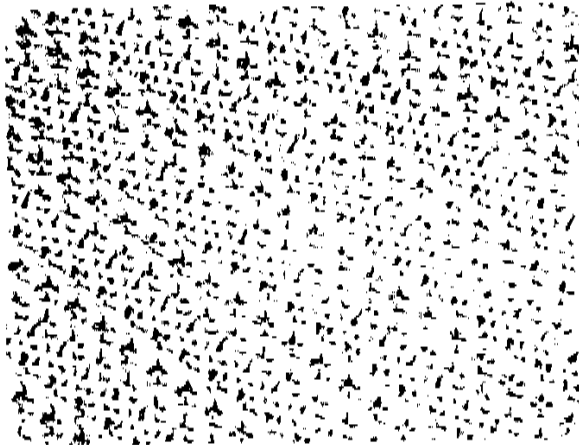


CARD No. 9 A TUCK KNITTING <12>					
PAT. RS	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)
		STOCKINET	●	▼	→
		TUCK	●	▼	→
		TUCK	●	▼	→
58					
STOP					



SET STOP KNOB TO ▼ MARK



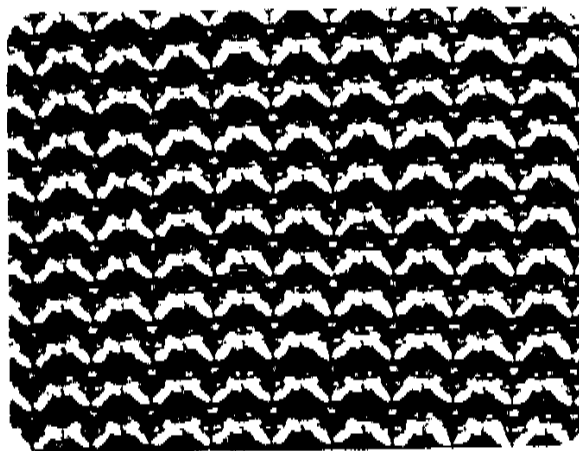


CARD No. 9-B TUCK KNITTING<13>					
PAT. RS	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0	—	STOCKINET	●	▼	→
1	—	TUCK	●	▼	→
2	—	TUCK	●	▼	→
3	—				→
4	—				→
58	—				→
STOP					→



SET STOP KNOB TO ▼ MARK

ONE PATTERN 6 STITCHES AND 12 ROWS



CARD No. 1-A TUCK KNITTING<14>					
PAT. RS	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0	—	STOCKINET	●	▼	→
1	—	TUCK	●	▼	→
2	—				→
3	—				→
4	—				→
58	—				→
STOP					→



SET STOP KNOB TO ▼ MARK

* Change color at every third row

ONE PATTERN 2 STITCHES AND 4 ROWS

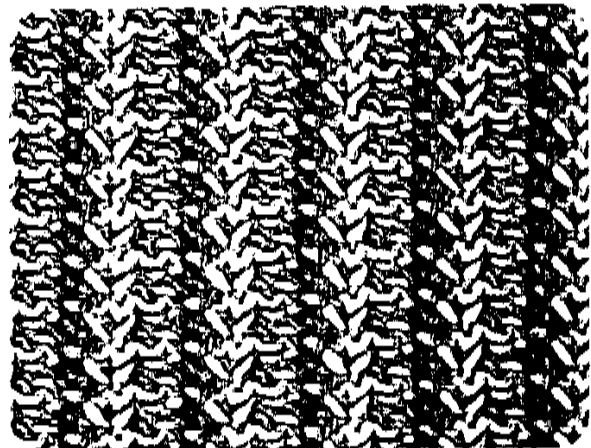
CARD No. 4 A TUCK KNITTING<15>					
PAT. RS	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0	—	STOCKINET	●	▼	→
1	—	TUCK	●	▼	→
2	—				→
3	—				→
4	—				→
58	—				→
STOP					→



SET STOP KNOB TO ▼ MARK

* Change color at every third row

ONE PATTERN 4 STITCHES AND 4 ROWS

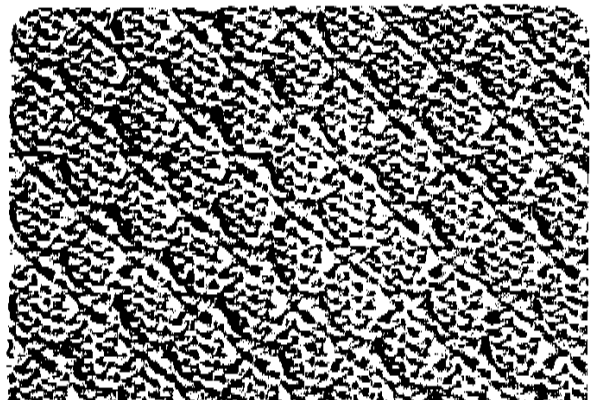


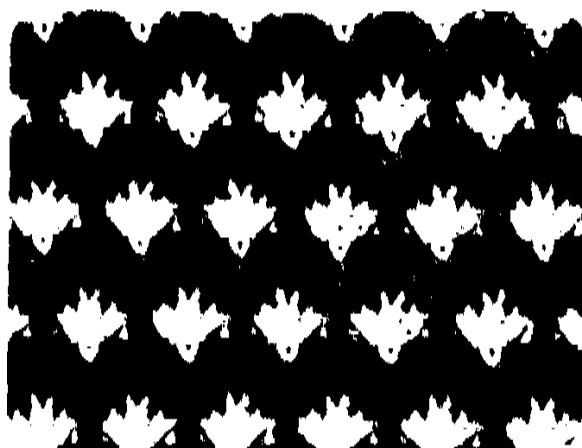
CARD No. 3 A TUCK KNITTING<16>					
PAT. RS	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0	—	STOCKINET	●	▼	→
1	—	STOCKINET	●	▼	→
2	—	TUCK	●	▼	→
3	—				→
4	—				→
54	—				→
STOP					→



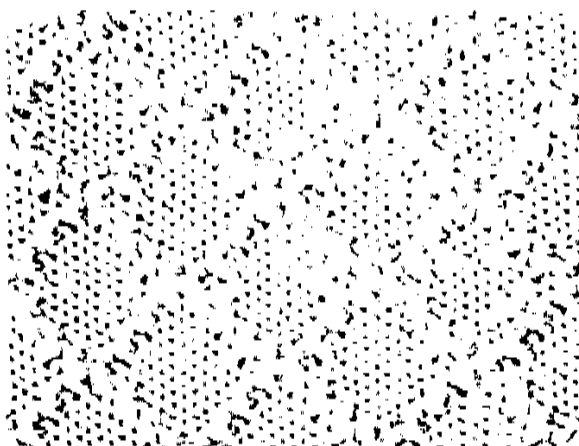
SET STOP KNOB TO ▼ MARK

* Repeat the above procedure





CARD		No. 3 - A		TUCK KNITTING (17)		
PAT	RS	YARN	CAM LEV	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS)
	—					
	—					
	0		TUCK			
	3		TUCK			
	4					
	7					
	8					
	11					
	12					
	54					
STOP						
SET STOP KNOB TO MARK		ONE PATTERN 4 STITCHES AND 24 ROWS				



CARD No. TO = A TUCK KNITTING (B)

PAT HS	YARN	CAM LEV 1	RUSSET LEV	SIDE LEV (BOTTOM)	D (HS)
1		1	1	1	1
2		2	2	2	2
3		3	3	3	3
4		4	4	4	4
5		5	5	5	5
6		6	6	6	6
7		7	7	7	7
8		8	8	8	8
9		9	9	9	9
10		10	10	10	10
11		11	11	11	11
12		12	12	12	12
13		13	13	13	13
14		14	14	14	14
15		15	15	15	15
16		16	16	16	16
17		17	17	17	17
18		18	18	18	18
19		19	19	19	19
20		20	20	20	20
21		21	21	21	21
22		22	22	22	22
23		23	23	23	23
24		24	24	24	24
25		25	25	25	25
26		26	26	26	26
27		27	27	27	27
28		28	28	28	28
29		29	29	29	29
30		30	30	30	30
31		31	31	31	31
32		32	32	32	32
33		33	33	33	33
34		34	34	34	34
35		35	35	35	35
36		36	36	36	36
37		37	37	37	37
38		38	38	38	38
39		39	39	39	39
40		40	40	40	40
41		41	41	41	41
42		42	42	42	42
43		43	43	43	43
44		44	44	44	44
45		45	45	45	45
46		46	46	46	46
47		47	47	47	47
48		48	48	48	48
49		49	49	49	49
50		50	50	50	50
51		51	51	51	51
52		52	52	52	52
53		53	53	53	53
54		54	54	54	54
55		55	55	55	55
56		56	56	56	56
57		57	57	57	57
58		58	58	58	58
59		59	59	59	59
60		60	60	60	60
61		61	61	61	61
62		62	62	62	62
63		63	63	63	63
64		64	64	64	64
65		65	65	65	65
66		66	66	66	66
67		67	67	67	67
68		68	68	68	68
69		69	69	69	69
70		70	70	70	70
71		71	71	71	71
72		72	72	72	72
73		73	73	73	73
74		74	74	74	74
75		75	75	75	75
76		76	76	76	76
77		77	77	77	77
78		78	78	78	78
79		79	79	79	79
80		80	80	80	80
81		81	81	81	81
82		82	82	82	82
83		83	83	83	83
84		84	84	84	84
85		85	85	85	85
86		86	86	86	86
87		87	87	87	87
88		88	88	88	88
89		89	89	89	89
90		90	90	90	90
91		91	91	91	91
92		92	92	92	92
93		93	93	93	93
94		94	94	94	94
95		95	95	95	95
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98		98	98	98	98
99		99	99	99	99
100		100	100	100	100

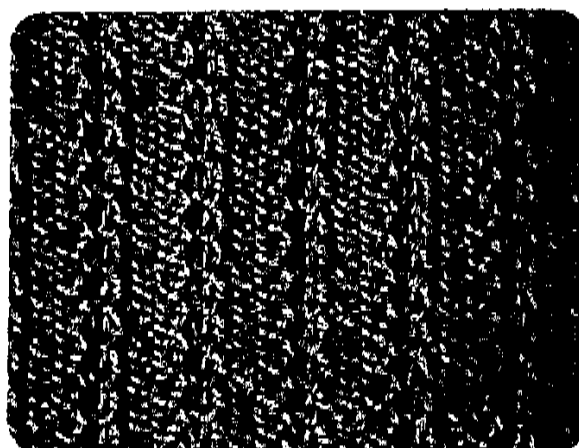
SET STOP KNOB TO ▼ MARK.

ONE PATTERN, 3 STITCHES AND 16 ROWS

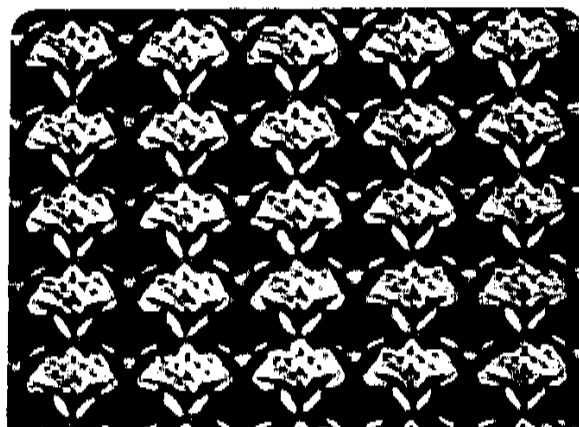
CARD	No. 3	A	TUCK KNITTING <19>		
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0		 STOCKINET			 
0		TUCK			
"					
"		STOCKINET			
"		*			 


 SET STOP KNOB TO ● MARK
 * Repeat the above procedure

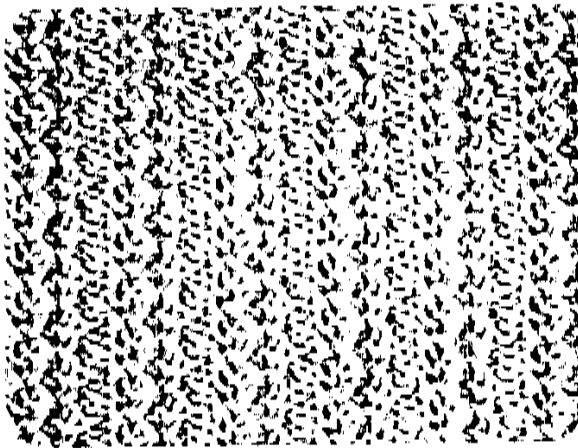
ONE PATTERN 4 STITCHES AND 3 ROWS



CARD	No. 3	A	TUCK KNITTING <20>		
PAT. RS	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D (RS)
0		STOCKINET			
1		TUCK			
3		TUCK			
4					
5					
7					
8					
54		Change color at every fifth row			
STOP					



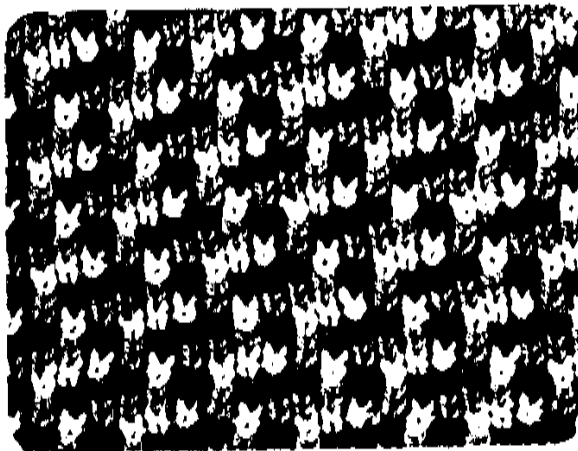
Good
"Curly"
pattern



CARD No. 4-A TUCK KNITTING<21>					
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)
0		LOCK KINT I	●	▼	→
1		TUCK	●	▼	→
2		TUCK	●	▼	→
3					→
4					→
5					→
6					→
7					→
8					→
9					→
10					→
11					→
12					→
13					→
14					→
15					→
16					→
17					→
18					→
19					→
20					→
21					→
22					→
23					→
24					→
25					→
26					→
27					→
28					→
29					→
30					→
31					→
32					→
33					→
34					→
35					→
36					→
37					→
38					→
39					→
40					→
41					→
42					→
43					→
44					→
45					→
46					→
47					→
48					→
49					→
50					→
51					→
52					→
53					→
54					→
55					→
56					→
57					→
58					→
STOP					→

SET STOP KNOB TO ▼ MARK

ONE PATTERN 4 STITCHES AND 4 ROWS



CARD No. 9-A TUCK KNITTING<22>					
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)
0		LOCK KINT I	●	▼	→
1		TUCK	●	▼	→
2		TUCK	●	▼	→
3					→
4					→
5					→
6					→
7					→
8					→
9					→
10					→
11					→
12					→
13					→
14					→
15					→
16					→
17					→
18					→
19					→
20					→
21					→
22					→
23					→
24					→
25					→
26					→
27					→
28					→
29					→
30					→
31					→
32					→
33					→
34					→
35					→
36					→
37					→
38					→
39					→
40					→
41					→
42					→
43					→
44					→
45					→
46					→
47					→
48					→
49					→
50					→
51					→
52					→
53					→
54					→
55					→
56					→
57					→
58					→
STOP					→

SET STOP KNOB TO ▼ MARK.

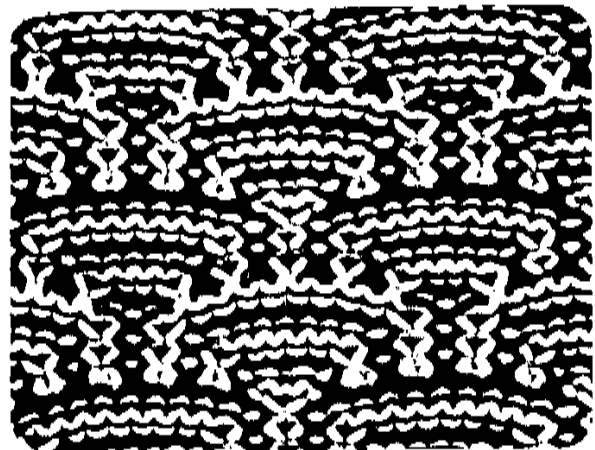
ONE PATTERN 6 STITCHES AND 12 ROWS

CARD No. 12 A TUCK KNITTING<23>					
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)
0		LOCK KINT I	●	▼	→
1		TUCK	●	▼	→
2		TUCK	●	▼	→
3					→
4					→
5					→
6					→
7					→
8					→
9					→
10					→
11					→
12					→
13					→
14					→
15					→
16					→
17					→
18					→
19					→
20					→
21					→
22					→
23					→
24					→
25					→
26					→
27					→
28					→
29					→
30					→
31					→
32					→
33					→
34					→
35					→
36					→
37					→
38					→
39					→
40					→
41					→
42					→
43					→
44					→
45					→
46					→
47					→
48					→
49					→
50					→
51					→
52					→
53					→
54					→
55					→
56					→
57					→
58					→
STOP					→

SET STOP KNOB TO ▼ MARK.

