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PASSAP® Jac SWISS MADE

Dear PASSAP Friend,

Congratulations on your new PASSAP Jac! Now, pattern knitting with one or several colours will be even more simple and faster on your PASSAP DUOMATIC.
With the PASSAP Jac you can really exploit all the wonderful possibilities offered by the automatic pattern selector of your PASSAP DUOMATIC.
The PASSAP Jac is unique thanks to its large pattern motifs up to 40 stitches wide and 200 rows high. Try and find somebody who can match this!
The new punched cards of the PASSAP Jac are specially conceived for the PASSAP DUOMATIC. The figures on the cards correspond with the figures on the row counter of your PASSAP DUOMATIC.

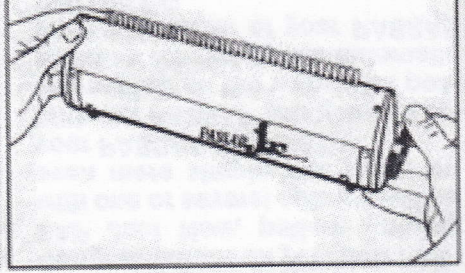
You will easily learn how to operate the PASSAP Jac. This booklet gives clear instructions and 80 illustrations of fashionable and up to date stitch patterns. With your PASSAP Jac you have already received cards numbers 1 to 4. For further punched cards ask your PASSAP dealer indicating the reference number of the desired stitch pattern.

You have chosen well. Go ahead and make use of your PASSAP Jac. We wish you much pleasure and successful pattern knitting.

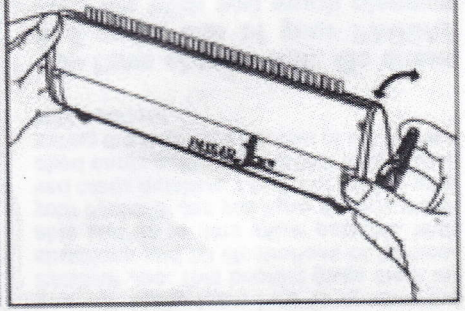
Yours PASSAP-EXPORT

Instruction for use

How to hold the PASSAP Jac:
1) Inscription «PASSAP Jac» facing, hold this device at both ends with your finger tips on the plastic side plates, right thumb on lever.



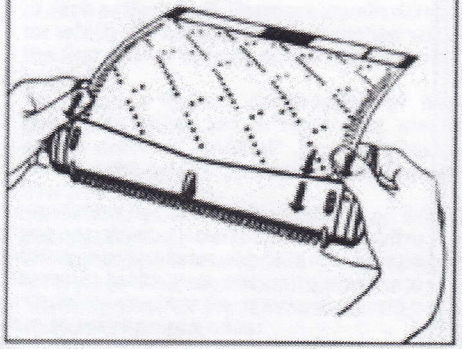
How to operate it:
2) Press lever with right thumb backwards until it clicks into place. All 40 pins appear on top of the PASSAP Jac.
3) With your right forefinger press lever forwards to return it to its initial position. Now, all 40 pins appear at the bottom of the PASSAP Jac. (Position for pusher selection on front bed)
Repeat operations 2) and 3) several times.



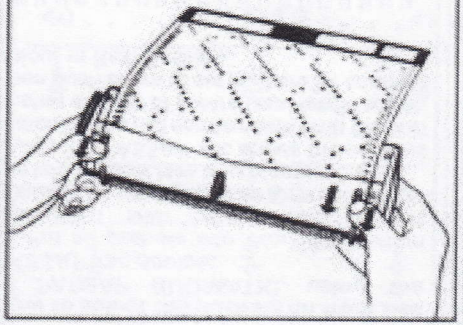
How to insert a punched card:

4) The pins appear at the bottom as in paragraph 3). Turn PASSAP Jac around, with the narrow opening for inserting the punched card facing you and black arrow pointing downwards.

5) Insert punched card with printing on top, black arrow (right bottom of card) slides under arrow of PASSAP Jac.



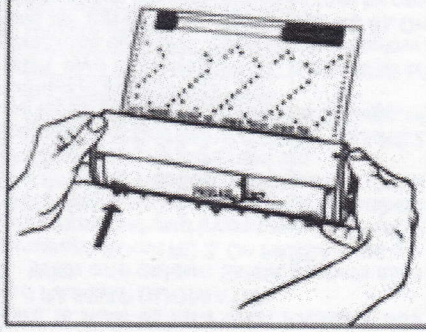
Attention: Inserted punched card must be perfectly straight. The teeth of both red plastic wheels must fit into the holes on both sides of the card. If necessary adjust wheels a bit in the direction of the arrow.



The transportation of the punched card:

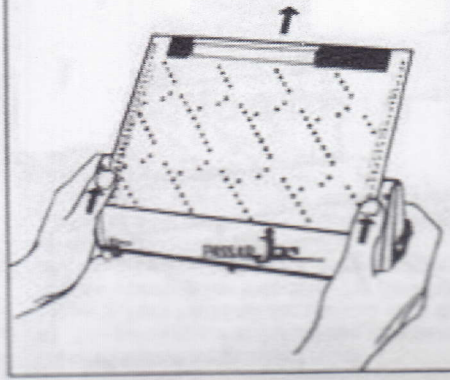
6) Turn PASSAP Jac around so that your right thumb rests on lever (as per paragraph 1). Switch the lever several times back and forth (operations 2) and 3). Each time you do this the pattern card advances by one punched row. After several operations the figure (0) will appear in the left window, indicating the number of rows and in the right window capital letter(s) will appear, indicating the contrast and (or) main colour. Now, the PASSAP Jac is all set for the first pusher selection.

Note: To get some practice switch through the whole punched card. After approx. 6 operations the beginning of the punched card will emerge from the narrow front opening.



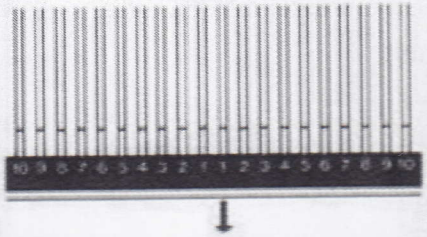
How to remove the card:

7) After the last row (or at any other time if necessary) press lever back and leave it in this position. The punched card can thus be pulled out by hand from the front opening in the direction of the arrow.



