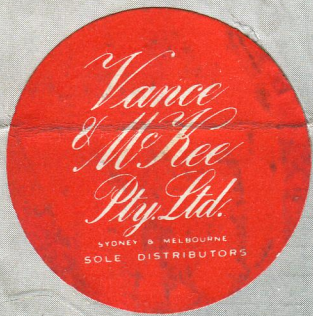


DUBIED TYPE MR

The best hand machine for knitting
all the current stitches



EDOUARD DUBIED & Cie S.A.
NEUCHÂTEL / SWITZERLAND

MR Machine with cam

Complementary to the illustrated

1 rib.

Instructions for using the combs and

preceding and following the jacquard

tension appropriate to the gauge of

The jacquard designs are obtained by selecting needles of the rear needle bed. The design appears at the rear.

For a row of jacquard stitches in two colours, there are 4 knitting rows: 2 rows with the first colour (ground), 2 rows with the second colour (design).

Most of our effects are in more than two colours and necessitate the use of a **touch striper**.

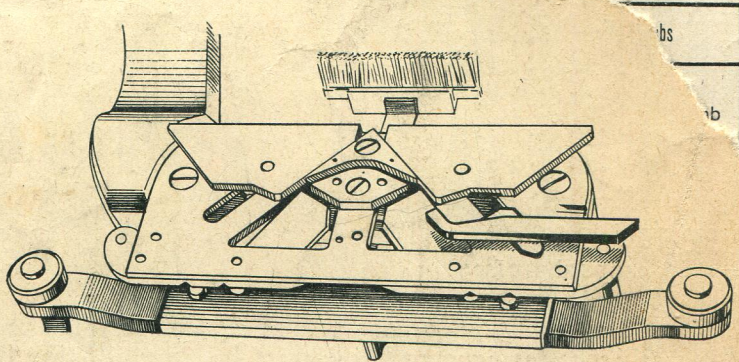


Fig. 1. The jacquard cam is not yet in position.

After knitting the set up eventually the rib-border and the rib with the number of rows required in 1 & 1 rib, stop the carriage at **the right**.

Push inwards levers 2 and 3. Set thumb-screw No. 1 for the jacquard.

Raise the thumb-screw No. 2 as high as possible (higher than zero) and screw up lightly.

At the right, under the carriage (rear cam plate), put the jacquard cam in place (see fig. 1 and 2) by placing its guide in the gap of lowering cam No. 2 and its small lug in the corresponding slot of the cam plate.

Lower the thumb-screw No. 2 and screw up to fix the jacquard cam.

First colour (ground). Knit 1 row from right to left.

Set the thumb-screws 3 and 4 for jacquard fabric.

Choose one of the samples of the album and find in the present brochure the instruction having the same number.

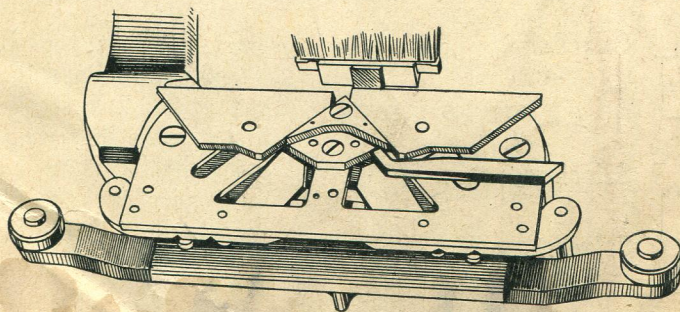


Fig. 2. The jacquard cam is in position.

The chart represents the contrary of the knitted motif, i.e. the top of the chart corresponds to the bottom of the motif.

The setting of thumb-screws and counts indicated in our instructions are average. As for all other types of fabric, the tension must be modified if the wool used is coarser or finer.

DUBIED

DESCRIPTION OF THE MR MACHINE

This machine is constructed in the following widths and gauges:*

Widths, in inches	27 1/2, 31 1/2, 35 1/2, 39 1/4, 47 1/4 *
Gauges (needles per inch)	3, 3 1/2, 4, 4 1/2, 5, 6, 7, 8, 10, 12, 14, 16

* The machines 47 1/4" wide are only made in gauges 8 to 14 needles per inch and are operated by two handles fixed to the carriage.

Machine **with 2 needle-beds** fitted with needles and security springs. Lowering of the front needle-bed. Racking of the front needle-bed over 1 to 6 needles in gauges 7 to 16 and over 1 to 4 needles in gauges 3 to 6.