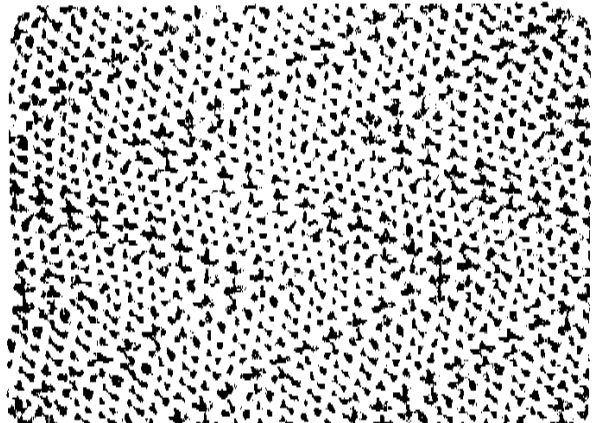
Set change color at every third row

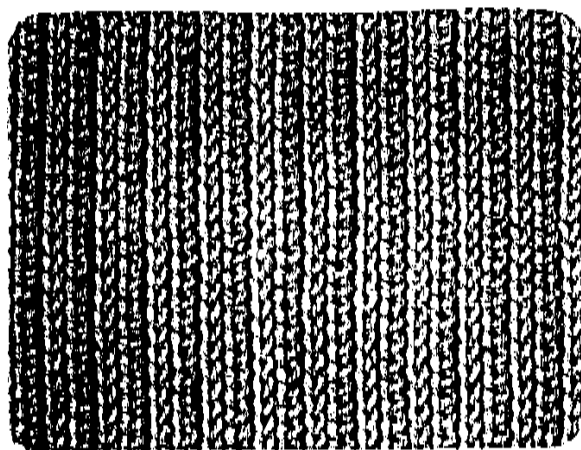
ONE PATTERN 12 STITCHES AND 20 ROWS



CARD No. 11 A TUCK KNITTING<24>					
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)
0		LOCK KINT I	●	▼	→
1		TUCK	●	▼	→
2		TUCK	●	▼	→
3					→
4					→
5					→
6					→
7					→
8					→
9					→
10					→
11					→
12					→
13					→
14					→
15					→
16					→
17					→
18					→
19					→
20					→
21					→
22					→
23					→
24					→
25					→
26					→
27					→
28					→
29					→
30					→
31					→
32					→
33					→
34					→
35					→
36					→
37					→
38					→
39					→
40					→
41					→
42					→
43					→
44					→
45					→
46					→
47					→
48					→
49					→
50					→
51					→
52					→
53					→
54					→
55					→
56					→
57					→
58					→
STOP					→

SET STOP KNOB TO ▼ MARK





CARD		No. 1 — A	TUCK KNITTING (25)		
PAT RS	YARN	CAM LEV	RUSSE LEV	SIDE LEV (BOTH)	D (RS)
0					
0		TUCKING I			
0		TUCK			
0		TUCKING I			



SET STOP KNOB TO ● MARK

• Repeat the above procedure

ONE PATTERN 2 STITCHES AND 2 ROWS



CARD No. 6 - A TUCK KNITTING CARD (26)

PAT RS	YARN	CAM L V	RUSSET LEV	SIDE LEV (BOTH)	D (RS)
	●	④			↔
		For KIRI	●	▼	→
		THICK	●	▼	→
		THIN	●	▼	←
					→
					←
					→
					←
					→
					←
46					→
STOP					←

SET STOP KNOB TO ▼ MARK

For Lugs - For all every 4th row in the 4th and 5th WIDE
 (L) and (R)

ONE PATTERN 6 STITCHES AND 12 ROWS

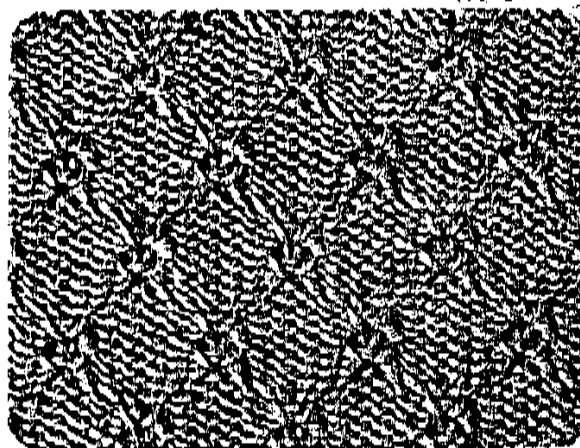
CARD No. 6 A			TUCK KNITTING (27)		
PAT. RS.	YARN	CAM LEV	RUSSEL LEV.	SIDE LEV. (BOTI)	D (RS)
 0 1 46 STOP		 STOP LINE			     
		TUCK			
		TUCK			
					
					



SET STOP KNOB TO ▼ MARK.

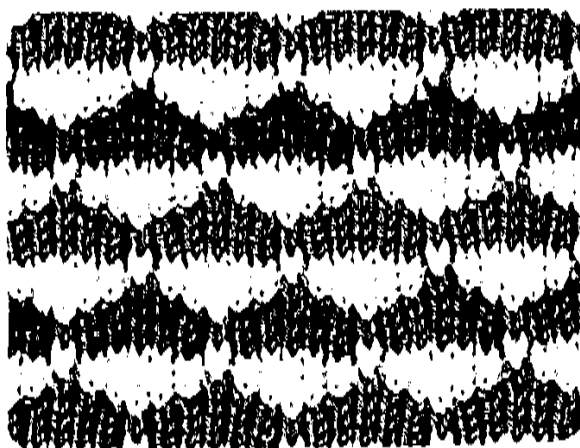
ONE PATTERN 6 STITCHES AND 16 ROWS

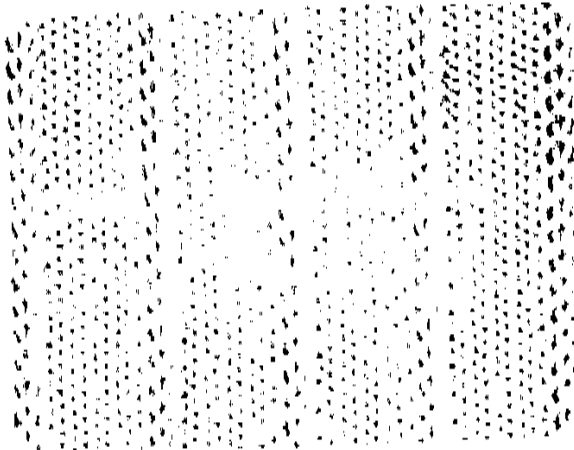
ONE PATTERN 6 STITCHES AND 16 ROWS



CARD No. 6		TUCK KNITTING <28>			
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D (RS)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					

ONE PATTERN 8 STITCHES AND 18 ROWS

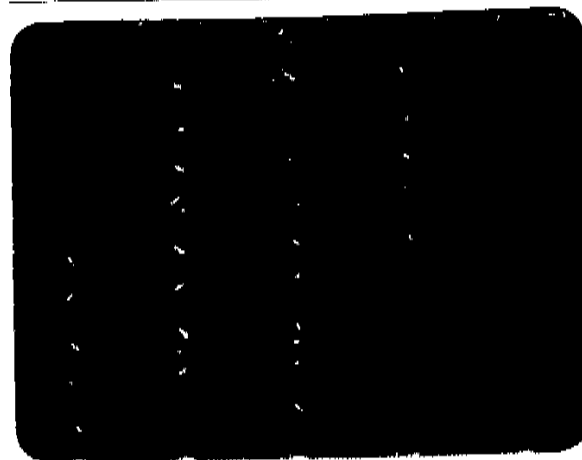




CARD No. 6-1-A TUCK KNITTING <29>					
PAT RS	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0		LOCK LINE	●	▼	→
0		TUCK	●	▼	→
		LOCK LINE			→

SET STOP KNOB TO ● MARK.
Repeat the above procedure.

ONE PATTERN 6 STITCHES AND 2 ROW



CARD No. 3-A TUCK KNITTING <30>					
PAT RS	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0		LOCK LINE	●	▼	→
54		TUCK	●	▼	→
STOP		TUCK	●	▼	→

SET STOP KNOB TO ▼ MARK (NEEDLE SELECTING)

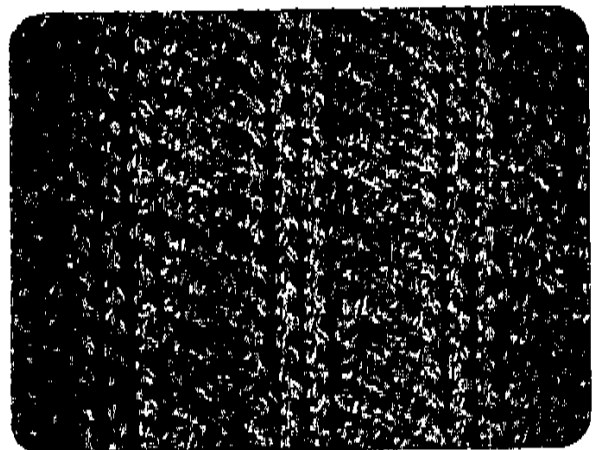
ONE PATTERN 4 STITCHES AND 6 ROW

48

CARD No. 7 A TUCK KNITTING <31>					
PAT RS	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0		LOCK LINE	●	▼	→
58		TUCK	●	▼	→
STOP		TUCK	●	▼	→

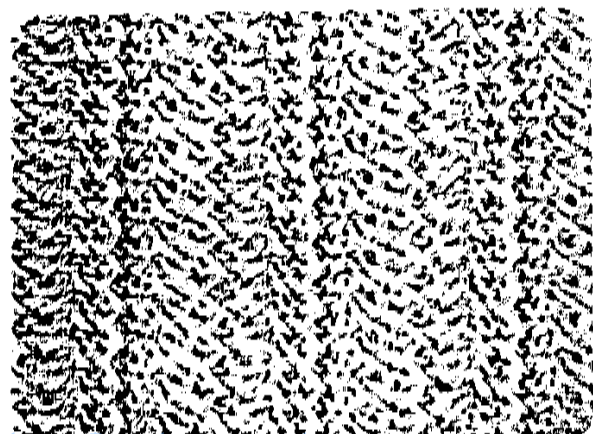
SET STOP KNOB TO ▼ MARK (NEEDLE SELECTING)

ONE PATTERN 6 STITCHES AND 4 ROWS

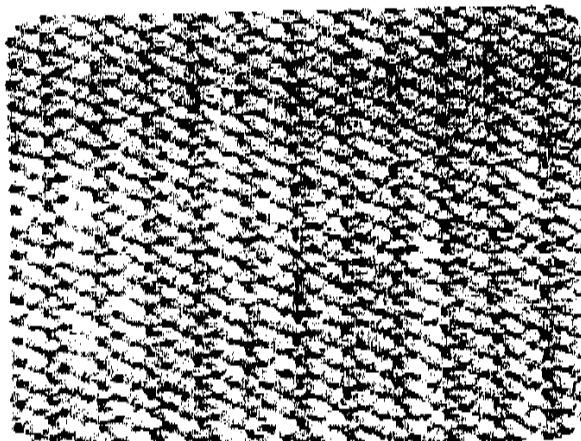


CARD No. 4-A TUCK KNITTING <32>					
PAT RS	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0		LOCK LINE	●	▼	→
58		TUCK	●	▼	→
STOP		TUCK	●	▼	→

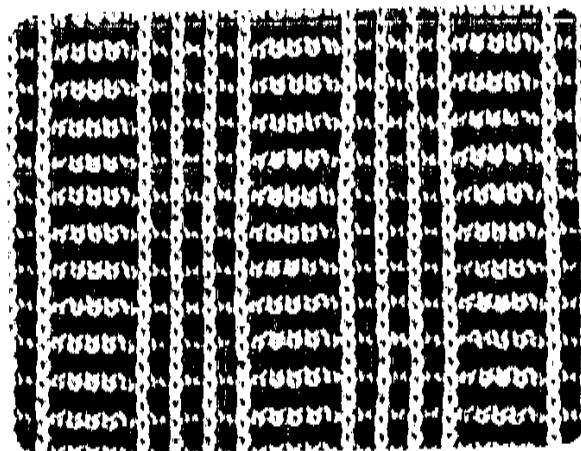
SET STOP KNOB TO ▼ MARK (NEEDLE SELECTING)



49

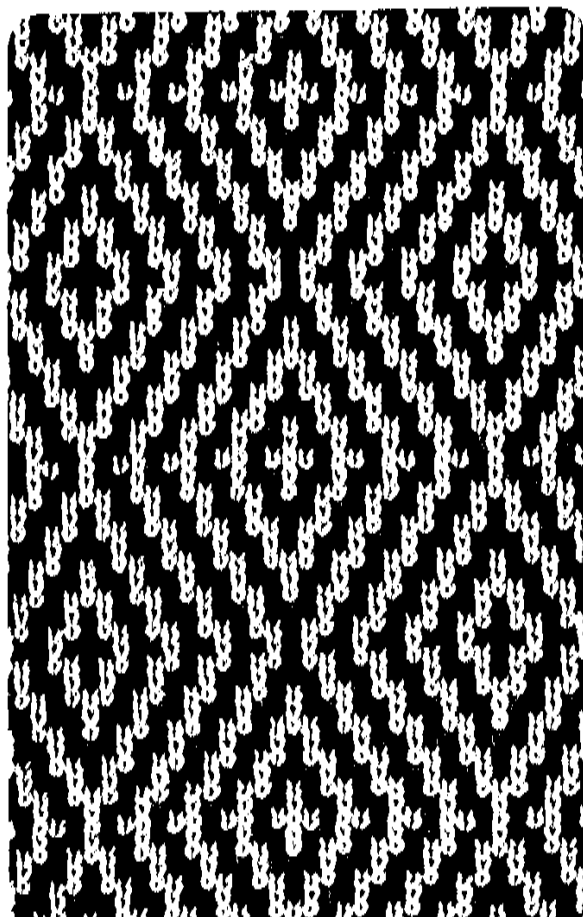


CARD No. 5-A TUCK KNITTING <33>					
PAT. RS.	YARN	CAM LEV	RUSSEI LEV	SIDE LEV (BOTH)	D. (RS.)
		STOCKINET	2	▼	→
		STOP	2	▼	→
		STOP	2	▼	→
		STOP	2	▼	→
58					
SET STOP KNOB TO ▼ MARK. NEEDLE SELECTING 1111					
ONE PATTERN 4 STITCHES AND 2 ROWS					



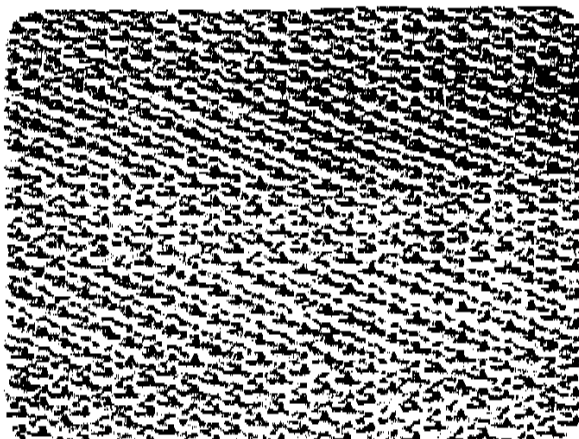
CARD No. 12-A TUCK KNITTING <34>					
PAT. RS.	YARN	CAM LEV	RUSSEI LEV	SIDE LEV (BOTH)	D. (RS.)
2		STOCKINET	2	▼	→
2		STOP	2	▼	→
2		STOP	2	▼	→
2		STOP	2	▼	→
2		STOP	2	▼	→
SET STOP KNOB TO ● MARK.					
4 Change color at every third row. 1111 Repeat the above procedure.					
ONE PATTERN 12 STITCHES AND 4 ROWS					

20



CARD No. 18 A TUCK SLIP STITCHES <1>					
PAT. RS.	YARN	CAM LEV	RUSSEI LEV	SIDE LEV (BOTH)	D. (RS.)
		STOCKINET	2	▼	→
		SLIP	2	▼	→
		SLIP	2	▼	→
		SLIP	2	▼	→
0					
1					
2					
3					
4	*				
42					
STOP					
SET STOP KNOB TO ▼ MARK.					
4 Change color at every third row					

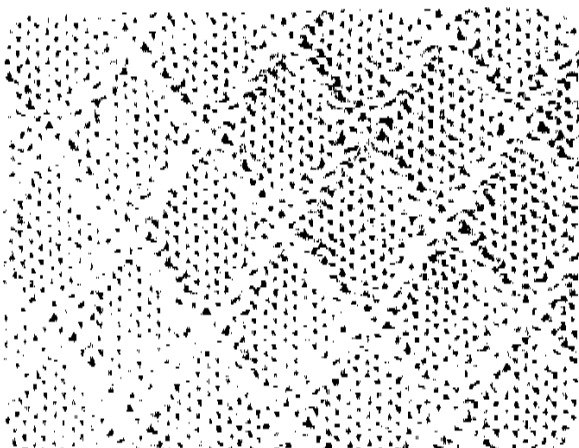
21



CARD No. 8-A TUCK SLIP STITCHES<2					
PAT RS	YARN	CAM LEV C	RUSSEL LEV	SIDE LEV (BOTH)	D THS
		FOR KIBIT	2	▼	→
		TH	2	▼	→
		TH	2	▼	→
5					→

 SET STOP KNOB TO ▼ MARK

ONE PATCHIN ISTHCHILS AND DOROW



CARD No. 10-A TUCK SLIP STITCHES					
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOFF)	D. RS.
		FOR RILE			
0		TH			
4b					



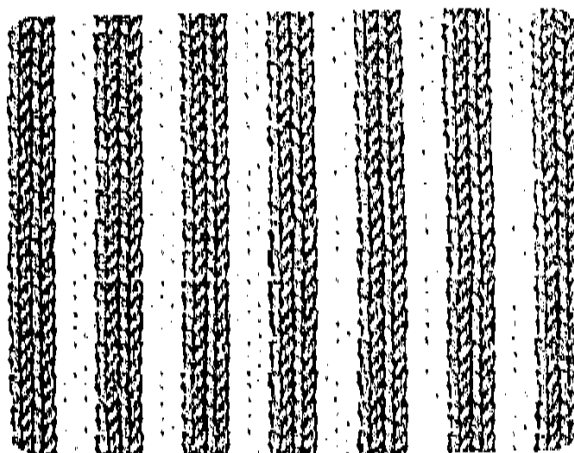
SET STOP KNOB TO ▼ MARK

ONE PATTERN 8 STITCHES AND 16 ROW

CARD No. 2 A TUCK SLIP STITCHES<4>					
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS)
—					
—		STOCKINET			
0		SLIP			
1		SLIP			
2					
3					
4	*				
58					
STOP					

SET STOP KNOB TO ▼ MARK
Change color at every third row.