How to select the pushers on front bed of PASSAP DUOMATIC, using the PASSAP Jac device:

8) Put all pushers into Working Position (straighten with pattern ruler). Insert punched card so that figure ‹0› is showing in the left window (see also paragraph 6).
Guide the PASSAP Jac above the pushers matching the red centre notch with the first pusher at right of centre (see needle scale). Then push down to set pushers for contrast colour in Rest Position.



Work according to pattern and indications in the right window for contrast and main colour (see paragraph 9).

Here is how to knit with PASSAP Jac and PASSAP DUOMATIC:

9) With one colour: Select pushers as in paragraph 8), knit RC 2. On PASSAP Jac advance punched card by one row (press lever back, then snap it forward). Put all pushers into Working Position, select pushers with PASSAP Jac, knit RC 2, etc. etc.
For each punched row on PASSAP Jac, RC 2 are to be knitted, to complete 2 rows of knitting.

With two colours: Select pushers as in paragraph 8), knit RC 2 with contrast colour, then RC 2 with main colour (total RC 4). On PASSAP Jac advance punched card by one row. Put all pushers into W.P., select pushers with PASSAP Jac, knit RC 2 with contrast colour then RC 2 with main colour (total RC 8) etc.
For each punched row on PASSAP Jac, RC 4 are to be knitted, to complete 2 rows of knitting.

A few details on the pattern series of a punched card:

10) The number of rows for one pattern series depends on the number of punched rows of the patttern card. On top of every pattern card you will find the respective indication ‹RC...›.

After having knitted the last row remove card from the PASSAP Jac as per paragraph 7 and re-insert as in paragraph 4, 5 and 6 to repeat pattern.

In the left window, the number of knitted rows are indicated. If more than 98 RC rows are to be knitted the figures recommence with ‹0›.

11) The number of stitches for one pattern series or motif is also given on top of each pattern card. There are usually 40 sts for which the centre notch is matched with the first pusher at right of centre (see paragraph 8).

To obtain a correct continuation of the pattern to either left or right side, place centre notch of PASSAP Jac as follows:

To the right: on 41st pusher at right, then on 81st pusher at right.

To the left: on 40th pusher at left, on 80th pusher at left.

If the pattern series consists of 36 stitches only, place the centre notch as follows:

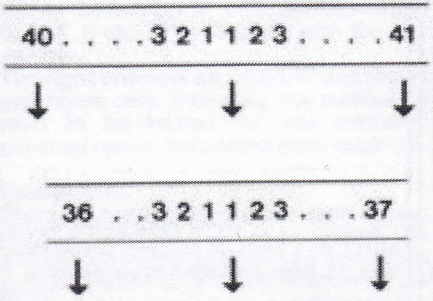
To the right: on 37th pusher at right, then on 73 pusher at right.

To the left: on 36th pusher at left, then on 72nd pusher at left.

The needle scale on the PASSAP DUOMATIC serves for your guidance. Initial position is always the first pusher at right of centre and for the continuation to the right and left the pusher next to the former pattern series.

Tip:

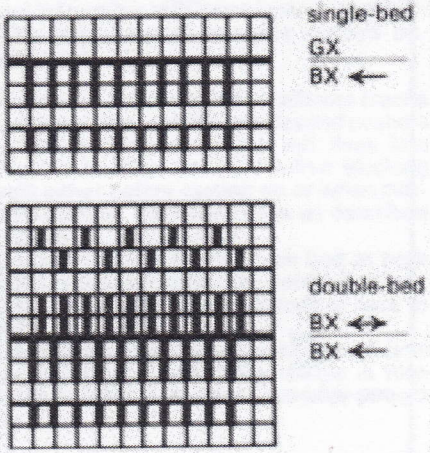
We advise to mark with paint the pushers for the centre notch and to place them wherever needed.



The three different kinds of PASSAP Jac patterns for PASSAP DUOMATIC:

12) Fairisle pattern

Every pattern card marked ‹fairisle pattern› can be used for single- and double-bed knitting.



The technique is basically the same for single-bed and double-bed knitting, i.e. 2 rows contrast colour, 2 rows main colour = RC 4 = 2 complete rows for 1 punched row on the pattern card.

The left window on the PASSAP Jac shows the number of rows already knitted: 0, 4, 8, 12 etc. in accordance with the row counter.

The right window on the PASSAP JAC shows capital letters, indicating the colours that are to be knitted:
A = main colour, B = first contrast colour, C = second contrast colour, D = third contrast colour.

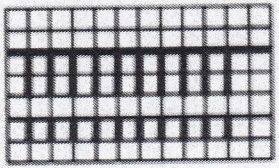
Not more than two letters appear in the right window. In case two letters appear and no other instructions are given, procede as follows: select pushers on front bed, then knit 2 rows according to first letter and then 2 rows according to second letter.

In case only one letter appears preceded by one figure, no pins protrude at the bottom of the PASSAP Jac. This means that no pushers have to be selected, but a certain number of rows has to be knitted in plain fairisle stitch. Therefore: on front bed put pushers into Working Position using pattern ruler. Then knit the required number of RC rows with the indicated colour as follows: **single-bed knitting** with lock set at back on GX, at front on BX O, **double-bed knitting** with lock set at back on BX ↔, at front on BX O.

Only then advance punched card by one row and select pushers on front bed. Press left arrow key at front again.

13) Multi-coloured loop patterns

Pattern cards marked ‹multi-coloured loop patterns› are used for single-bed knitting



single-bed
GX
AX

For every new colour the card has to be advanced by 1 punched row, usually 2 rows are knitted with each colour = RC 2.

The left window on the PASSAP Jac shows the number of rows already knitted: 0, 2, 4, 6 etc. in accordance with the row counter.

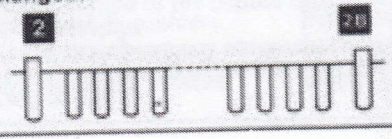
The right window on the PASSAP Jac shows one capital letter for the RC rows to be knitted. Here also we have: A = main colour, B = first contrast colour, C = second contrast colour etc. etc.

The figure preceding the letter indicates the number of rows to be knitted for this particular punched row of the pattern card.