Driving by handle for machines 27 1/2", by balance lever for 31 1/4" to 39 1/4" and by handles fixed to the carriage for machines 47 1/4".

Carriage, short type with small single bow, running on ball bearings in gauges 4 1/2 to 16.

Cam-boxes single system for rib, plain and tubular fabrics.

Automatic hinged raising cams for tubular knitting. Auxiliary lowering cams on the front for gauges 6 to 16, no auxiliary cams for gauges 3 to 5.
Cam and needle selecting combs for gauges 7 to 14.

Two yarn carriers, one on a single front bar and the other on a single rear bar.

Change of carriers by means of a handle on the bow of the carriage.

Totalising **Counter** of 4 figures with return to zero, by knurled knob.

Bobbin stand with tension stand and two yarn springs.

Accessories.

Stand. A stand is included for machines 31 1/2" and over. It is only delivered to order for machines 27 1/2" wide.

The above description characterises the standard constructions as supplied unless instructions to the contrary are given.

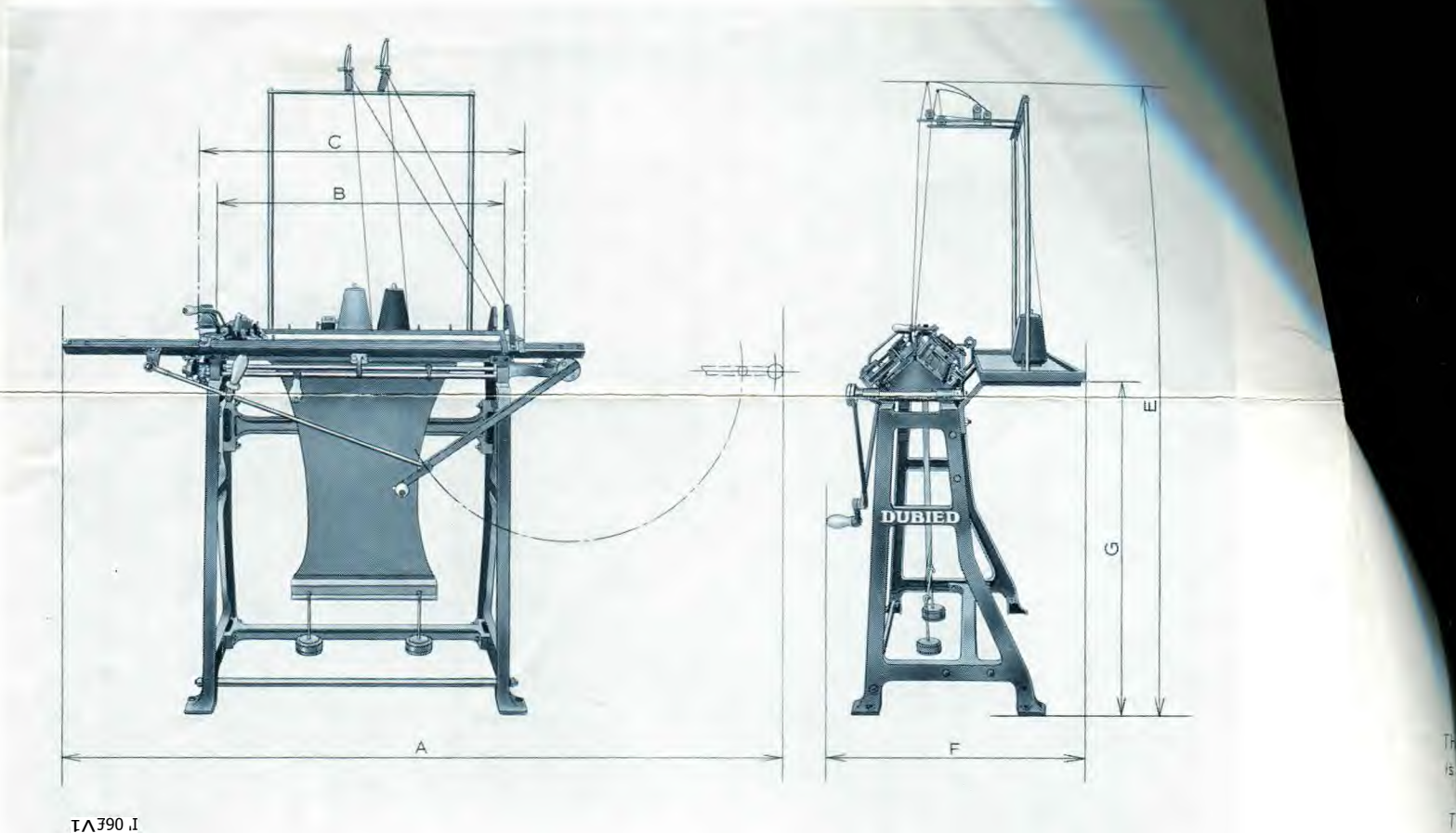
MR with handle drive

Needle field	in inches	27 1/2"	31 1/2"
Width of frame (B)	In inches	32"	35 3/4"
Course of the carriage (C)	in inches	35 3/4"	39 1/2"
Total height (E)	in inches	72 1/2"	72 1/2"
Width (F)	In inches	29"	29"