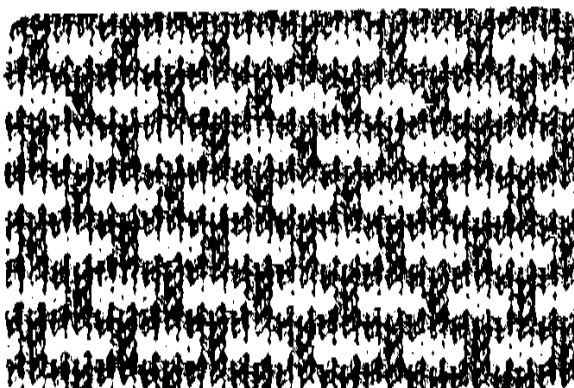
ONE PATTERN 4 STITCHES AND 4 ROWS

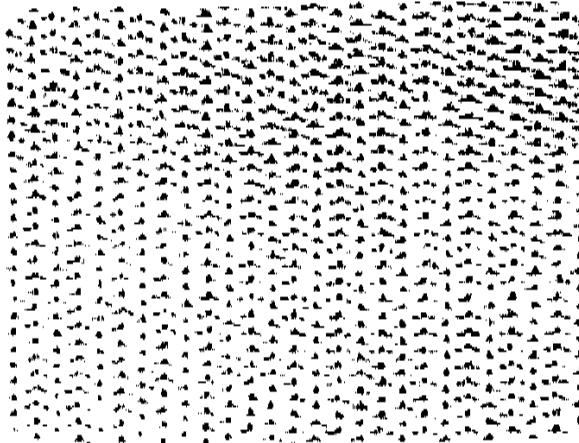


CARD No. 3 A TUCK SLIP STITCHES (HS)

PAT HS	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D (HS)
0	STOCKINET	●	●	▼	→
1	STOCKINET	●	●	▼	→
2	STOCKINET	●	●	▼	→
3	STOCKINET	●	●	▼	→
4	STOCKINET	●	●	▼	→
54	STOP	STOP	STOP	STOP	STOP

SET STOP KNOB TO ▼ MARK.

 SET STOP KNOB TO ▼ MARK.

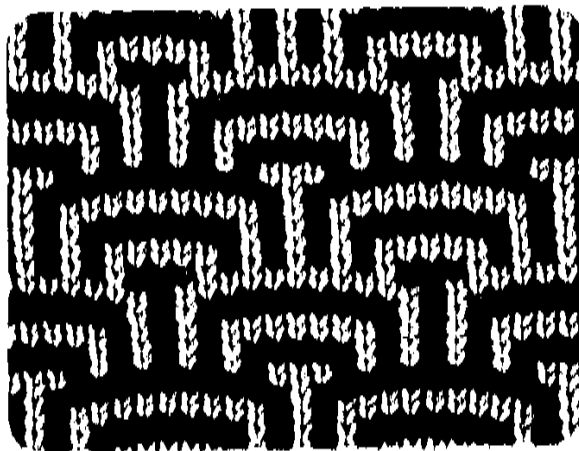
**CARD No. 1-A TUCK SLIP STITCHES<6>**

PAT. RS.	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0		LOCK KINET	5	▼	→
1		UP	5	▼	→
2		UP	5	▼	→
58					→
STOP					→



SET STOP KNOB TO ▼ MARK

ONE PATTERN 2 STITCHES AND 2 ROW

**CARD No. 2-A TUCK SLIP STITCHES<7>**

PAT. RS.	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0		LOCK KINET	5	▼	→
1		UP	5	▼	→
2		UP	5	▼	→
3					→
4					→
58					→
STOP					→



SET STOP KNOB TO ▼ MARK

Exchange yarn at every third row

ONE PATTERN 12 STITCHES AND 20 ROW

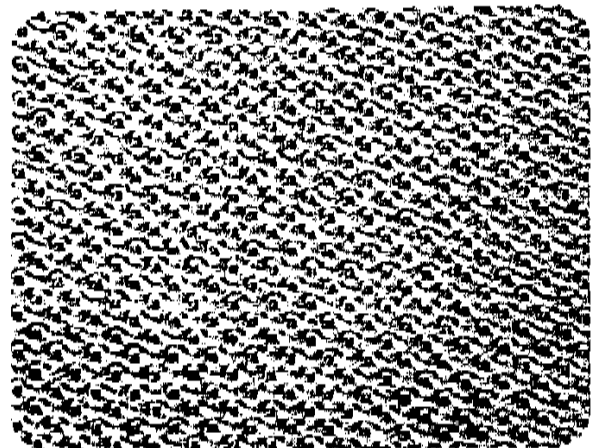
CARD No. 7 A TUCK SLIP STITCHES<8>

PAT. RS.	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0		LOCK KINET	5	▼	→
1		SLIP	5	▼	→
58		SLIP	5	▼	→
STOP					→



SET STOP KNOB TO ▼ MARK

ONE PATTERN 2 STITCHES AND 4 ROWS

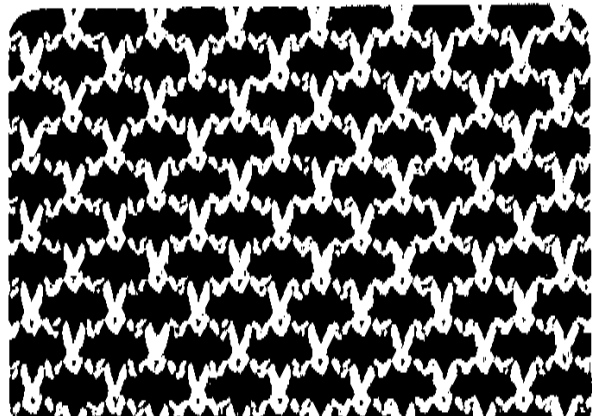
**CARD No. 3 A TUCK SLIP STITCHES<9>**

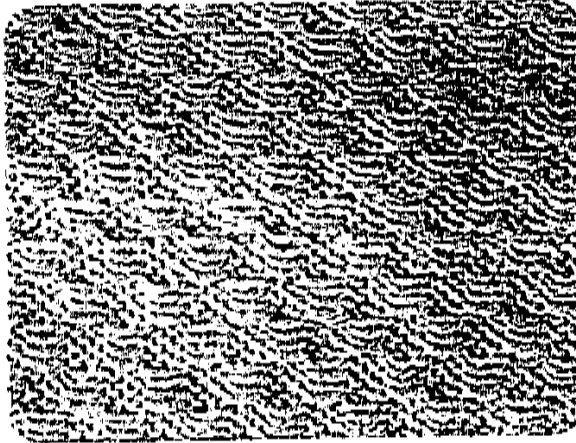
PAT. RS.	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0		LOCK KINET	5	▼	→
1		SLIP	5	▼	→
2		SLIP	5	▼	→
3					→
4	*				→
54					→
STOP					→



SET STOP KNOB TO ▼ MARK

Exchange yarn at every third row



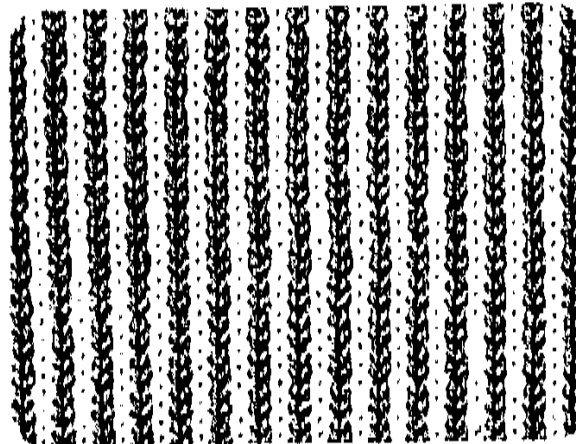
**CARD No. 3—A TUCK SLIP STITCHES<10>**

PAT RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)
0	LOCK KINET	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
54	0	0	0	0	0
STOP	0	0	0	0	0



SET STOP KNOB TO ▼ MARK

ONE PATTERN 4 STITCHES AND 1 ROW

**CARD No. 7—A TUCK SLIP STITCHES<11>**

PAT RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)
0	LOCK KINET	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
58	0	0	0	0	0
STOP	0	0	0	0	0



SET STOP KNOB TO ▼ MARK

ONE PATTERN 2 STITCHES AND 1 ROW

26

CARD No. 11—A TUCK SLIP STITCHES<12>

PAT RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)
0	LOCK KINET	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
46	0	0	0	0	0
STOP	0	0	0	0	0



SET STOP KNOB TO ▼ MARK

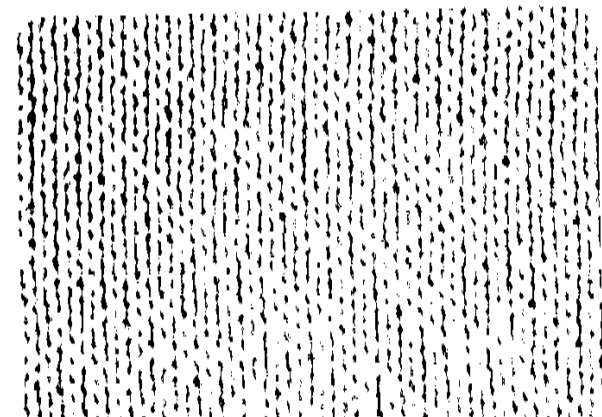
ONE PATTERN 11 STITCHES AND 24 ROWS

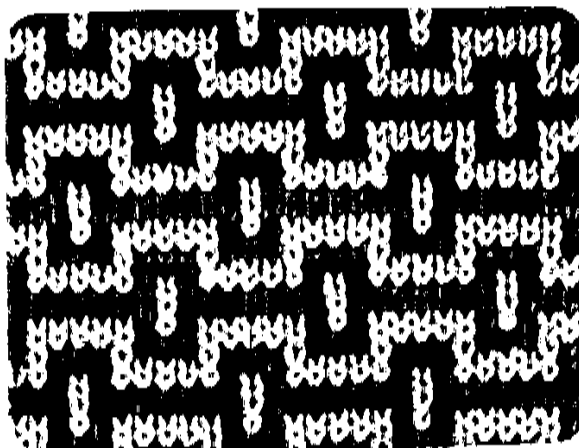
**CARD No. 9—A TUCK SLIP STITCHES<13>**

PAT RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)
0	LOCK KINET	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
58	0	0	0	0	0
STOP	0	0	0	0	0



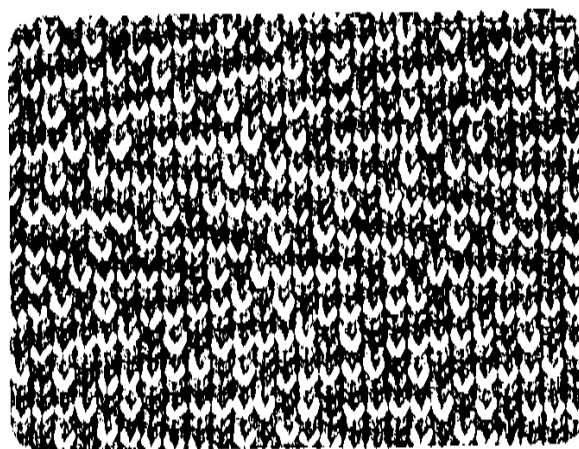
SET STOP KNOB TO ▼ MARK.





CARD No. 10-A—A SLIP STITCH (14)					
PAT RS	YARN	CAM L FV	RUSSEL L FV	SIDE L FV (BOTH)	D (RS)
1		1	1	1	1
2		1	1	1	1
3		1	1	1	1
4		1	1	1	1
5		1	1	1	1
6		1	1	1	1
7		1	1	1	1
8		1	1	1	1
9		1	1	1	1
10		1	1	1	1
11		1	1	1	1
12		1	1	1	1
13		1	1	1	1
14		1	1	1	1

ONE PATTERN 4 STITCHES AND 16 ROW



CARD No. 11-A TUCK-8LP-8TITCHES/IN					
PAT. RS.	YARN	CAM 11 V (V)	RUSSEL LEV	SIDE LEV (BOTH)	D. TH
1				▼	→
2		III		▼	→
3		III		▼	→
4					→
5					→
6					→
7					→
8					→
9					→
10					→
11					→
12					→
13					→
14					→
15					→
16					→
17					→
18					→
19					→
20					→

SET STOP KNOB TO ▼ MARK

1. Turn cam 11 to position that shows ▼

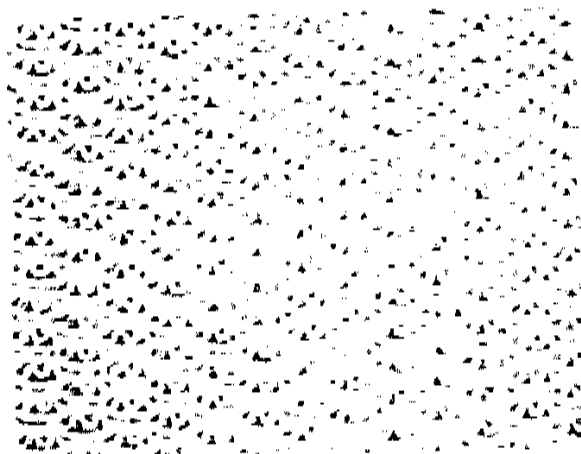
ONE PATTERN ASSISTS AND 21 ROW

CARD No 2 A TUCK SLIP SWITCHES (16)					
PAT RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV (BOTH)	D (HS)
					
0					
58					
STOP					

SET STOP KNOB TO ▼ MARK.