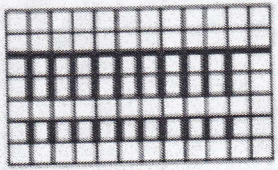
As long as pins protrude at the bottom of the PASSAP Jac go ahead in the usual way. As soon as no pins protrude at the bottom of the PASSAP Jac, the required number of RC rows (see right window on PASSAP Jac) has to be knitted in plain stocking stitch with lock set on AX.

Therefore: With pattern ruler put pushers into Working Position, then knit the required number of RC rows in stocking stitch.

The lock setting remains always unchanged.



14) Plain loop and lacy patterns.
for single-bed knitting only.



single-bed
GX
AX

In general, there are always 2 rows to be knitted for each row of the pattern card.

The left window on the PASSAP Jac shows the number of rows already knitted: 0, 2, 4, 6 etc. in accordance with the row counter.

The right window on PASSAP Jac shows one figure only, indicating the number of rows to be knitted for this particular punched row of the pattern card, usually 2.

Exceptions:
There are patterns where 3 or even 4 rows per 1 punched row have to be knitted. The number of rows already knitted appears in the left window (0, 3, 6 or 0, 4, 8) and in the right window appears the number of rows which have to be knitted.

As long as pins protrude at the bottom of the PASSAP Jac go ahead in the usual way. As soon as no pins protrude at the bottom of the PASSAP Jac, the required number of RC rows (see right window) has to be knitted in plain stocking stitch with lock set on AX. Therefore: With pattern ruler put pushers into Working Position, then knit the required number of RC rows in stocking stitch.

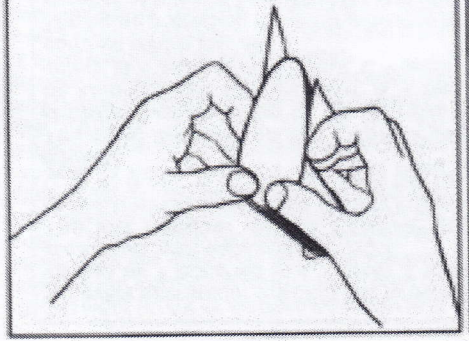
The lock setting remains always unchanged.

For open-work and lacy patterns (cards with red lines put the needles and pushers which correspond to the red lines into Neutral Position (pushers within blocking rail) either before casting on or when starting pattern. Otherwise work as described before.

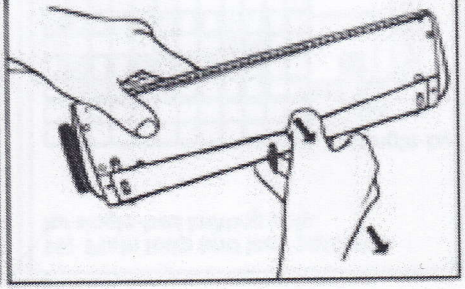
For even edges, on the back bed at both ends put a supplementary needle in Working Posibon and adjust the lock at back to N.

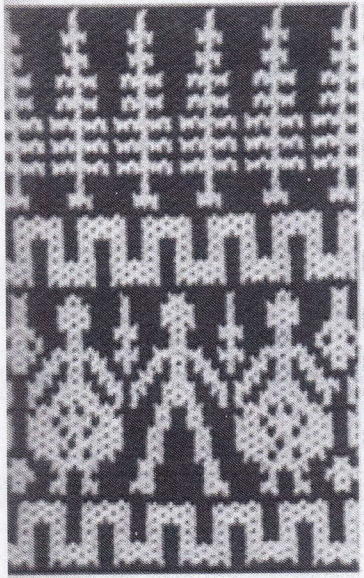
For even edges, on the back bed at both ends put a supplementary needle in Working Position and adjust the lock at back to N.

First aid guide
Hardly anything can go wrong provided you **insert the punched card cautiously and perfectly straight.**
Incorrect inserting of the pattern card may jam the PASSAP Jac.
How to clear jamming:
Never try to pull the pattern card out – leave it as it is. Then remove outer tin cap as follows: lift tin cap off, if necessary using screw driver and pull it down. Take pattern card out.



Replace tin cap, lifting it carefully over the little red plastic wheels, because these can only go in the direction of arrow. When the tin cap is replaced correctly, three teeth of each red plastic wheel have to be seen each side.
Re-insert pattern card. Watch out that the arrow on the card is exactly in line with the arrow on the PASSAP Jac according to paragraph 5).





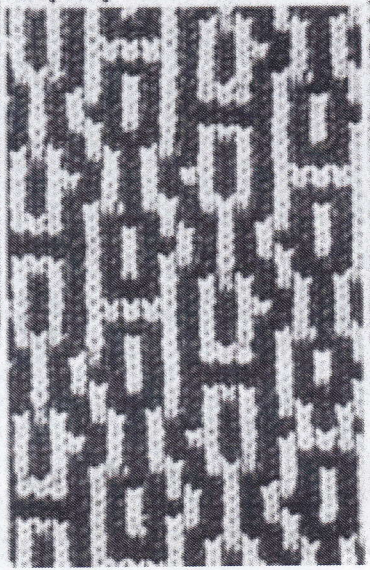
1 (5)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

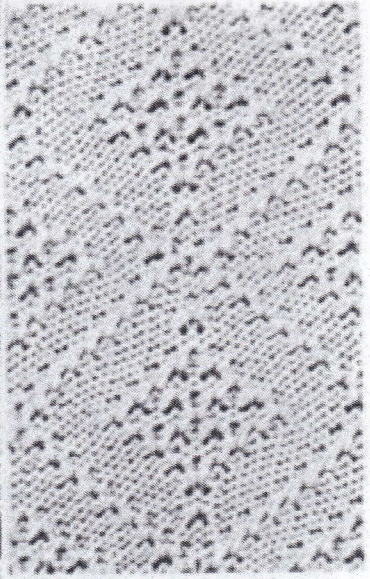
2 (91a)
Jacquardmuster, 3 Farben
Point jacquard, 3 couleurs
Fairisle pattern, 3 colours
Diseño jacquard, 3 colores

PASSAP

Henkelmuster, 2 Farben
Dessin à jetés (brides), 2 couleurs
Loop pattern, 2 colours
Diseño con lazadas, 2 colores

3 (65)





4 (44)
Henkelmuster einfarbig
Dessin à jetés (brides) unicolore
Loop pattern of one colour
Diseño con lazadas, unicolor