Height of the bobbin stand (G)	In inches	37"	37"
	length	65 1/2"	69 1/4"
Dimensions of the packing case	width	18"	18"
	height	16"	16"
Approximate weight of the machine in pounds	nett	152	171
	gross	204	220
Weight of the stand in pounds	nett	77	90
	gross	83	97

MR with balance lever (31 1/2", 35 1/2", 39 1/4") or handles (47 Vs")

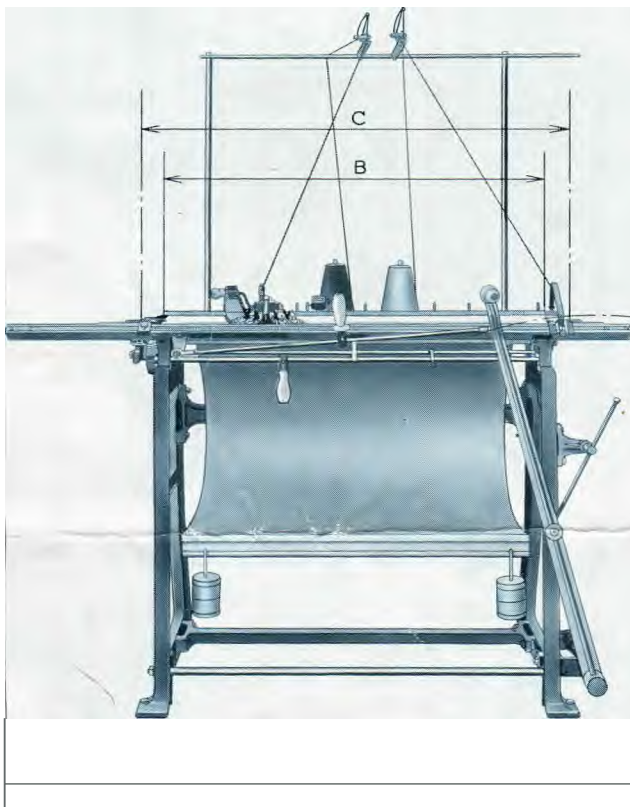
Needle field	in inches	31 1/2"	35 1/2"	39 1/4"	47 1/4"
Width of frame (B)	in inches	35 3/4"	39 1/2"	43 1/2"	51 1/3"
Course of the carriage (C)	in inches	39 1/2"	43 1/2"	47 1/2"	55 1/2"
Total height (E)	in inches	72 1/2"	72 1/2"	72 1/2"	72 1/2"
Width (F)	in Inches	31 1/4"	31 1/4"	31 1/4"	26"
Height of the bobbin stand (G)	in inches	37"	37"	37"	37"
	length	69 1/4"	75 1/2"	79 1/4"	87 1/2"
Dimensions of the packing case	width	18"	18"	18"	18"
	height	16"	16"	16"	16"
Approximate weight of the machine in pounds	nett	185	193	209	220
	gross	240	251	268	280
Weight of the stand in pounds	nett	99	101	116	116
	gross	105	108	123	123

* Special execution



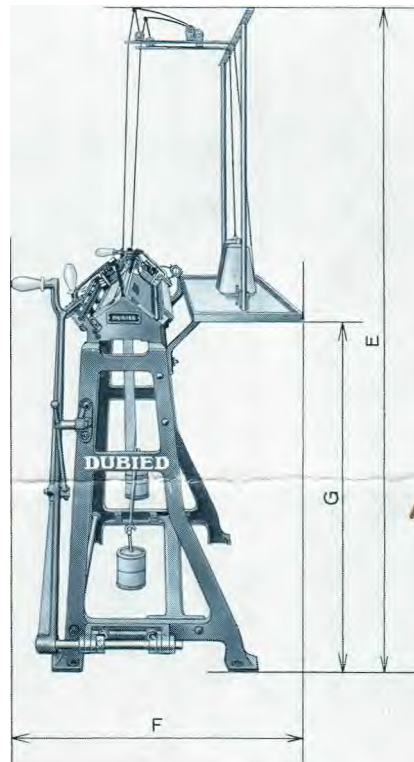
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Μηχανή ραβδόπλοια Dubied



I 68e C

Μηχανή ραβδόπλοια / Sewing Machine



DUBIED

The photograph on the first page of this catalogue is of an MR machine with balance lever drive.