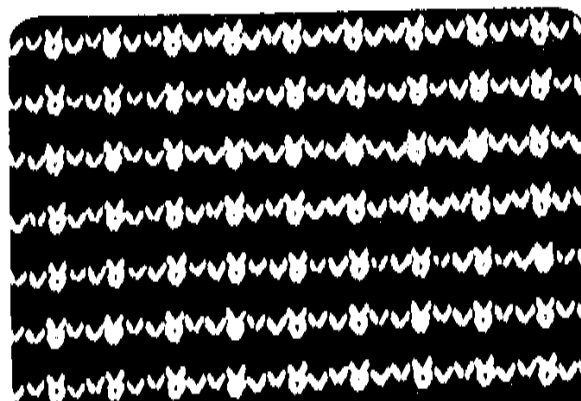
ONE PATTERN 45 STITCHES AND 4 ROWS

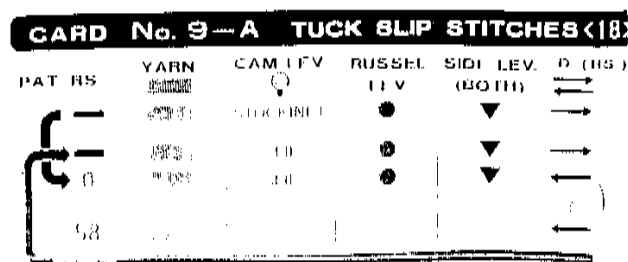
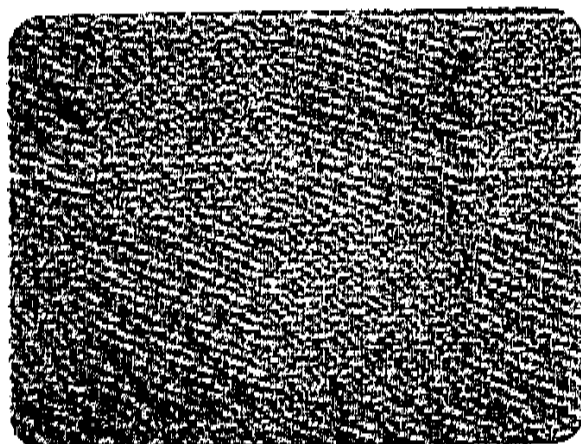
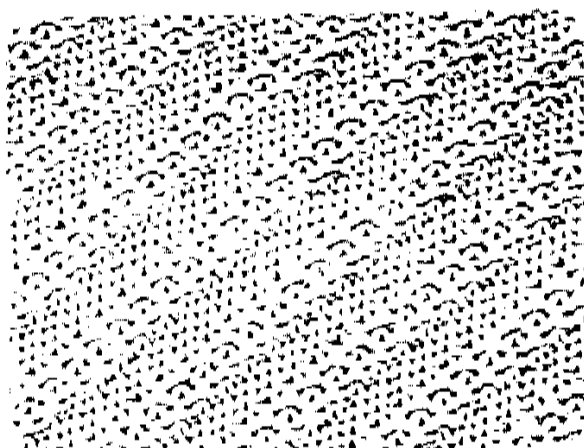
ONE PATTERN 4 STITCHES AND 4 ROWS



CARD No. 8 A TUCK SLIP STITCHES<17>					
PAT. RS.	YARN	CAM LEV. ①	HUSSEL LEV.	SIDE LEV. (BOTH)	D (RS.)
0		STOCKINET	●	▼	↔
1		SLIP	●	▼	↔
2		SLIP	●	▼	↔
3					↔
4					↔
5					↔
6					↔
7					↔
8					↔
9					↔

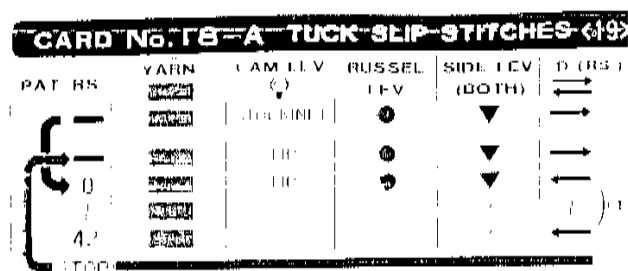
*1 Change color at every third row





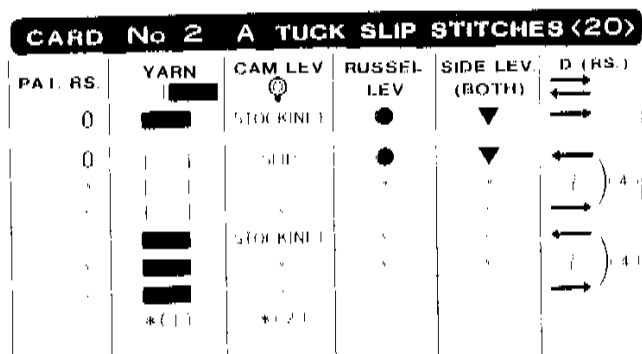
SET STOP KNOB TO ▼ MARK

ONE PATTERN 6 STITCHES AND 12 ROWS



SET STOP KNOB TO ▼ MARK

ONE PATTERN 24 STITCHES AND 14 ROW

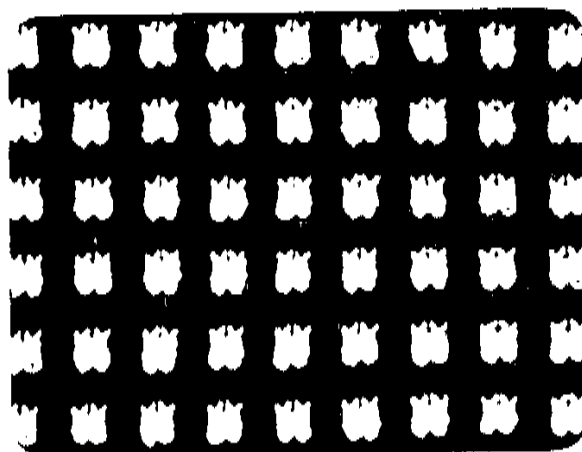


SET STOP KNOB TO ● MARK.

SET STOP KNOB TO 0 MARK.

• f is bounded above and below on $[a, b]$.

ONE PATTERN 4 STITCHES AND 6 ROWS





32

CARD No. 20 - A					KNIT-IN<1>
PAT. RS	YARN 2nd MAIN	CAM LEV PULL UP	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0		KNIT IN			
4					
5					
6					
7					
8					
9					
10					
59					
60					

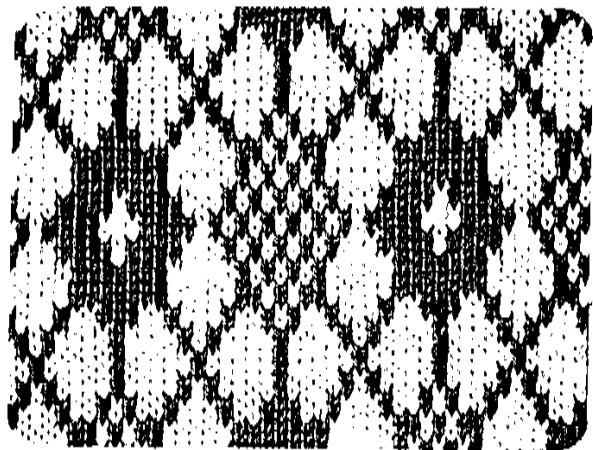
SET STOP KNOB TO ▼ MARK
 - Set stop knob to ▼ mark and knit as many
 (KNIT-IN) rows as desired

ONE PATTERN 24 STITCHES AND 60 ROWS

CARD No. 15 A					KNIT-IN<2>
PAT. RS	YARN 2nd MAIN	CAM LEV PULL UP	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0		KNIT IN			
46		KNIT IN			
STOP		KNIT IN			

SET STOP KNOB TO ▼ MARK.

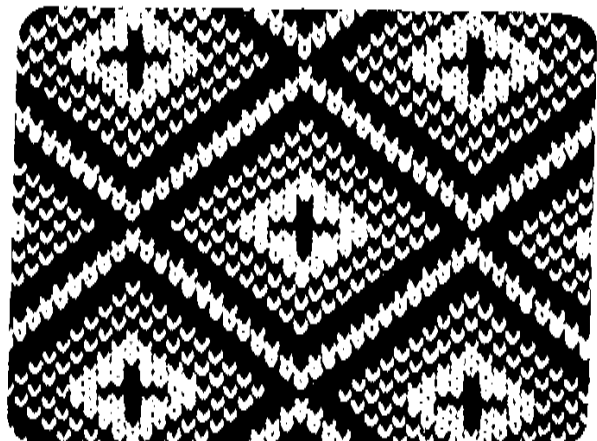
ONE PATTERN 24 STITCHES AND 46 ROWS



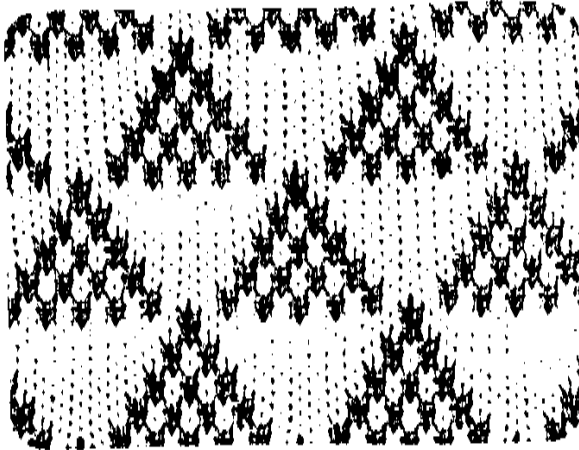
CARD No. 16 A					KNIT-IN<3>
PAT. RS	YARN 2nd MAIN	CAM LEV PULL UP	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0		KNIT IN			
58		KNIT IN			
STOP		KNIT IN			

SET STOP KNOB TO ▼ MARK.

ONE PATTERN 24 STITCHES AND 58 ROWS



33

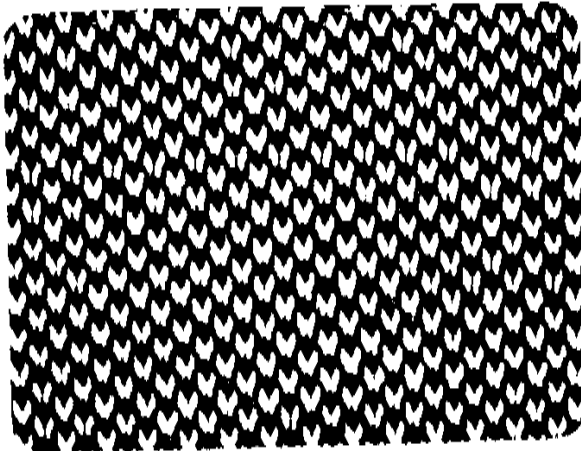


CARD No. 12-A KNIT-IN <4>					
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)
0	2nd MAIN	KNIT IN 1	●	●	→
58		KNIT IN	●	●	→
58		KNIT IN	●	●	→
STOP					→



SET STOP KNOB TO ▼ MARK

ONE PATTERN 12 STITCHES AND 20 ROW



CARD No. 1-A KNIT-IN <5>					
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)
0	2nd MAIN	KNIT IN 1	●	●	→
58		KNIT IN	●	●	→
58		KNIT IN	●	●	→
STOP					→



SET STOP KNOB TO ▼ MARK

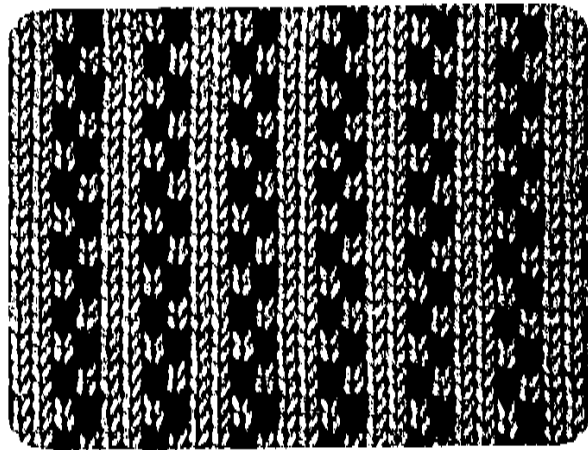
ONE PATTERN 25 STITCHES AND 2 ROW

CARD No. 4-A KNIT-IN <6>					
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)
0	2nd MAIN	KNIT IN 1	●	●	→
58		KNIT IN 2	●	●	→
58		KNIT IN 2	●	●	→
STOP					→



SET STOP KNOB TO ▼ MARK

ONE PATTERN 4 STITCHES AND 4 ROWS

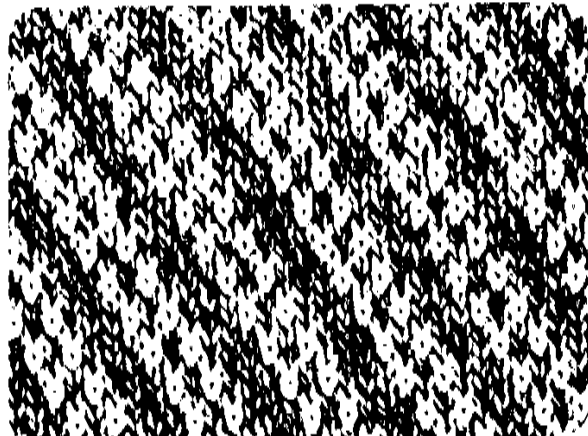


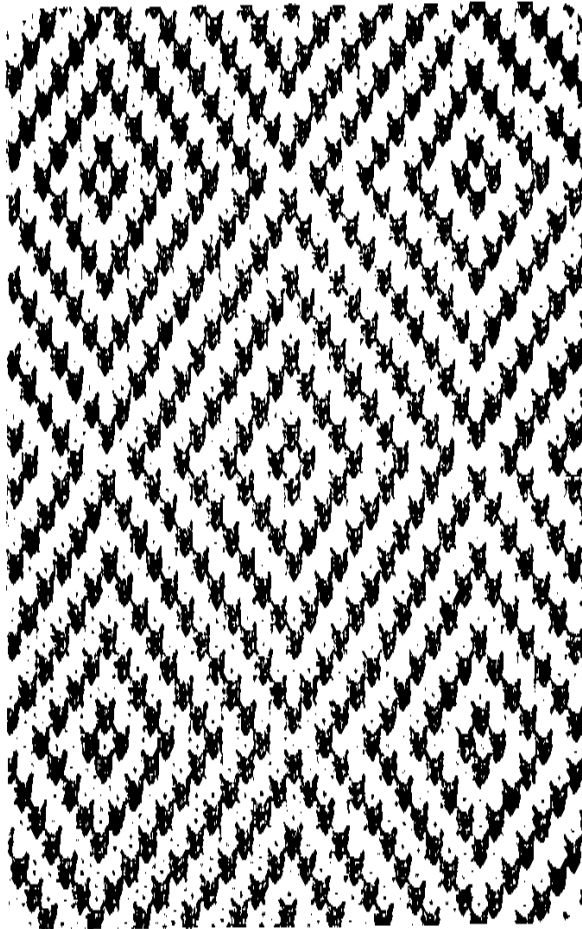
CARD No. 9-A KNIT-IN <7>					
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)
0	2nd MAIN	KNIT IN 1	●	●	→
58		KNIT IN 2	●	●	→
58		KNIT IN 2	●	●	→
STOP					→



SET STOP KNOB TO ▼ MARK

ONE PATTERN 6 STITCHES AND 12 ROWS





36

CARD No. 18-A						KNIT-IN<8>	
PAT RS	YARN [Sub] [MAIN]	CAM LEV Q	RUSSEI LEV	SIDE LEV (BOTH)	D (RS)		
1		KNIT IN 1	•	•	→		
2		KNIT IN	•	•	→		
3		KNIT IN	•	•	→		
4					→		
5					→		
6					→		
7					→		
8					→		
9					→		
10					→		
11					→		
12					→		
13					→		
14					→		
15					→		
16					→		
17					→		
18					→		
19					→		
20					→		
21					→		
22					→		
23					→		
24					→		
25					→		
26					→		
27					→		
28					→		
29					→		
30					→		
31					→		
32					→		
33					→		
34					→		
35					→		
36					→		
37					→		
38					→		
39					→		
40					→		
41					→		
42					→		
43					→		
44					→		
45					→		
46					→		
47					→		
48					→		
49					→		
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62					→		
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92					→		
93					→		
94					→		
95					→		
96					→		
97					→		
98					→		
99					→		
100					→		



SET STOP KNOB TO ▼ MARK

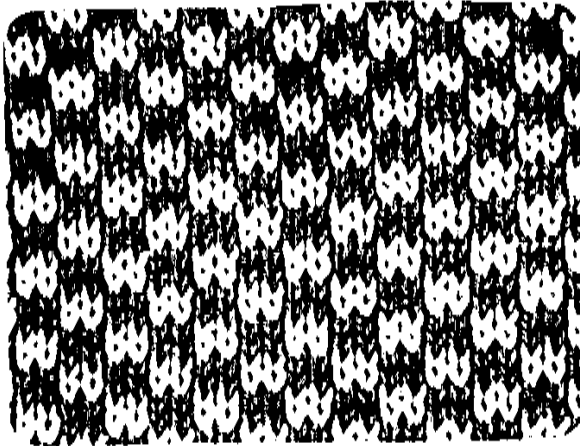
ONE PATTERN 24 STITCHES AND 44 ROWS

CARD No. 11-A						KNIT-IN<9>	
PAT RS	YARN [Sub] [MAIN]	CAM LEV Q	RUSSEI LEV	SIDE LEV (BOTH)	D (RS)		
1		KNIT IN 1	•	•	→		
2		KNIT IN	•	•	→		
3		KNIT IN	•	•	→		
4					→		
5					→		
6					→		
7					→		
8					→		
9					→		
10					→		
11					→		
12					→		
13					→		
14					→		
15					→		
16					→		
17					→		
18					→		
19					→		
20					→		
21					→		
22					→		
23					→		
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30					→		
31					→		
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36					→		
37					→		
38					→		
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41					→		
42					→		
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87					→		
88					→		
89					→		
90					→		
91					→		
92					→		
93					→		
94					→		
95					→		
96					→		
97					→		
98					→		
99					→		
100					→		



SET STOP KNOB TO ▼ MARK

ONE PATTERN 18 STITCHES AND 24 ROWS

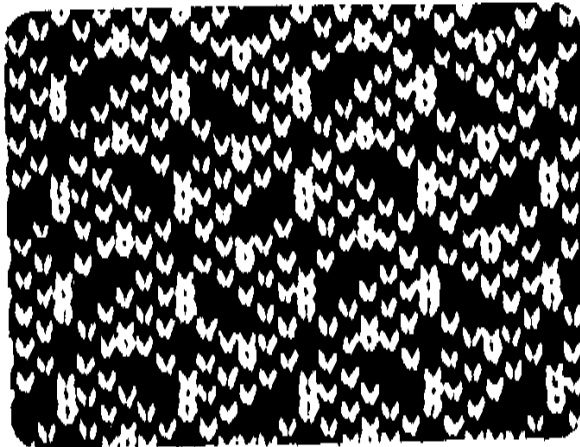


CARD No. 2-A						KNIT-IN <11>
PAT. RS.	YARN	CAM LEV	RUSSEL LEV.	SIDE LEV. (BOTH)	D (RS.)	
0	2nd MAIN	KNIT IN 1	●	●	→	
1		KNIT IN	●	●	→	
58		KNIT IN	●	●	→	
STOP						



SET STOP KNOB TO ▼ MARK

ONE PATTERN 4 STITCHES AND 4 ROWS



CARD No. 13-A						KNIT-IN <12>
PAT. RS.	YARN	CAM LEV	RUSSEL LEV.	SIDE LEV. (BOTH)	D (RS.)	
0	2nd MAIN	KNIT IN 1	●	●	→	
1		KNIT IN	●	●	→	
58		KNIT IN	●	●	→	
STOP						



SET STOP KNOB TO ▼ MARK.