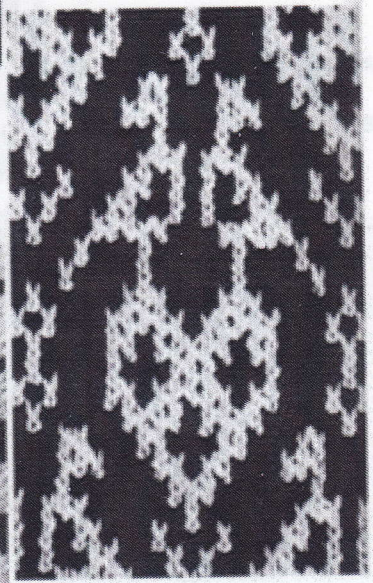
5 (9)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

6 (21)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

PASSAP

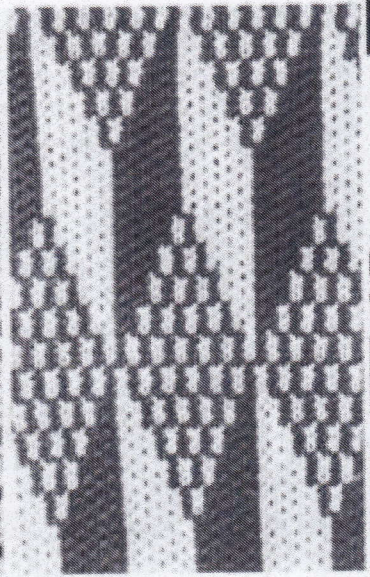
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

7 (2)



8 (11)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

9 (15)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

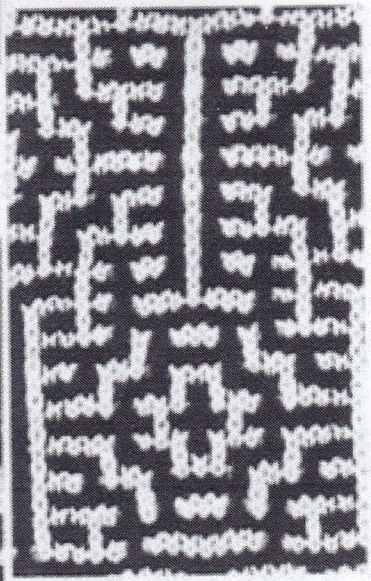


10 (17)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

PASSAP

Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

11 (20)



12 (83a)
Henkelmuster, 2 Farben
Dessin à jetés (brides), 2 couleurs
Loop pattern, 2 colours
Diseño con lazadas, 2 colores

13 (24)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

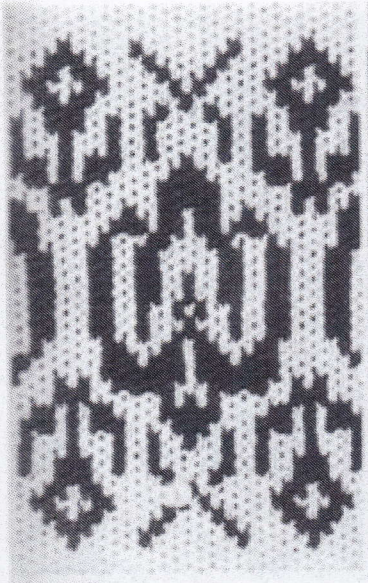
14 (24a)
Jacquardmuster, 3 Farben
Point jacquard, 3 couleurs
Fairisle pattern, 3 colours
Diseño jacquard, 3 colores

PASSAP

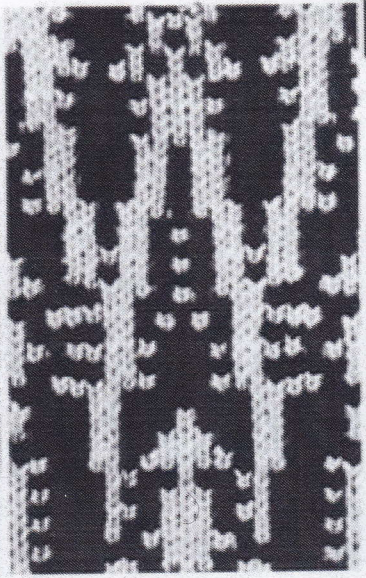
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

15 (27)

16 (25)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores



17 (11a)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

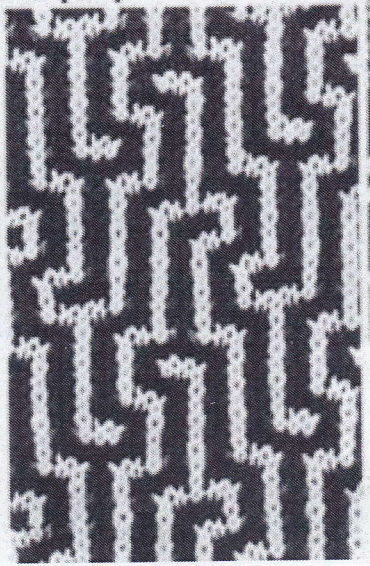


18 (34a)
Henkelmuster, 2 Farben
Dessin à jetés (brides), 2 couleurs
Loop pattern, 2 colours
Diseño con lazadas, 2 colores

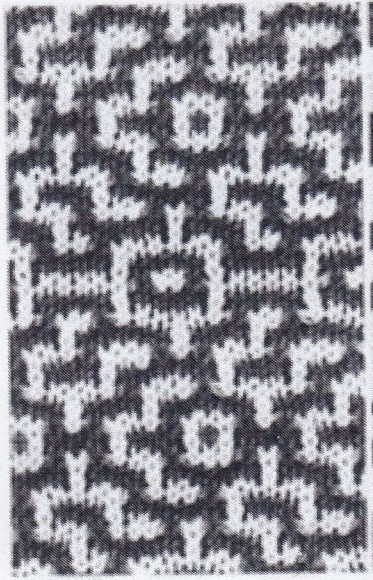
PASSAP

Henkelmuster, 2 Farben
Dessin à jetés (brides), 2 couleurs
Loop pattern, 2 colours
Diseño con lazadas, 2 colores