The photograph shown here is of an MR machine 27 1/2" with handle drive.



Extras delivered to order

1. Yarn spring.
2. Plaiting feeder.
The use of a plaiting feeder always necessitates two yarn springs. If additional yarn springs are required they must be specially ordered.
3. Hand touch striper for 6 colours with 4 additional yarn springs.
4. Automatic touch striper for 6 colours with 4 additional yarn springs.
5. Parts for producing inlaid fabric.
6. "V° neck yarn carrier.
8. Stand for machine 27 1/5".

Special constructions

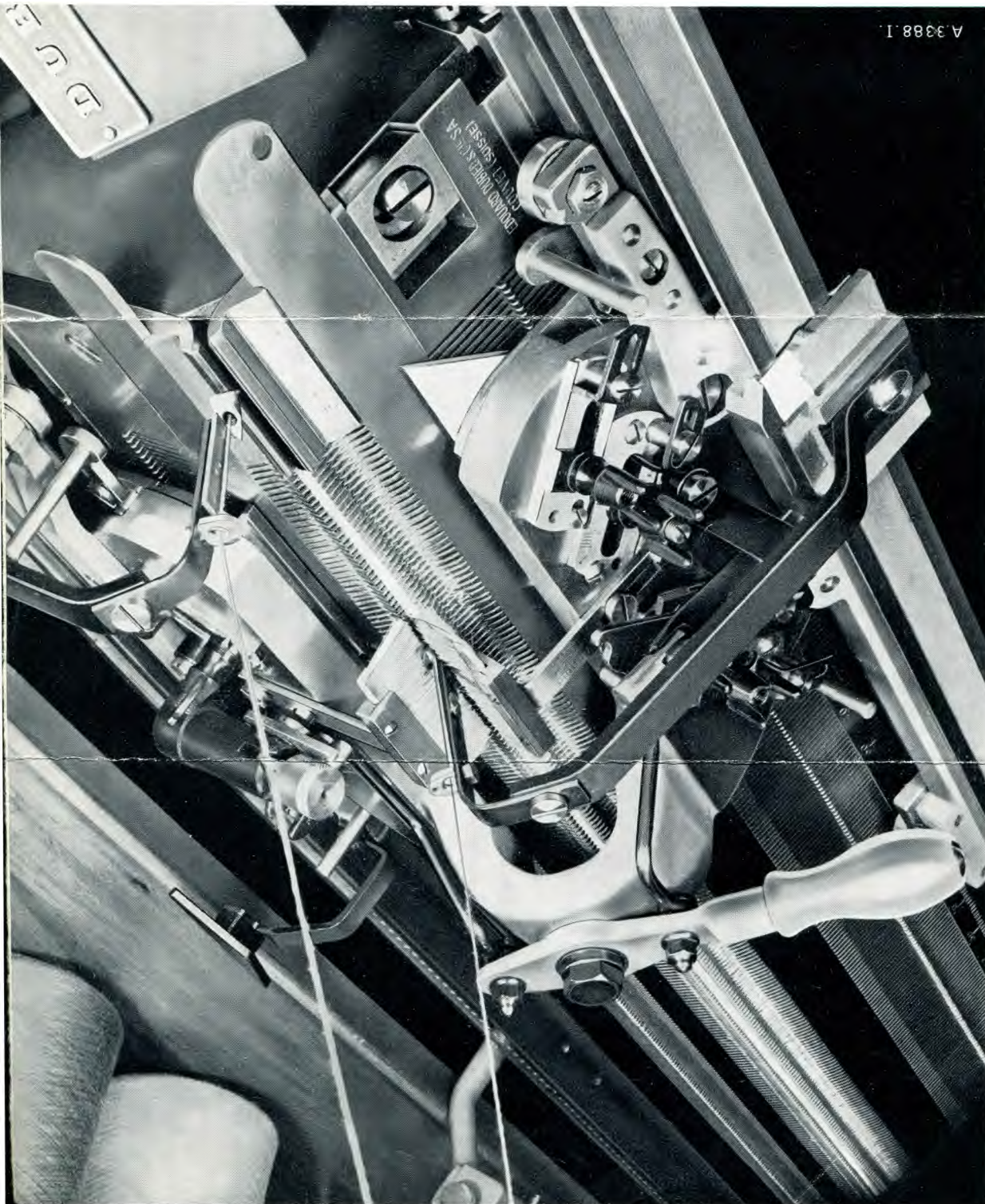
51. Front cam - boxes without auxiliary cams for gauges 6 to 16.
52. Front cam-boxes with auxiliary cams for gauges 4 1/2 and 5.
53. Device for the blind, without auxiliary cams for gauges 7 and 8.
54. Fixing brackets and driving of the carriage by handle for machines 31 1/2" wide, instead of stand and balance lever.
55. Power drive for operating the machine by motor.
59. Reduction gear for motor drive.
60. Electric motor and starter for individual drive. Power needed 1/2 h. p
to be specified
a) the current (D. C. single or 3 phase),
b) the voltage,
c) the cycles.
61. Drive by two handles for machines 27 1/2" to 39 1/2" instead of handle drive or balance lever drive.
64. Machines 7 to 14 gauge without cam or needle selecting combs.