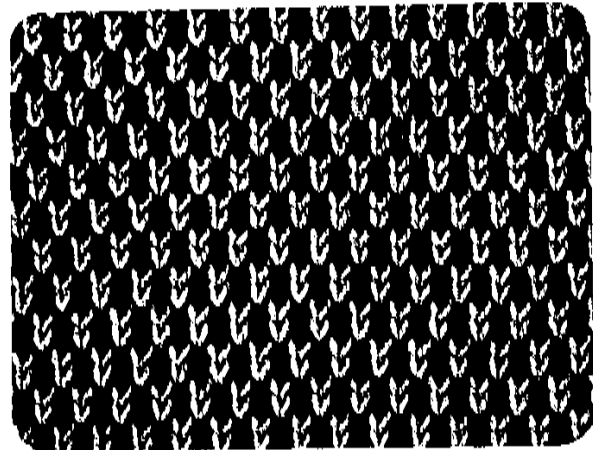
ONE PATTERN 12 STITCHES AND 12 ROWS

CARD No. 7 A						KNIT-IN <13>
PAT. RS.	YARN	CAM LEV	RUSSEL LEV.	SIDE LEV. (BOTH)	D (RS.)	
0	2nd MAIN	KNIT IN 1	●	●	→	
1		KNIT IN	●	●	→	
58		KNIT IN	●	●	→	
STOP						



SET STOP KNOB TO ▼ MARK.

ONE PATTERN 2 STITCHES AND 4 ROWS

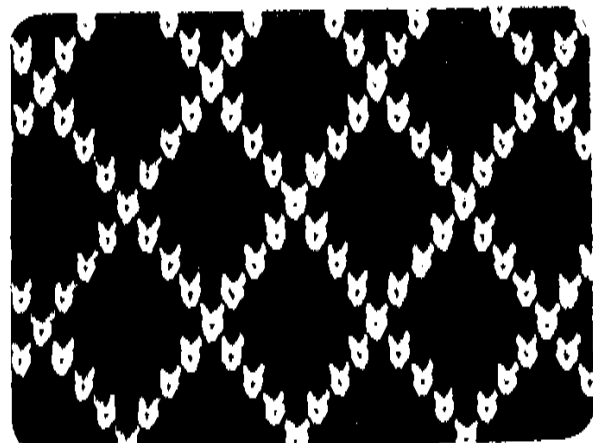


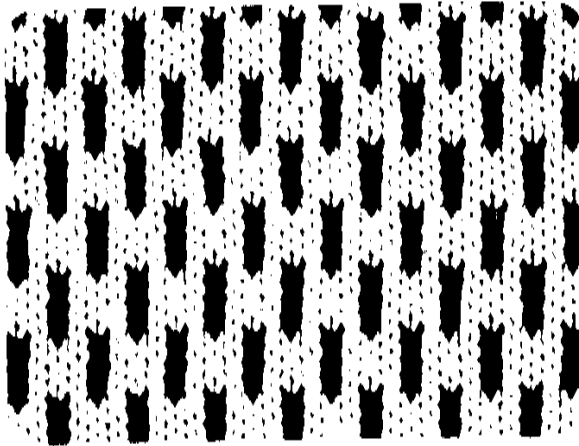
CARD No. 10-A						KNIT-IN <14>
PAT. RS.	YARN	CAM LEV	RUSSEL LEV.	SIDE LEV. (BOTH)	D (RS.)	
0	2nd MAIN	KNIT IN 1	●	●	→	
1		KNIT IN	●	●	→	
46		KNIT IN	●	●	→	
STOP						



SET STOP KNOB TO ▼ MARK

ONE PATTERN 8 STITCHES AND 16 ROWS





CARD No. 3-A KNIT-IN <15>					
PAT. RS.	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D. (RS.)
1	2nd MAIN	KNIT IN 1		●	→
0		KNIT IN		●	→
54		KNIT IN		●	→
STOP					→



SET STOP KNOB TO ▼ MARK

ONE PATTERN 4 STITCHES AND 10 ROWS



CARD No. 8-A KNIT-IN <16>					
PAT. RS.	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D. (RS.)
1	2nd MAIN	KNIT IN 1		●	→
0		KNIT IN		●	→
8		KNIT IN		●	→
9		KNIT IN		●	→
17		KNIT IN		●	→
18		KNIT IN		●	→
26		KNIT IN		●	→
27		KNIT IN		●	→
52		KNIT IN		●	→
STOP					→

CHANGE COLOR AT EVERY 10TH ROW

SET STOP KNOB TO ▼ MARK. ONE PATTERN 3 STITCHES AND 10 ROWS

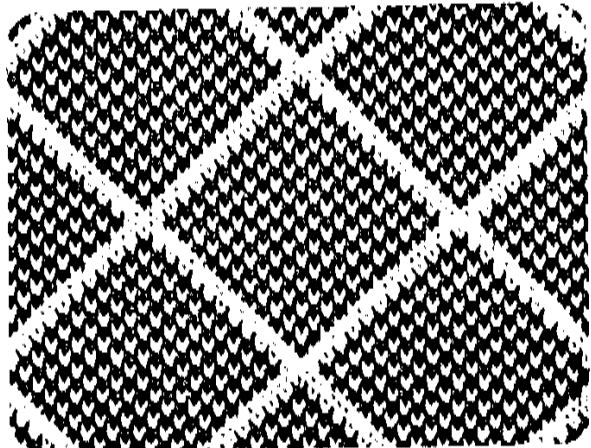
40

CARD No. 19 A KNIT-IN <17>					
PAT. RS.	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D. (RS.)
1	2nd MAIN	KNIT IN 1	●	●	→
0		KNIT IN	○	●	→
46		KNIT IN	○	●	→
STOP					→



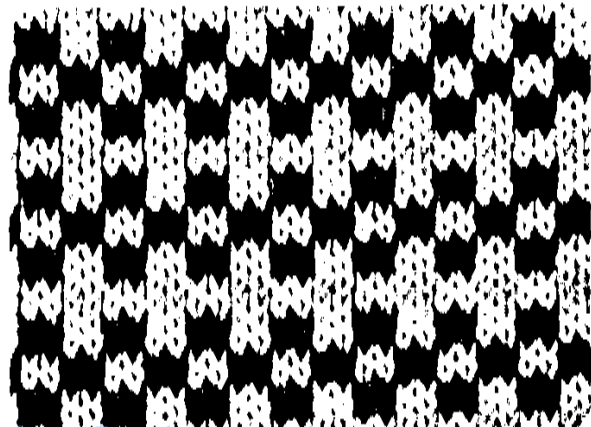
SET STOP KNOB TO ▼ MARK.

ONE PATTERN 24 STITCHES AND 24 ROWS

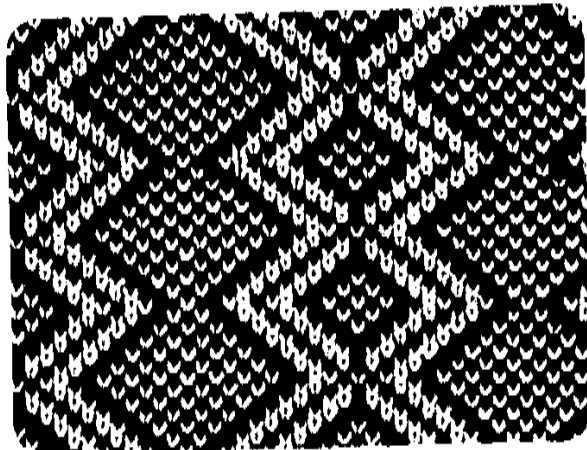


CARD No. 2 A KNIT-IN <18>					
PAT. RS.	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D. (RS.)
1	2nd MAIN	KNIT IN 1	●	●	→
0		KNIT IN	○	●	→
1		KNIT IN	○	●	→
2		KNIT IN	○	●	→
3		KNIT IN	○	●	→
4		KNIT IN	○	●	→
5		KNIT IN	○	●	→
6		KNIT IN	○	●	→
7		KNIT IN	○	●	→
58		KNIT IN	○	●	→
STOP					→

CHANGE COLOR AT EVERY 10TH ROW



41



CARD No. 14-A					KNIT-IN <19>
PAT. RS.	YARN	CAM LEV.	RUSSEL. LEV.	SIDE LEV. (BOTH)	D. (RS.)
0	MAIN	KNIT IN 1	●	●	→
58	MAIN	KNIT IN 1	●	●	→
STOP	MAIN	KNIT IN 1	●	●	→
					(59)

SET STOP KNOB TO ▼ MARK.

ONE PATTERN 24 STITCHES AND 12 ROWS



CARD No. 17-A					KNIT-IN <20>
PAT. RS.	YARN	CAM LEV.	RUSSEL. LEV.	SIDE LEV. (BOTH)	D. (RS.)
0	MAIN	STOCKINET	●	●	→
0	MAIN	KNIT IN 1	●	●	→
19	MAIN	KNIT IN 1	●	●	→
20	MAIN	STOCKINET	●	●	→
					(20)
					(21)

• (1) SET STOP KNOB TO ● MARK
• (2) SET STOP KNOB TO ▼ MARK
• (3) SET STOP KNOB TO ● MARK
Two rows STOCKINET should be knit in dark brown as shown in picture

ONE PATTERN 24 STITCHES AND 24 ROWS

CARD No. 14-A					WEAVING <1>
PAT. RS.	YARN	CAM LEV.	RUSSEL. LEV.	SIDE LEV. (BOTH)	D. (RS.)
0	MAIN	STOCKINET	●	▼	→
58	MAIN	STOCKINET	●	▼	→
STOP	MAIN	STOCKINET	●	▼	→
					(59)

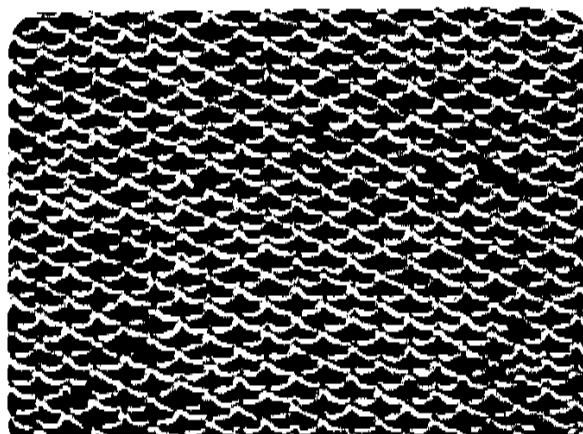
SET STOP KNOB TO ▼ MARK.

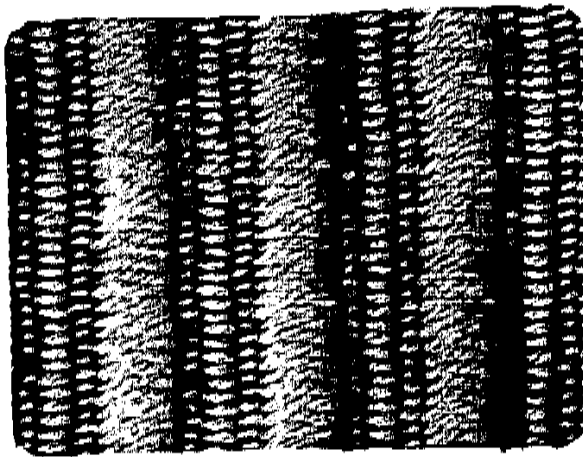
ONE PATTERN 24 STITCHES AND 12 ROWS



CARD No. 1-A					WEAVING <2>
PAT. RS.	YARN	CAM LEV.	RUSSEL. LEV.	SIDE LEV. (BOTH)	D. (RS.)
0	MAIN	STOCKINET	●	▼	→
58	MAIN	STOCKINET	●	▼	→
STOP	MAIN	STOCKINET	●	▼	→
					(59)

SET STOP KNOB TO ▼ MARK.

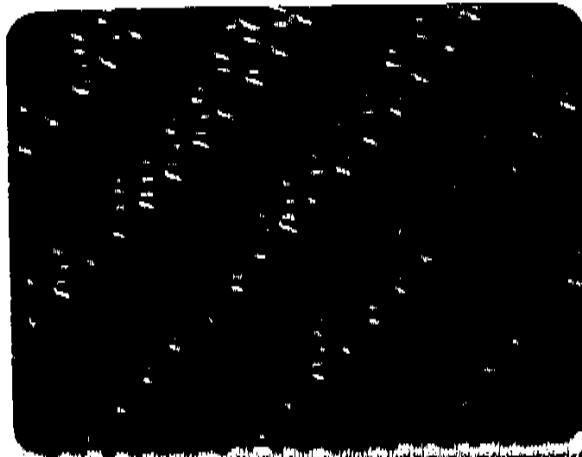




CARD No. 9 A					WEAVING <3>	
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)	
0	2nd MAIN	STOCKINET	●	▼	↔	
0		STOCKINET	●	▼	↔	

SET STOP KNOB TO ● MARK.

ONE PATTERN - 65 STITCHES AND 1 ROWS



CARD No. 9-A					WEAVING <4>	
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)	
0	2nd MAIN	STOCKINET	●	▼	↔	
0		STOCKINET	●	▼	↔	
58		STOCKINET	●	▼	↔ (59)	
STOP						

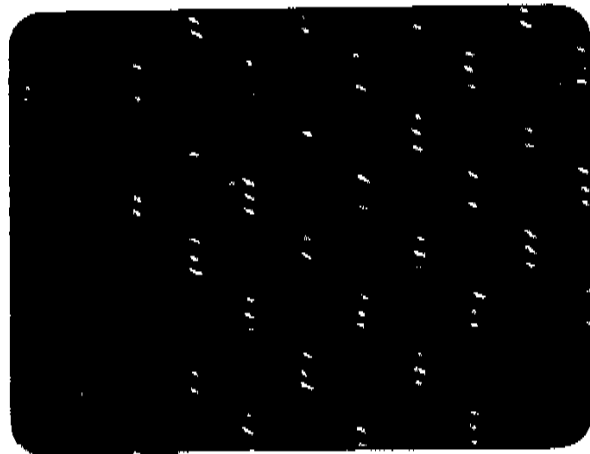
SET STOP KNOB TO ▼ MARK.

ONE PATTERN - 6 STITCHES AND 12 ROWS

CARD No. 3 A					WEAVING <5>	
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)	
0	2nd MAIN	STOCKINET	●	▼	↔	
0		STOCKINET	●	▼	↔	
54		STOCKINET	●	▼	↔ (55)	
STOP						

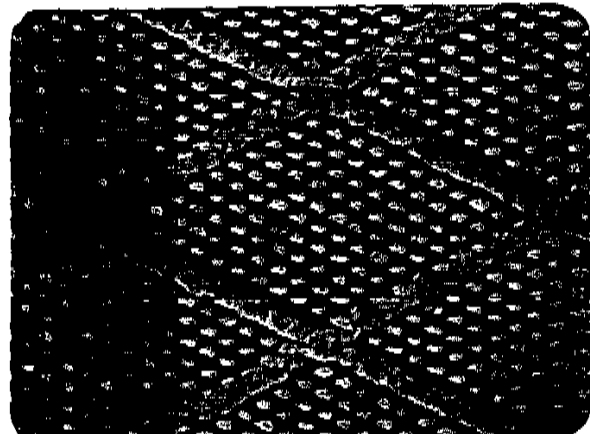
SET STOP KNOB TO ▼ MARK.

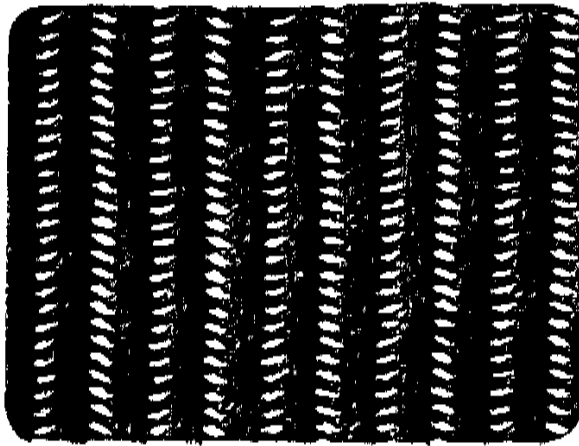
ONE PATTERN 4 STITCHES AND 8 ROWS



CARD No. 19 A					WEAVING <6>	
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS.)	
0	2nd MAIN	STOCKINET	●	▼	↔	
0		STOCKINET	●	▼	↔	
46		STOCKINET	●	▼	↔ (47)	
STOP						

SET STOP KNOB TO ▼ MARK.