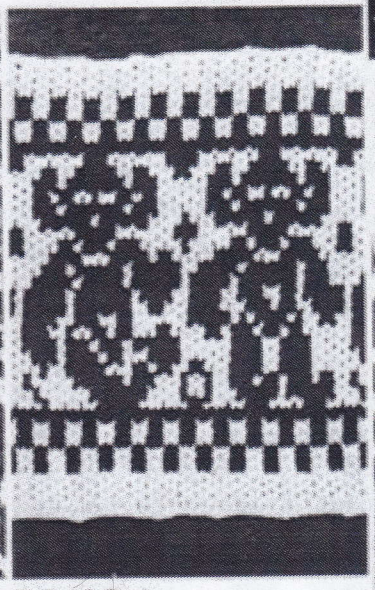
19 (67)



20 (40)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores



21 (43)
Henkelmuster, 2 Farben
Dessin à jetés (brides), 2 couleurs
Loop pattern, 2 colours
Diseño con lazadas, 2 colores

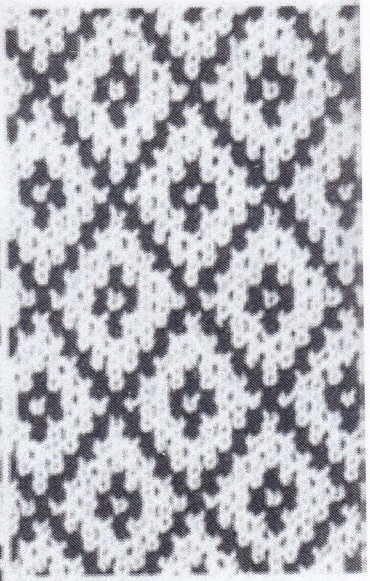


22 (63a)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

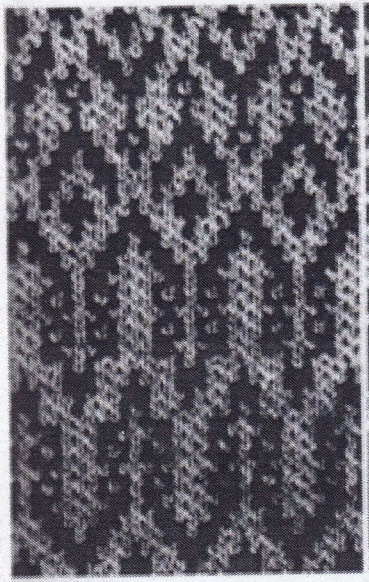
PASSAP

Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

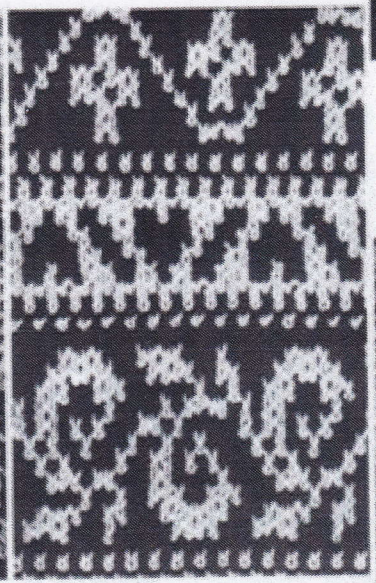
23 (47a)



24 (57)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores



25 (39)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores



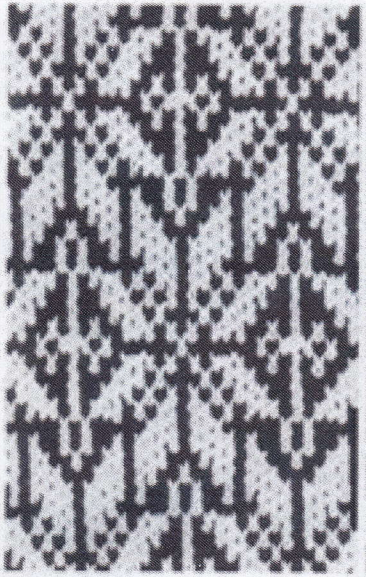
26 (45a)
Jacquardmuster, 3 Farben
Point jacquard, 3 couleurs
Fairisle pattern, 3 colours
Diseño jacquard, 3 colores

PASSAP

Henkelmuster einfarbig
Dessin à jetés (brides) unicolore
Loop pattern of one colour
Diseño con lazadas, unicolor

27 (58)

28 (56)
Henkelmuster, 3 Farben
Dessin à jetés (brides), 3 couleurs
Loop pattern, 3 colours
Diseño con lazadas, 3 colores



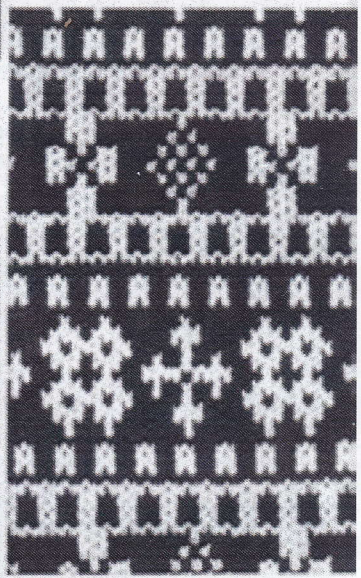
29 (90)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

30 (101)
Jacquardmuster, 4 Farben
Point jacquard, 4 couleurs
Fairisle pattern, 4 colours
Diseño jacquard, 4 colores

PASSAP.

Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

31 (107)



32 (106)
Jacquardmuster, 4 Farben
Point jacquard, 4 couleurs
Fairisle pattern, 4 colours
Diseño jacquard, 4 colores

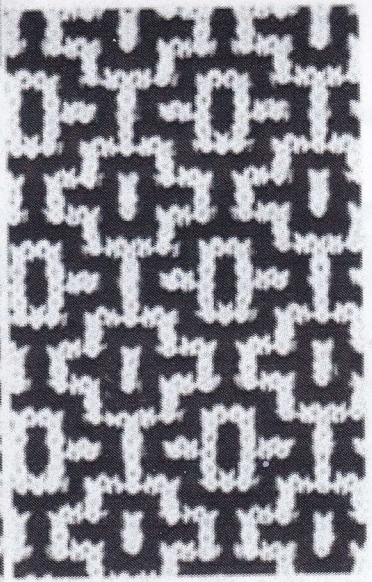
33 (85)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

34 (72a)
Jacquardmuster, 5 Farben
Point jacquard, 5 couleurs
Fairisle pattern, 5 colours
Diseño jacquard, 5 colores