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DUBIED



View of the Dubied works in Couvet

DU

MR Machine with cam

Complementary to the illustrated

Instructions for using the combs and

The jacquard designs are obtained by selecting needles of the rear needle bed. The design appears at the rear.

For a row of jacquard stitches in two colours, there are 4 knitting rows: 2 rows with the first colour (ground), 2 rows with the second colour (design).

Most of our effects are in more than two colours and necessitate the use of a **touch striper**.

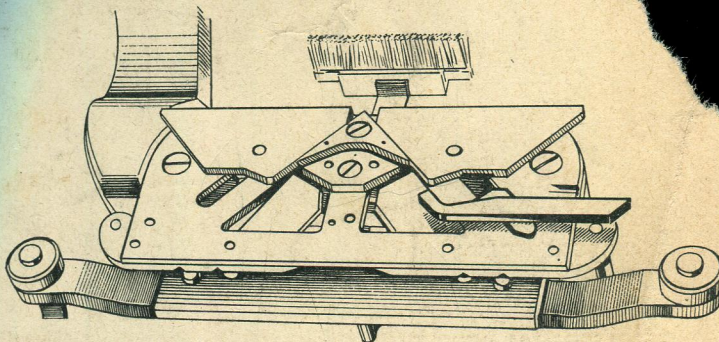


Fig. 1. The jacquard cam is not yet in position.

After knitting the set up eventually the rib-border and the rib with the number of rows required in 1 & 1 rib, stop the carriage at **the right**.

Push inwards levers 2 and 3. Set thumb-screw No. 1 for the jacquard. Raise the thumb-screw No. 2 as high as possible (higher than zero) and screw up lightly.

At the right, under the carriage (rear cam plate), put the jacquard cam in place (see fig. 1 and 2) by placing its guide in the gap of lowering cam No. 2 and its small lug in the corresponding slot of the cam plate.

Lower the thumb-screw No. 2 and screw up to fix the jacquard cam.

First colour (ground). Knit 1 row from right to left.

Set the thumb-screws 3 and 4 for jacquard fabric.

Choose one of the samples of the album and find in the present brochure the instruction having the same number.

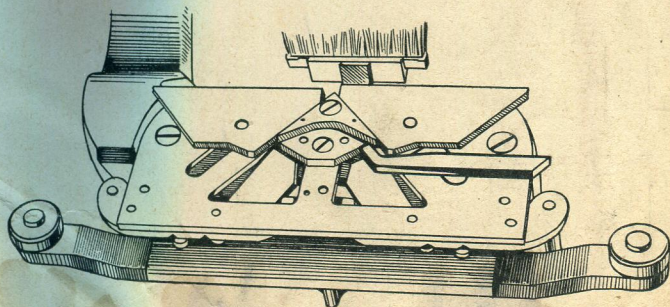


Fig. 2. The jacquard cam is in position.

The chart represents the contrary of the knitted motif, i.e. the top of the chart corresponds to the bottom of the motif.

The setting of thumb-screws and counts indicated in our instructions are average. As for all other types of fabric, the tension must be modified if the wool used is coarser or finer.