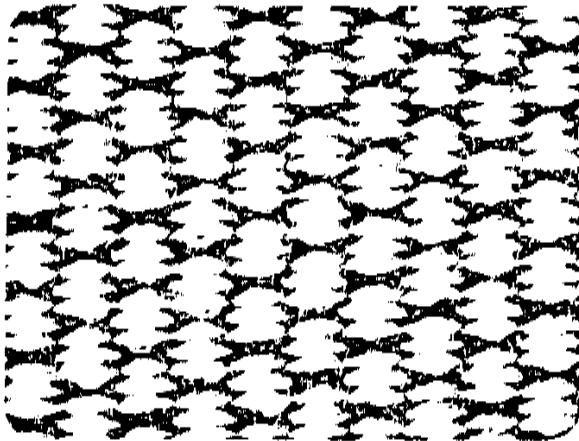

CARD No. 2-A WEAVING <7>

PAT. RS	YARN 2nd MAIN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0		LOCKING	●	▼	↑↑
0		LOCKING	●	▼	↑↑



SET STOP KNOB TO ● MARK

ONE PATTERN 4 STITCHES AND 1 ROW


CARD No. 2-A WEAVING <8>

PAT. RS	YARN 2nd MAIN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0		LOCKING	●	▼	↑↑
58		LOCKING	●	▼	↑↑
STOP					↑↑



SET STOP KNOB TO ▼ MARK

ONE PATTERN 4 STITCHES AND 4 ROWS

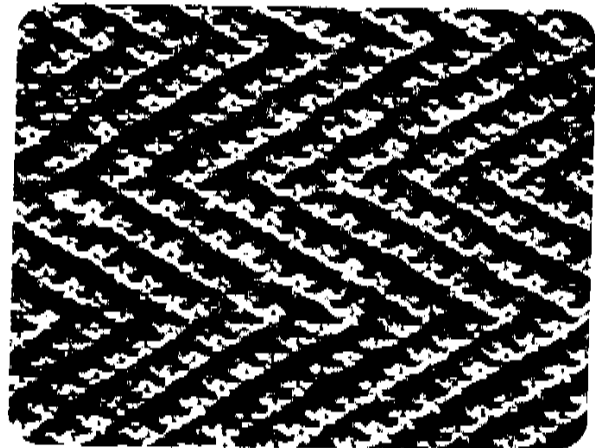
CARD No. 8 A WEAVING <9>

PAT. RS	YARN 2nd MAIN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0		STOCKING	●	▼	↑↑
52		STOCKING	●	▼	↑↑
STOP					↑↑



SET STOP KNOB TO ▼ MARK.

ONE PATTERN 3 STITCHES AND 18 ROWS

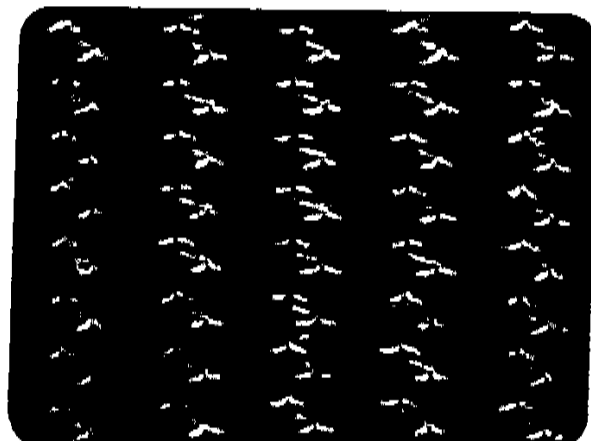

CARD No. 4 A WEAVING <10>

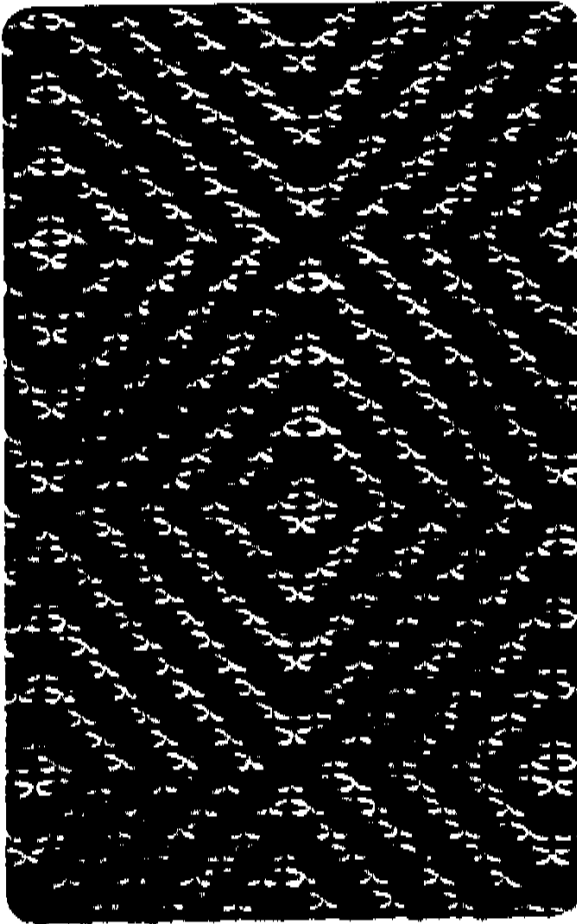
PAT. RS	YARN 2nd MAIN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0		STOCKING	●	▼	↑↑
58		STOCKING	●	▼	↑↑
STOP					↑↑



SET STOP KNOB TO ▼ MARK.

ONE PATTERN 4 STITCHES AND 4 ROWS





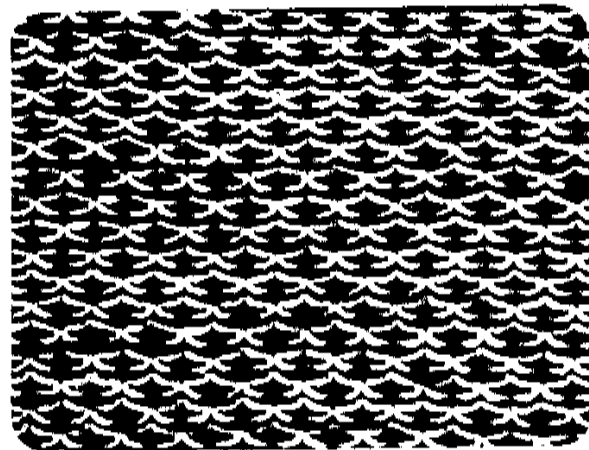
2.8

CARD No. 18-A WEAVING <11>					
PAT. RS.	YARN 2nd MAIN	CAM LEV. ①	RUSSEL LEV	SIDE LEV (BOTH)	D (RS.)
0	■	100 FINE	0	▼	→
1	■	100 FINE	0	▼	→
42	■	100 FINE	0	▼	→
STOP					
SET STOP KNOB TO ▼ MARK					

ONE PATTERN 24 STITCHES AND 44 ROWS

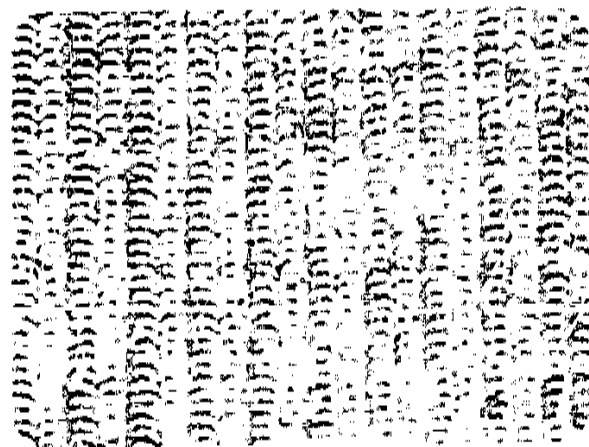
CARD No. 7-A WEAVING <12>					
PAT. RS.	YARN 2nd MAIN	CAM LEV. ①	RUSSEL LEV	SIDE LEV (BOTH)	D (RS.)
0	■	STOCKINET	●	▼	→
1	■	STOCKINET	●	▼	→
58	■	STOCKINET	●	▼	→
STOP					
SET STOP KNOB TO ▼ MARK					

ONE PATTERN 2 STITCHES AND 4 ROWS

Grid
for
repeated

CARD No. 1-A WEAVING <13>					
PAT. RS.	YARN 2nd MAIN	CAM LEV. ①	RUSSEL LEV	SIDE LEV (BOTH)	D (RS.)
0	■	STOCKINET	●	▼	→
0	■	STOCKINET	●	▼	→
1	■	STOCKINET	●	▼	→
STOP					
SET STOP KNOB TO ● MARK					

ONE PATTERN 2 STITCHES AND 1 ROWS



2.9

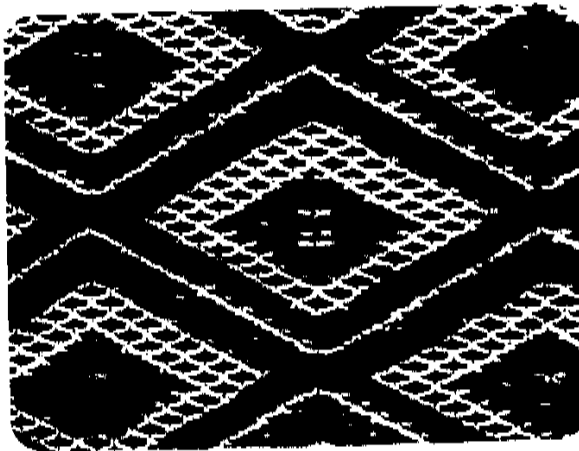


CARD No. 5-A WEAVING <14>					
PAT. RS.	YARN 2nd MAIN	CAM LEV. ①	RUSSEL LEV.	SIDE LEV. (BOTH)	D (RS)
0	STOCKINET	●	●	▼	→
1	STOCKINET	●	●	▼	→
58	STOCKINET	●	●	▼	→
STOP					



SET STOP KNOB TO ▼ MARK

ONE PATTERN 4 STITCHES AND 2 ROW



CARD No. 16-A WEAVING <15>					
PAT. RS.	YARN 2nd MAIN	CAM LEV. ①	RUSSEL LEV.	SIDE LEV. (BOTH)	D (RS)
0	STOCKINET	●	●	▼	→
1	STOCKINET	●	●	▼	→
58	STOCKINET	●	●	▼	→
STOP					



SET STOP KNOB TO ▼ MARK

ONE PATTERN 24 STITCHES AND 30 ROW

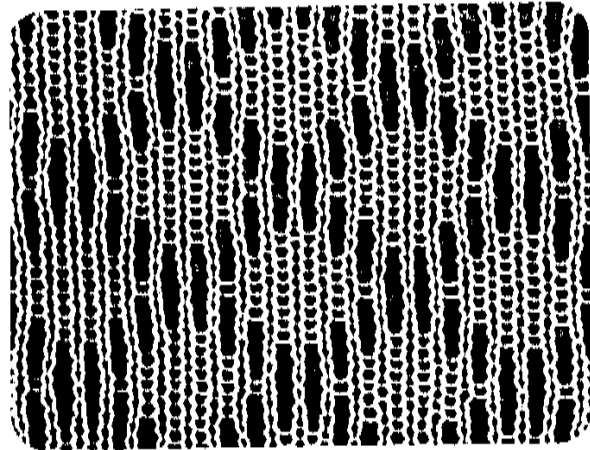
50

CARD No. 10 A WEAVING <16>					
PAT. RS.	YARN 2nd MAIN	CAM LEV. ①	RUSSEL LEV.	SIDE LEV. (BOTH)	D (RS)
0	STOCKINET	●	●	▼	→
1	STOCKINET	●	●	▼	→
46	STOCKINET	●	●	▼	→
STOP					



SET STOP KNOB TO ▼ MARK

ONE PATTERN 8 STITCHES AND 16 ROWS



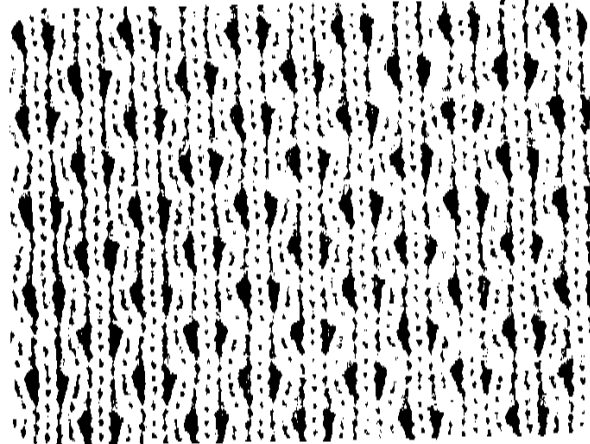
CARD No. 3 A WEAVING <17>					
PAT. RS.	YARN 2nd MAIN	CAM LEV. ①	RUSSEL LEV.	SIDE LEV. (BOTH)	D (RS)
0	STOCKINET	●	●	▼	→
1	STOCKINET	●	●	▼	→
2	STOCKINET	●	●	▼	→
3	STOCKINET	●	●	▼	→
4	STOCKINET	●	●	▼	→
58	STOCKINET	●	●	▼	→
STOP					



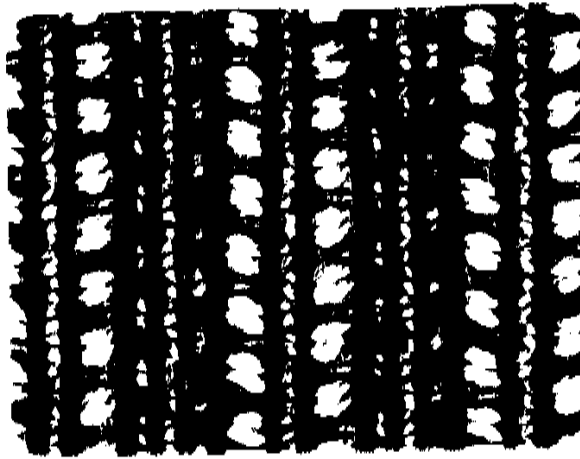
SET STOP KNOB TO ▼ MARK

* (D) * (D) Repeat the above procedure

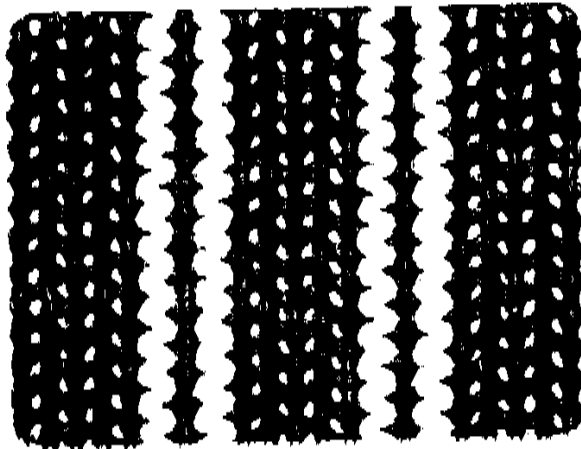
ONE PATTERN 4 STITCHES AND 8 ROWS



51

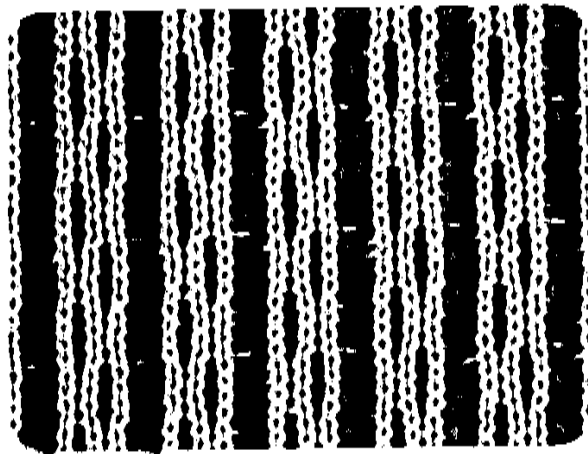


CARD No. 4-A WEAVING <18>					
PAT. RS.	YARN (2nd MAIN)	CAM LEV. LOCK KINE I	RUSSEL LEV	SIDE LEV (BOTH)	D. (RS)
0		LOCK KINE I	•	▼	→
58		LOCK KINE I	•	▼	→
STOP		LOCK KINE I	•	▼	→
SET STOP KNOB TO ▼ MARK					
NEEDLE SELECTING 					
ONE PATTERN 8 STITCHES AND 4 ROW					