PASSAP Jac

Henkelmuster, 2 Farben
Dessin à jetés (brides), 2 couleurs
Loop pattern, 2 colours
Diseño con lazadas, 2 colores

35 (75)



36 (93)
Henkelmuster, 2 Farben
Dessin à jetés (brides), 2 couleurs
Loop pattern, 2 colours
Diseño con lazadas, 2 colores

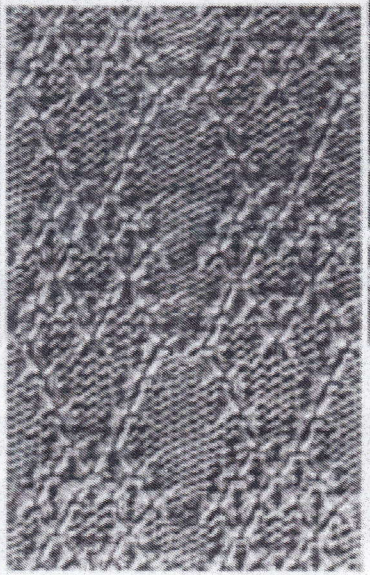
37 (75a)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

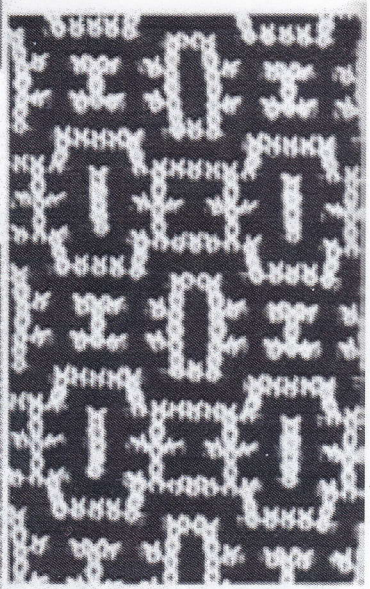
38 (61a)
Jacquardmuster, 3 Farben
Point jacquard, 3 couleurs
Fairisle pattern, 3 colours
Diseño jacquard, 3 colores

PASSAP.

Henkelmuster einfarbig
Dessin à jetés (brides) unicolore
Loop pattern of one colour
Diseño con lazadas, unicolor

39 (45)





40 (99)
Henkelmuster, 2 Farben
Dessin à jetés (brides), 2 couleurs
Loop pattern, 2 colours
Diseño con lazadas, 2 colores

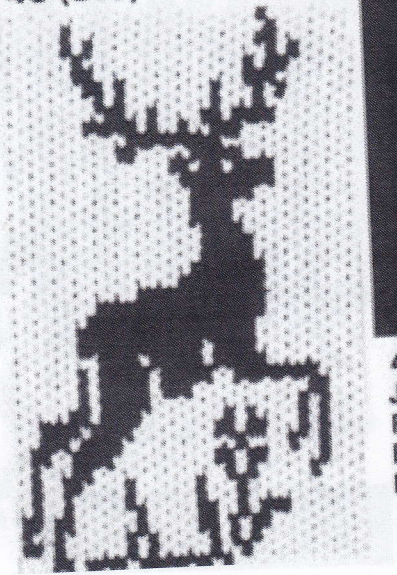
41 (391)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

42 (303)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

PASSAP

Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

43 (310)



44 (305)
Jacquardmuster, 3 Farben
Point jacquard, 3 couleurs
Fairisle pattern, 3 colours
Diseño jacquard, 3 colores

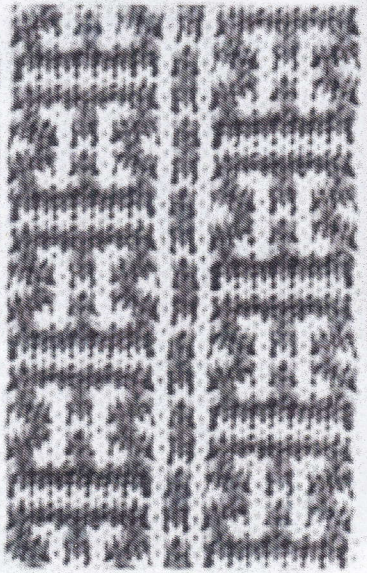
45 (392)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

46 (109)
Jacquardmuster, 5 Farben
Point jacquard, 5 couleurs
Fairisle pattern, 5 colours
Diseño jacquard, 5 colores

PASSAP

Henkelmuster, 2 Farben
Dessin à jetés (brides), 2 couleurs
Loop pattern, 2 colours
Diseño con lazadas, 2 colores

47 (70)



48 (386)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

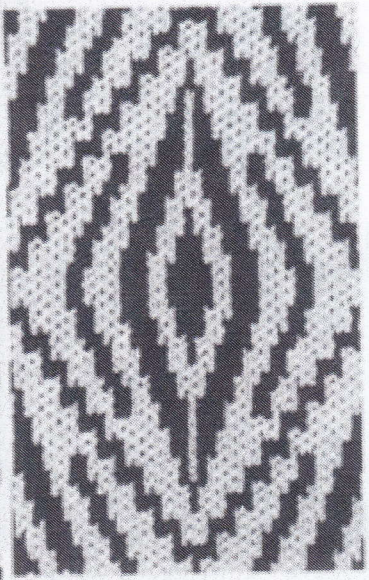
49 (2a)
Jacquardmuster, 3 Farben
Point jacquard, 3 couleurs
Fairisle pattern, 3 colours
Diseño jacquard, 3 colores

50 (393)
Henkelmuster, 2 Farben
Dessin à jetés (brides), 2 couleurs
Loop pattern, 2 colours
Diseño con lazadas, 2 colores

PASSAP

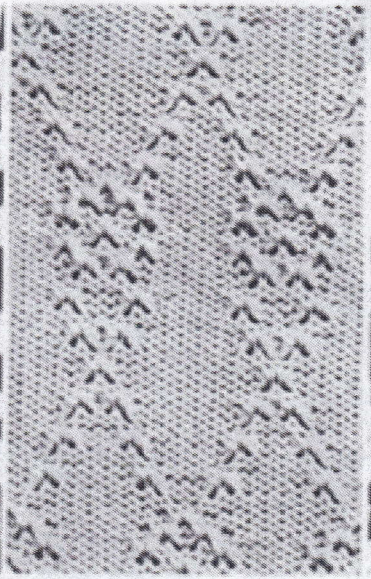
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