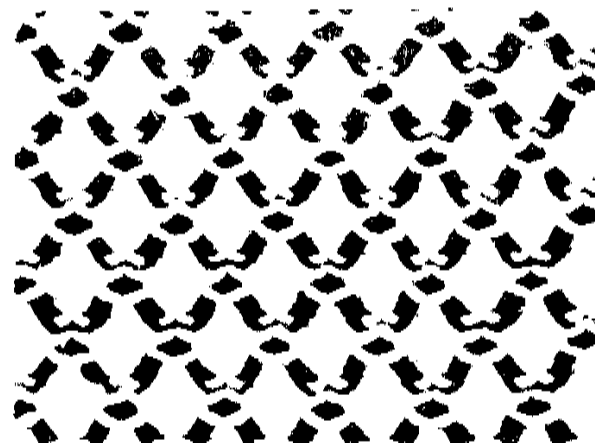


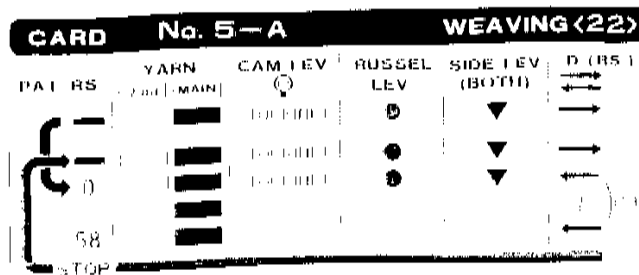
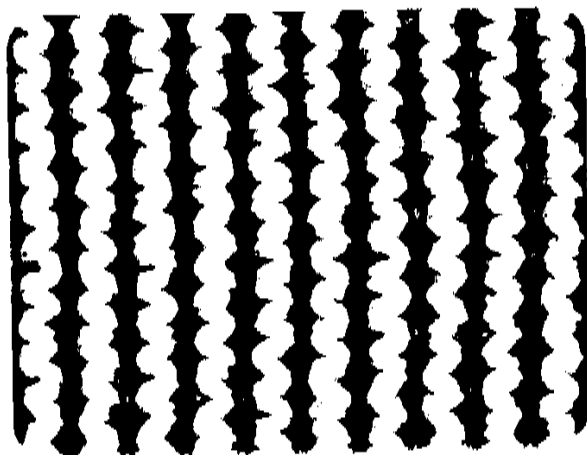
CARD No. 5-A WEAVING <19>					
PAT. RS.	YARN (2nd MAIN)	CAM LEV. LOCK KINE I	RUSSEL LEV	SIDE LEV (BOTH)	D. (RS)
0		LOCK KINE I	•	▼	→
58		LOCK KINE I	•	▼	→
STOP		LOCK KINE I	•	▼	→
SET STOP KNOB TO ▼ MARK					
NEEDLE SELECTING 					
ONE PATTERN 8 STITCHES AND 2 ROW					

CARD No. 3 A WEAVING <20>					
PAT. RS.	YARN (2nd MAIN)	CAM LEV. LOCK KINE I	RUSSEL LEV	SIDE LEV (BOTH)	D. (RS)
0		LOCK KINE I	•	▼	→
54		LOCK KINE I	•	▼	→
STOP		LOCK KINE I	•	▼	→
SET STOP KNOB TO ▼ MARK					
NEEDLE SELECTING 					
ONE PATTERN 4 STITCHES AND 8 ROWS					



CARD No. 3 A WEAVING <21>					
PAT. RS.	YARN (2nd MAIN)	CAM LEV. LOCK KINE I	RUSSEL LEV	SIDE LEV (BOTH)	D. (RS)
0		LOCK KINE I	•	▼	→
1		LOCK KINE I	•	▼	→
2		LOCK KINE I	•	▼	→
3		LOCK KINE I	•	▼	→
4		LOCK KINE I	•	▼	→
54		LOCK KINE I	•	▼	→
STOP		LOCK KINE I	•	▼	→
SET STOP KNOB TO ▼ MARK					
ONE PATTERN 4 STITCHES AND 8 ROWS					



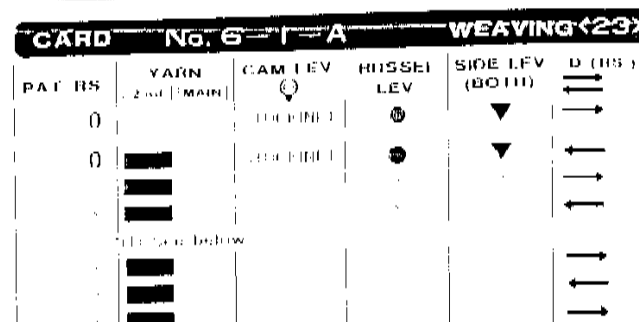
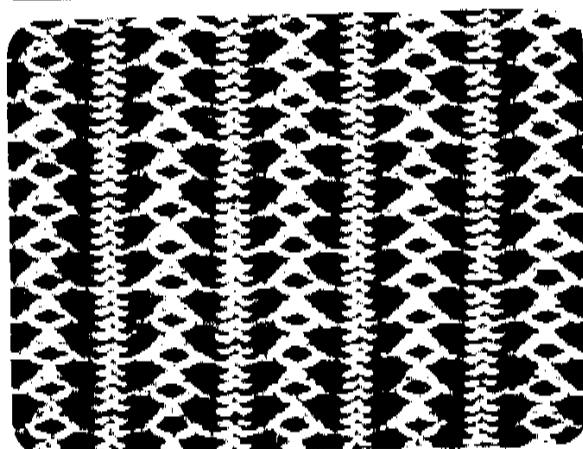


611

1 SET STOP KNOB TO ▼ MARK

NEEDS SELECTING

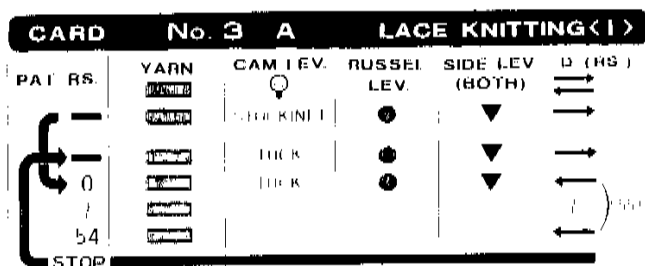
ONE PATTERN WITH 10'S AND 2 ROWS



7] SET STOP KNOB TO ● MARK.

SET STOP KNOB TO ● MARK
 4. Pick up the box a yarn and place it on the hook of the center latch needle.

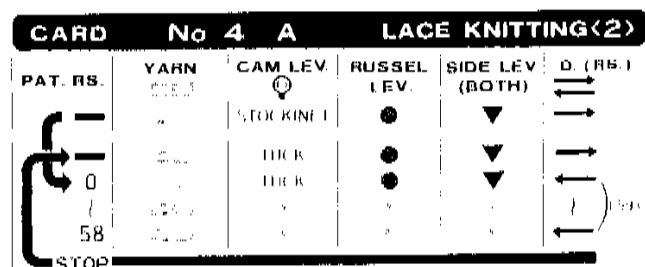
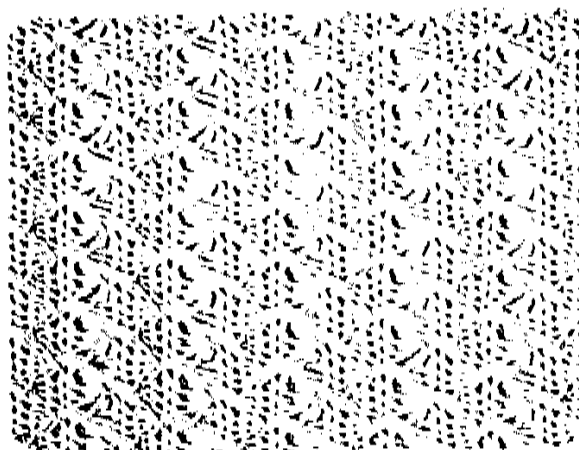
ONE PATTERN 6 STITCHES AND 3 ROWS



SET STOP KNOB TO ▼ MARK.

NEEDLE SELECTING :

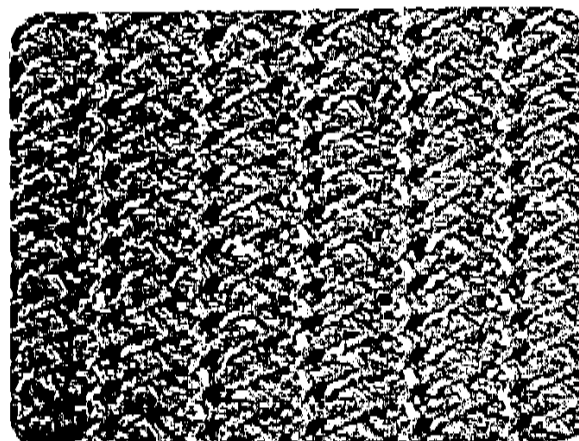
ONE PATTERN 4 STITCHES AND 8 ROWS

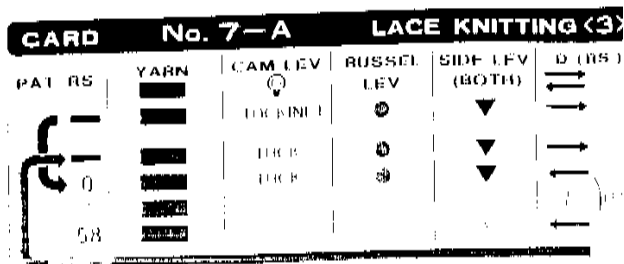
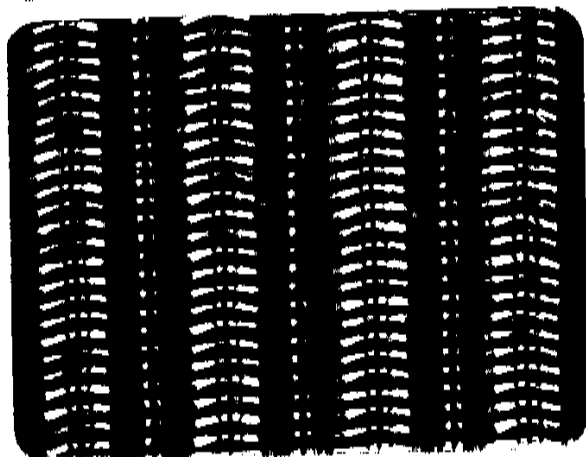
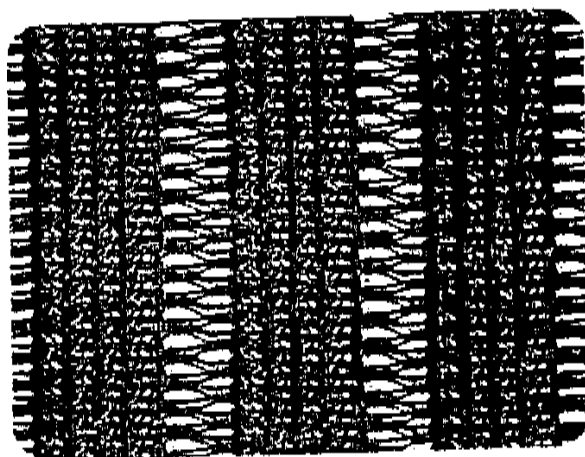


SET STOP KNOB TO ▼ MARK

NEEDLE SELECTING:

ONE PATTERN & STITCHES AND 4 HOWS

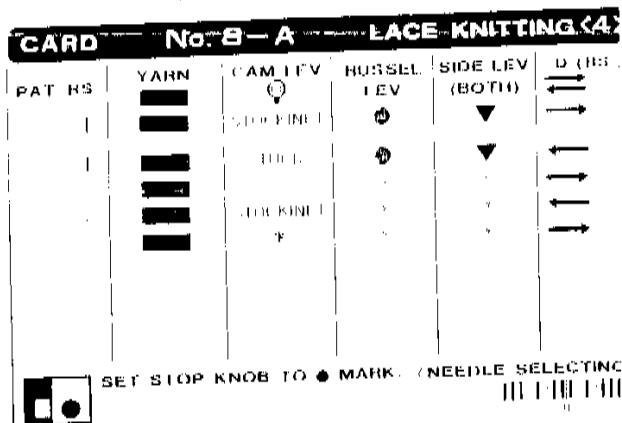




SET STOP KNOB TO ▼ MARK

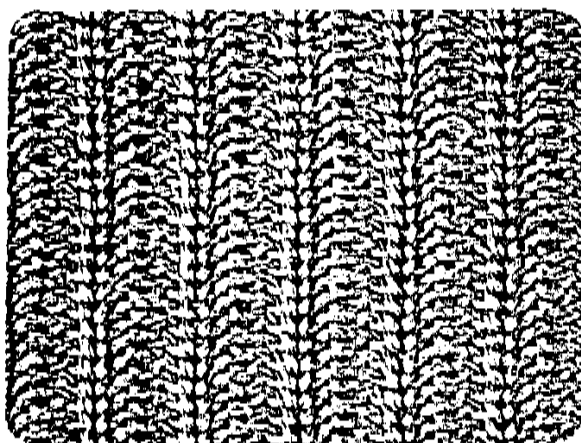
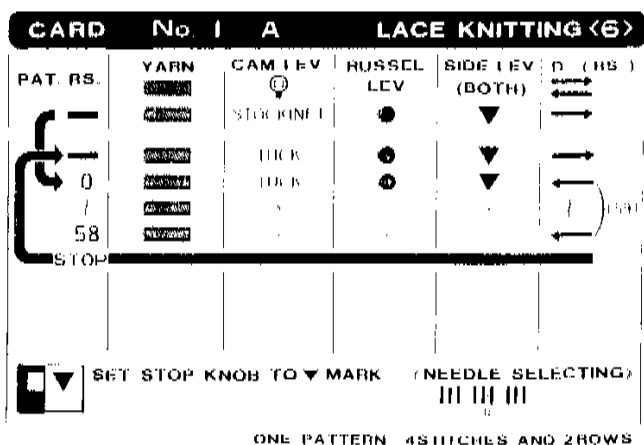
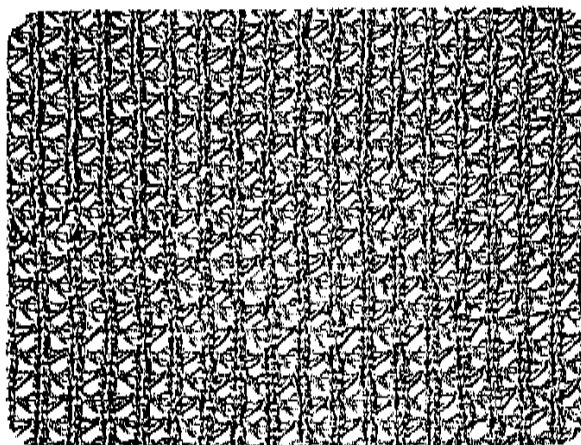
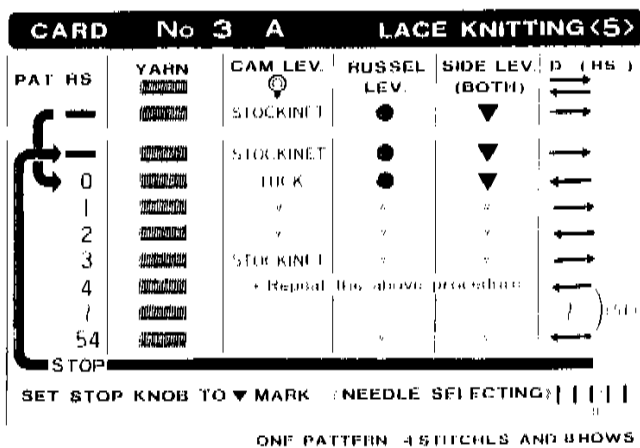
NEEDS SELECTING
1111 1111 1111

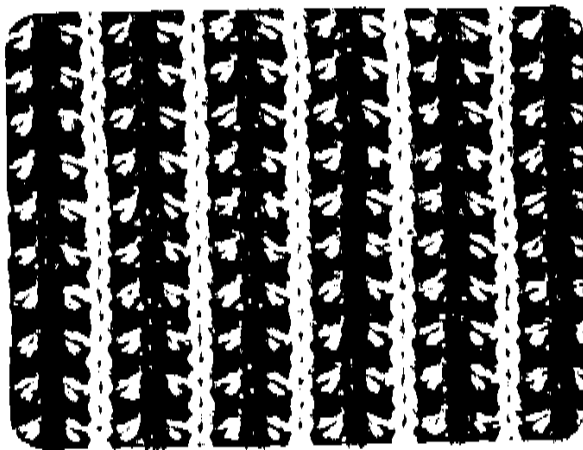
ONE PATTERN / STITCHES AND 4 ROW



SET STOP KNOB TO ● MARK. (NEEDLE SELECTING

ONE PATTERN 6 STITCHES AND 3 ROW

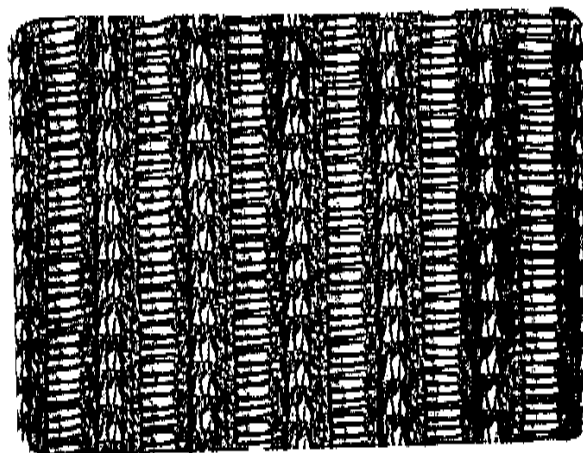




CARD No. 2-A LACE KNITTING (7)					
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS)
0	LOCK KINET	●	●	▼	↑
1	TUCK	●	●	▼	↑
2	TUCK	●	●	▼	↑
3					↑
4	*				↑
58					↑
STOP					↑