51 (10)



52 (115)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

53 (328)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores



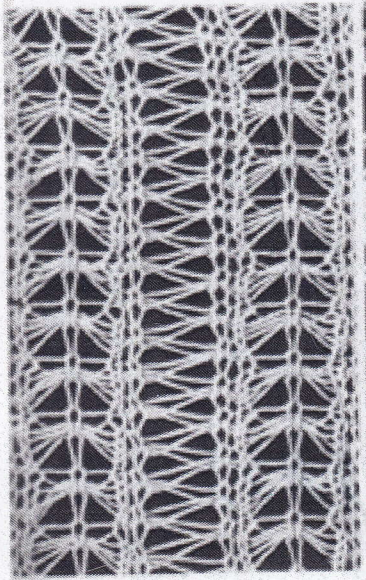
54 (362)
Henkelmuster einfarbig
Dessin à jetés (brides) unicolore
Loop pattern of one colour
Diseño con lazadas, unicolor

PASSAP

Henkelmuster, 2 Farben
Dessin à jetés (brides), 2 couleurs
Loop pattern, 2 colours
Diseño con lazadas, 2 colores

55 (47)

56 (114)
Jacquardmuster, 4 Farben
Point jacquard, 4 couleurs
Fairisle pattern, 4 colours
Diseño jacquard, 4 colores



57 (42)

Durchbruchmuster (Henkel)
Dessin ajouré (brides)
Lacy pattern (loops)
Diseño de calados (lazadas)

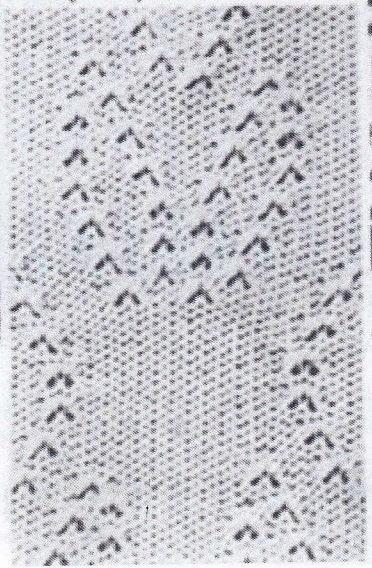
58 (41)

Henkelmuster, 2 Farben
Dessin à jetés (brides), 2 couleurs
Loop pattern, 2 colours
Diseño con lazadas, 2 colores

PASSAP

Henkelmuster einfarbig
Dessin à jetés (brides) unicolore
Loop pattern of one colour
Diseño con lazadas, unicolor

59 (401)



60 (390)

Jacquardmuster, 3 Farben
Point jacquard, 3 couleurs
Fairisle pattern, 3 colours
Diseño jacquard, 3 colores

61 (348)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

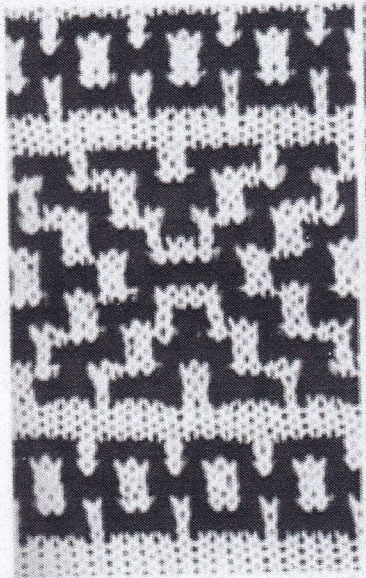
62 (59)
Henkelmuster einfarbig
Dessin à jetés (brides) unicolore
Loop pattern of one colour
Diseño con lazadas, unicolor

PASSAP

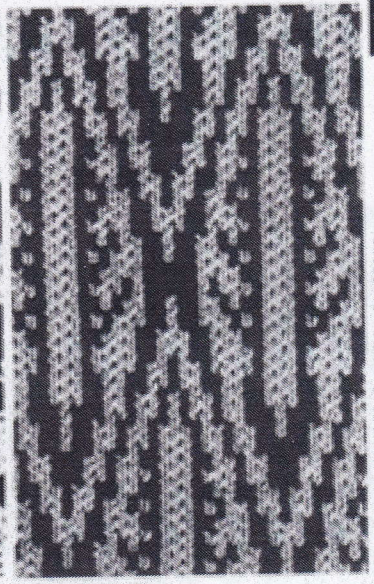
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

63 (365)

64 (360)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores



65 (73)
Henkelmuster, 2 Farben
Dessin à jetés (brides), 2 couleurs
Loop pattern, 2 colours
Diseño con lazadas, 2 colores

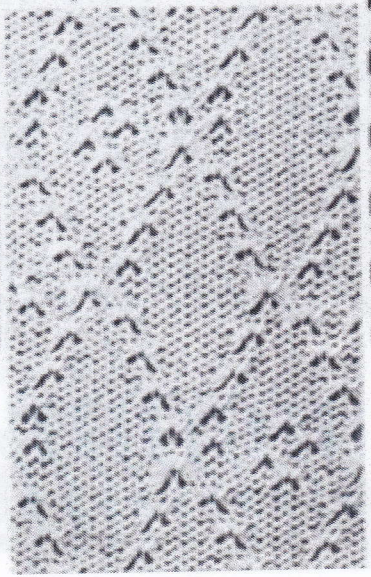


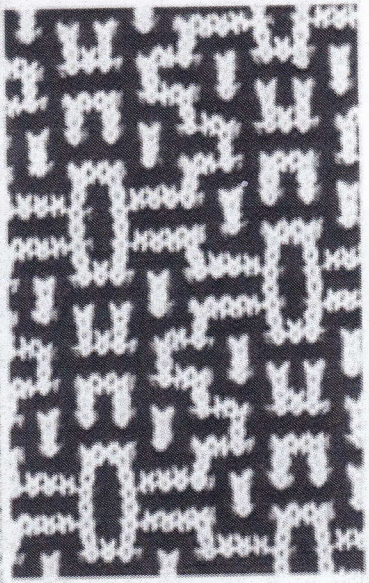
66 (366)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