SET STOP KNOB TO ▼ MARK (NEEDLE SELECTING)
 * Repeat the above procedure

ONE PATTERN 4 STITCHES AND 4 ROWS



CARD No. 5-A LACE KNITTING (6)					
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS)
0	LOCK KINET	●	●	▼	↑
0	TUCK	●	●	▼	↑
0	TUCK	●	●	▼	↑
0	LOCK KINET	●	●	▼	↑
*					↑

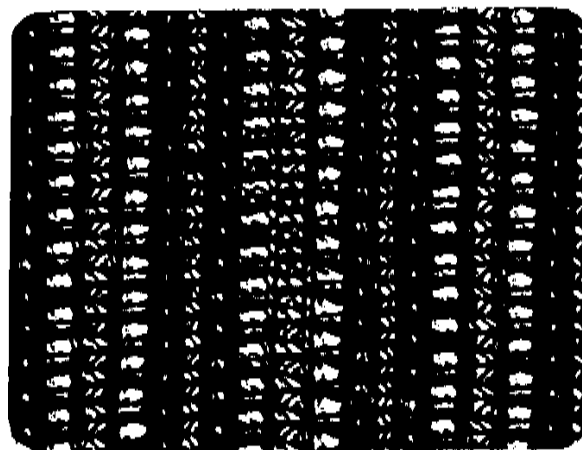
SET STOP KNOB TO ● MARK (NEEDLE SELECTING)
 * Repeat the above procedure

ONE PATTERN 4 STITCHES AND 4 ROWS

CARD No. 4-A LACE KNITTING (9)					
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS)
0	LOCK KINET	●	●	▼	↑
1	TUCK	●	●	▼	↑
58	TUCK	●	●	▼	↑
STOP					↑

SET STOP KNOB TO ▼ MARK (NEEDLE SELECTING)
 * Repeat the above procedure

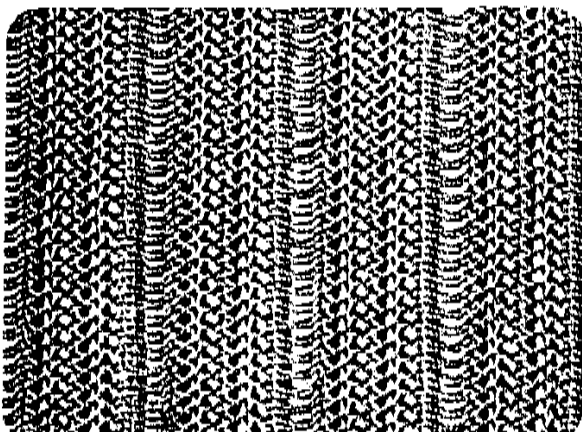
ONE PATTERN 8 STITCHES AND 4 ROWS

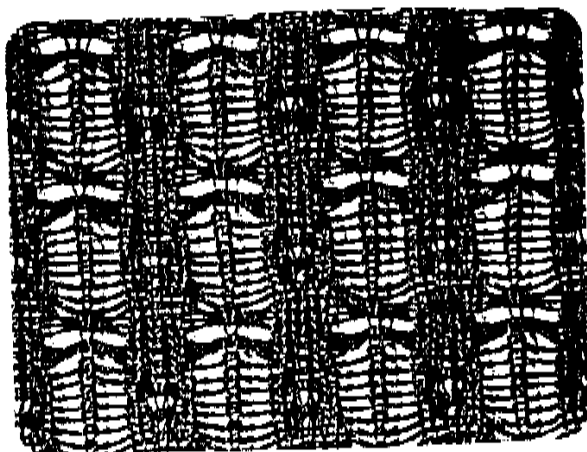


CARD No. 9-A LACE KNITTING (10)					
PAT. RS.	YARN	CAM LEV.	RUSSEL LEV.	SIDE LEV. (BOTH)	D. (RS)
0	LOCK KINET	●	●	▼	↑
0	TUCK	●	●	▼	↑
*	LOCK KINET	●	●	▼	↑

SET STOP KNOB TO ● MARK (NEEDLE SELECTING)
 * Repeat the above procedure

ONE PATTERN 6 STITCHES AND 2 ROWS

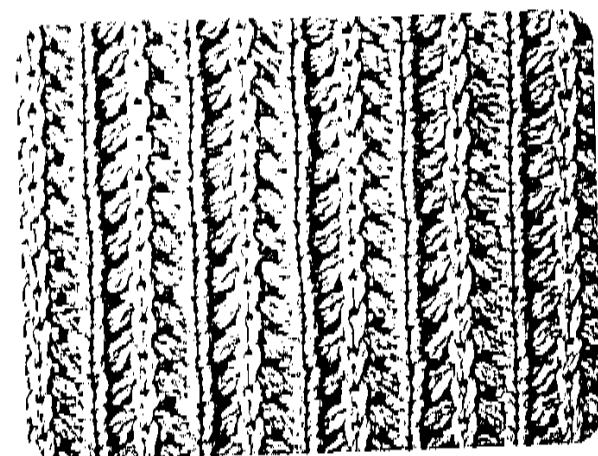




CARD No. 6-1-A LACE KNITTING <11>					
PAT. RS.	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D. (RS)
0	STOCKINET	●	●	▼	↑
0	THICK	●	●	▼	↑
0	THICK	●	●	▼	↑
46					↑
STOP					↑

SET STOP KNOB TO ▼ MARK NEEDLE SELECTING

ONE PATTERN 65 STITCHES AND 16 ROWS



CARD No. 2-A LACE KNITTING <12>					
PAT. RS.	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D. (RS)
0	STOCKINET	●	●	▼	↑
0	THICK	●	●	▼	↑
0	STOCKINET	●	●	▼	↑

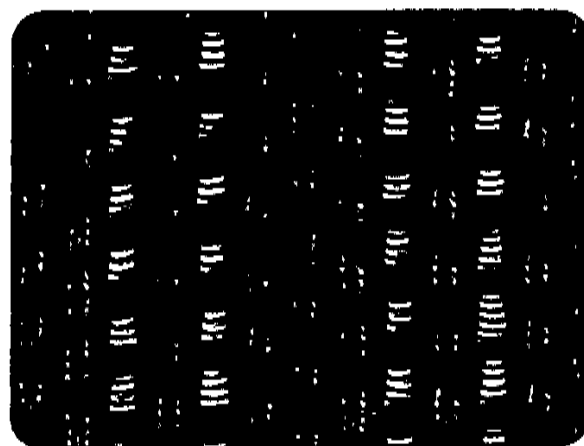
SET STOP KNOB TO ● MARK NEEDLE SELECTING

ONE PATTERN 45 STITCHES AND 16 ROWS

CARD No. 3-A LACE KNITTING <13>					
PAT. RS.	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D. (RS)
0	STOCKINET	●	●	▼	↑
0	THICK	●	●	▼	↑
0	THICK	●	●	▼	↑
54					↑
STOP					↑

SET STOP KNOB TO ▼ MARK NEEDLE SELECTING

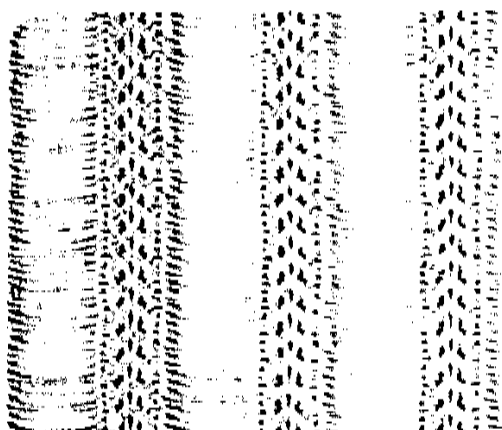
ONE PATTERN 125 STITCHES AND 16 ROWS

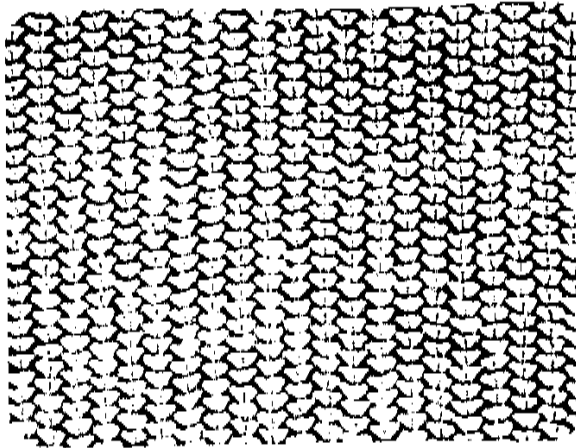


CARD No. 7-A LACE KNITTING <14>					
PAT. RS.	YARN	CAM LEV	RUSSEL LEV	SIDE LEV (BOTH)	D. (RS)
0	STOCKINET	●	●	▼	↑
0	THICK	●	●	▼	↑
0	STOCKINET	●	●	▼	↑

SET STOP KNOB TO ● MARK NEEDLE SELECTING

Repeat the above procedure.

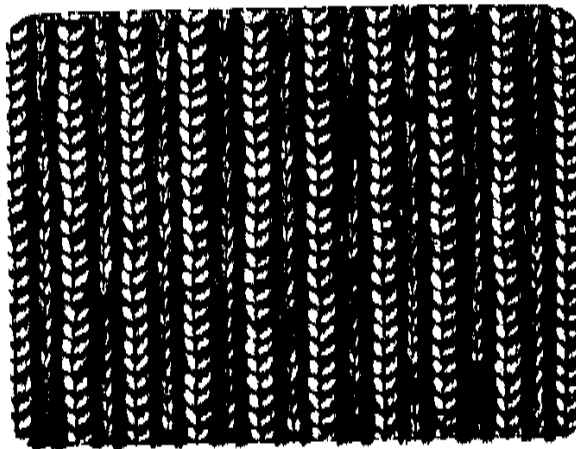




CARD No. 1 — A TWO THREAD KNITTING <1>					
PAT. RS.	YARN 2nd MAIN	CAM LEV (1)	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0	STOCKINET	TOE FINE	0	▼	→
1	THICK	TOE	2	▼	→
58	STOCKINET	TOE FINE	0	▼	→
STOP					→

SET STOP KNOB TO ▼ MARK

ONE PATTERN 2 STITCHES AND 2 ROWS



CARD No. 2 — A TWO THREAD KNITTING <2>					
PAT. RS.	YARN 2nd MAIN	CAM LEV (1)	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0	STOCKINET	TOE FINE	0	▼	→
1	THICK	TOE	3	▼	→
58	STOCKINET	TOE FINE	0	▼	→
STOP					→

SET STOP KNOB TO ● MARK
- Repeat the above procedure

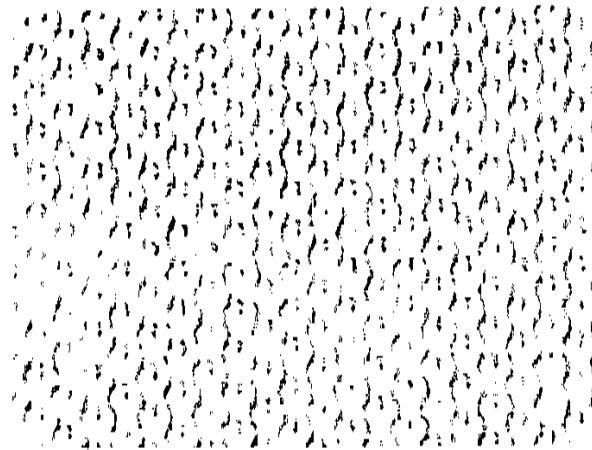
ONE PATTERN 2 STITCHES AND 2 ROWS

CARD No. 7 — A TWO THREAD KNITTING <3>

PAT. RS.	YARN 2nd MAIN	CAM LEV (1)	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0	STOCKINET	TOE FINE	0	▼	→
1	THICK	TOE	0	▼	→
58	STOCKINET	TOE FINE	0	▼	→
STOP					→

SET STOP KNOB TO ▼ MARK
- Repeat the above procedure

ONE PATTERN 2 STITCHES AND 4 ROWS

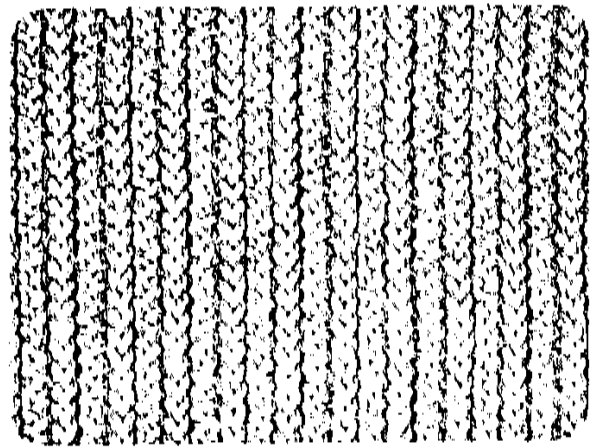


CARD No. 5 — A TWO THREAD KNITTING <4>

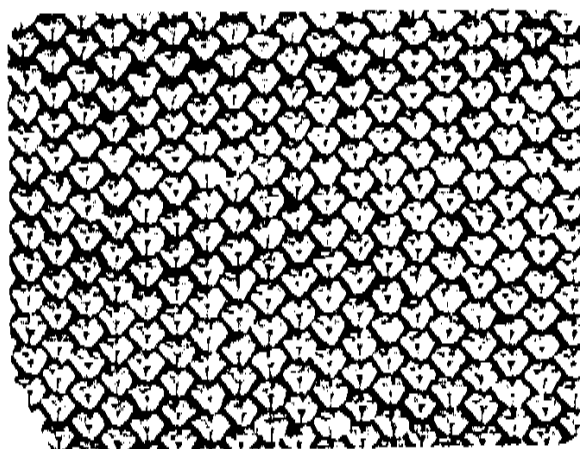
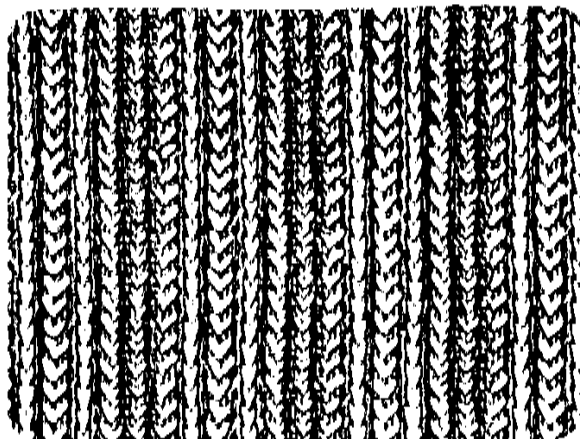
PAT. RS.	YARN 2nd MAIN	CAM LEV (1)	RUSSEL LEV	SIDE LEV (BOTH)	D (RS)
0	STOCKINET	TOE FINE	0	▼	→
1	THICK	TOE	0	▼	→
58	STOCKINET	TOE FINE	0	▼	→
STOP					→

SET STOP KNOB TO ▼ MARK

ONE PATTERN 4 STITCHES AND 2 ROWS



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**CARD No. 9—A TWO-THREAD KNITTING <5>**

PAT. RS.	YARN	CAM LEV.	RUSSET LEV.	SIDE LEV. (BOTH)	D. (RS.)
1)	MAIRI	1	1	▼	→
2)	MAIRI	1	1	▼	→



SET STOP KNOB TO ● MARK
Repeat the above procedure

ONE PATTERN 6 STITCHES AND 2 ROW

CARD No. 7—A TWO-THREAD KNITTING <6>

PAT. RS.	YARN	CAM LEV.	RUSSET LEV.	SIDE LEV. (BOTH)	D. (RS.)
1)	MAIRI	1	1	▼	→
2)	MAIRI	1	1	▼	→
3)	MAIRI	1	1	▼	→
4)	MAIRI	1	1	▼	→
5)	MAIRI	1	1	▼	→
6)	MAIRI	1	1	▼	→



SET STOP KNOB TO ▼ MARK

ONE PATTERN 25 STITCHES AND 4 ROW

SERIES OF PUNCHED CARDS FOR SALE SEPARATELY

To give you a broader selection of punched cards for choice from there has been chosen series placed on sale. Each series contains ten punched cards.

Series are classified into those of solid pattern, colored patterns, etc., respectively, depending on the series. Besides these representative patterns, each series includes other types of knitting too.

- Series No. 21 Solid pattern
- Series No. 22 Colored patterns
- Series No. 23 Lace knitting
- Series No. 24 Knit in, large patterns
- Series No. 25 Knit in, large patterns
- Series No. 26 Knit in, large patterns
- Series No. 27 Knit in, small patterns
- Series No. 28 Weaving, large patterns
- Series No. 29 Weaving, small patterns
- Series No. 30 Knit in, special patterns
- Series No. 31 Knit in, special patterns