PASSAP

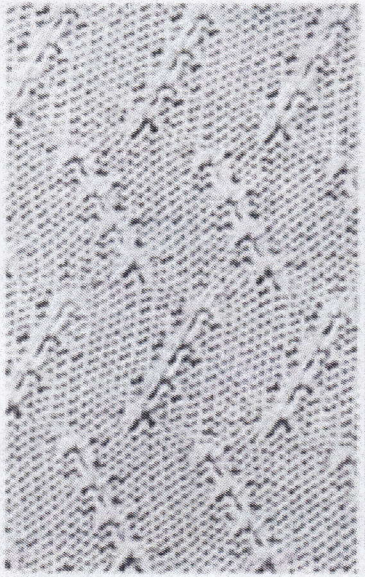
Henkelmuster einfarbig
Dessin à jetés (brides) unicolore
Loop pattern of one colour
Diseño con lazadas, unicolor

67 (400)

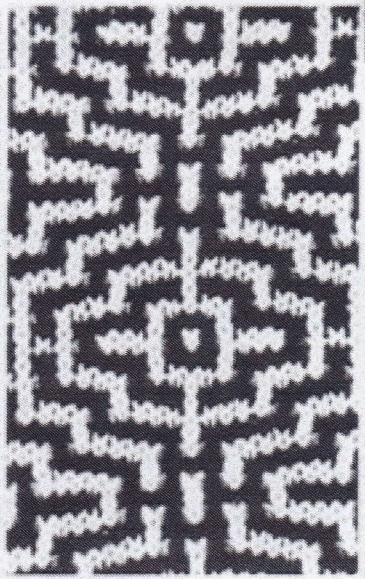




68 (86)
Henkelmuster, 2 Farben
Dessin à jetés (brides), 2 couleurs
Loop pattern, 2 colours
Diseño con lazadas, 2 colores



69 (51)
Henkelmuster einfarbig
Dessin à jetés (brides) unicolore
Loop pattern of one colour
Diseño con lazadas, unicolor

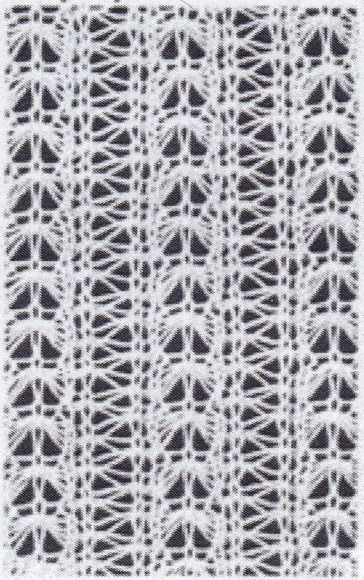


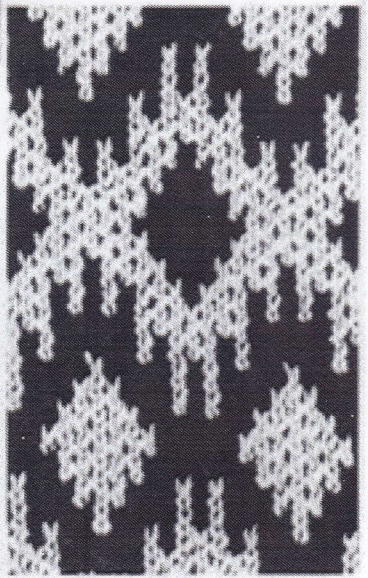
70 (60)
Henkelmuster, 2 Farben
Dessin à jetés (brides), 2 couleurs
Loop pattern, 2 colours
Diseño con lazadas, 2 colores

PASSAP

Durchbruchmuster (Henkel)
Dessin ajouré (brides)
Lacy pattern (loops)
Diseño de calados (lazadas)

71 (35)





72 (347)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

73 (345)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

74 (399)
Henkelmuster einfarbig
Dessin à jetés (brides) unicolore
Loop pattern of one colour
Diseño con lazadas, unicolor

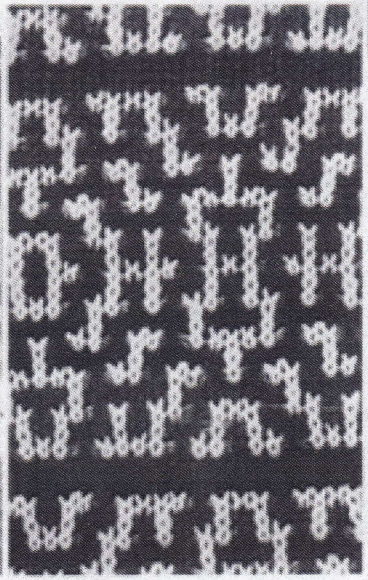
PASSAP Jac

Jacquardmuster, 3 Farben
Point jacquard, 3 couleurs
Fairisle pattern, 3 colours
Diseño jacquard, 3 colores

75 (338)

76 (341)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores

77 (389)
Jacquardmuster, 4 Farben
Point jacquard, 4 couleurs
Fairisle pattern, 4 colours
Diseño jacquard, 4 colores

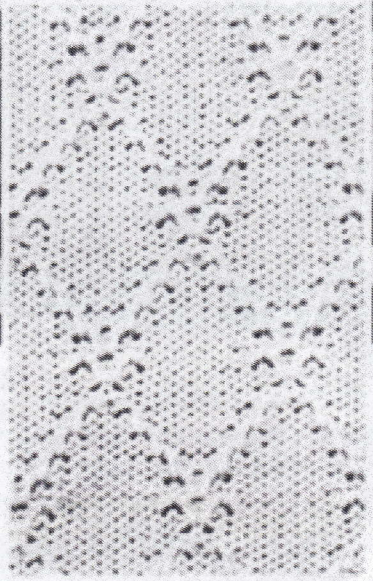


78 (95)
Henkelmuster, 3 Farben
Dessin à jetés (brides), 3 couleurs
Loop pattern, 3 colours
Diseño con lazadas, 3 colores

PASSAP

Henkelmuster einfarbig
Dessin à jetés (brides) unicolore
Loop pattern of one colour
Diseño con lazadas, unicolor

79 (325)



80 (381)
Jacquardmuster, 2 Farben
Point jacquard, 2 couleurs
Fairisle pattern, 2 colours
Diseño jacquard, 2 colores