EDOUARD DUBIED & Cie S.A., NEUCHATEL (Switzerland)

... colour (design).
 ... row from right to left.
 Select the needles as indicated above with the selecting comb number stated.
 Second colour. Knit one row from left to right.
 First colour. Knit one row from right to left.
 Repeat from *.

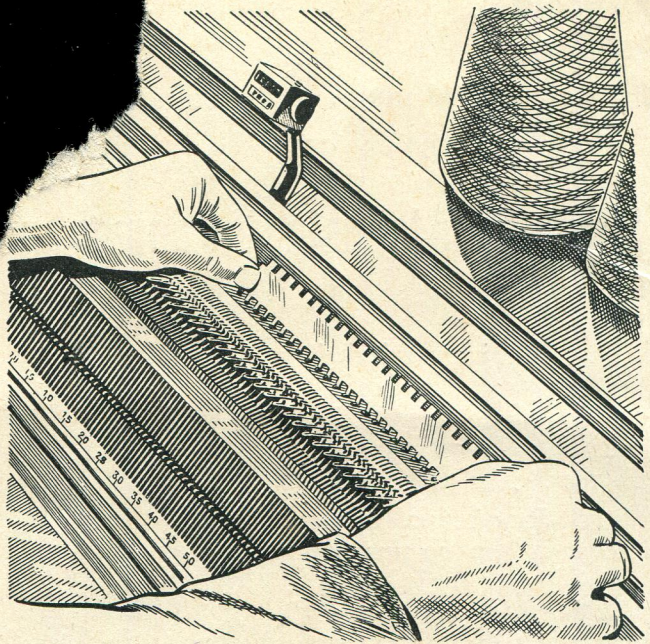


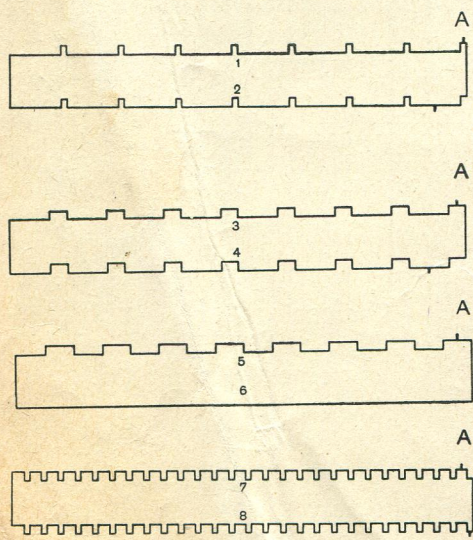
Fig. 3. How to handle the needle selecting comb.

See below the 4 needle selecting combs with the representative selection. As all the stitches of the jacquard row must be formed either by the ground or by the design, each selection has its complementary:

If the ground is knitted with select. comb No. 1, the design is knitted with select. comb No. 2

»	»	»	»	»	»	2	»	»	»	»	»	»	1
»	»	»	»	»	»	3	»	»	»	»	»	»	4
»	»	»	»	»	»	4	»	»	»	»	»	»	3
»	»	»	»	»	»	5	»	»	»	»	»	»	5
»	»	»	»	»	»	7	»	»	»	»	»	»	8
»	»	»	»	»	»	8	»	»	»	»	»	»	7

(5 needles sideways)



Selection $\frac{1}{9}$ in action
 $\frac{9}{1}$ out of action

Selection $\frac{9}{1}$ in action
 $\frac{1}{9}$ out of action

Selection $\frac{3}{7}$ in action
 $\frac{7}{3}$ out of action

Selection $\frac{7}{3}$ in action
 $\frac{3}{7}$ out of action

Selection $\frac{5}{5}$ in action
 $\frac{5}{5}$ out of action

All the needles in work

Selection $\frac{2}{1}$ in action
 $\frac{1}{2}$ out of action

Selection $\frac{1}{2}$ in action
 $\frac{2}{1}$ out of action

The selecting comb No. 6 pushes all the needles into action for the rows of single colour jacquard. The second colour does not require selection, being knitted on the front only.

The selecting comb No. 8 can be used for setting the 2 & 2 rib. In this case it is used to push the butts of the needles downwards to put them out of action.

The jacquard design terminated, pass to 1 & 1 rib in the following manner:

Stop the carriage at the right, raise cam No. 2 above zero and remove the jacquard cam. Set the cams for 1 & 1 rib, draw outwards the levers 2 and 3.

REFERENCES FOR SAMPLES OF CATALOGUE No. 3153

Sample No. 1

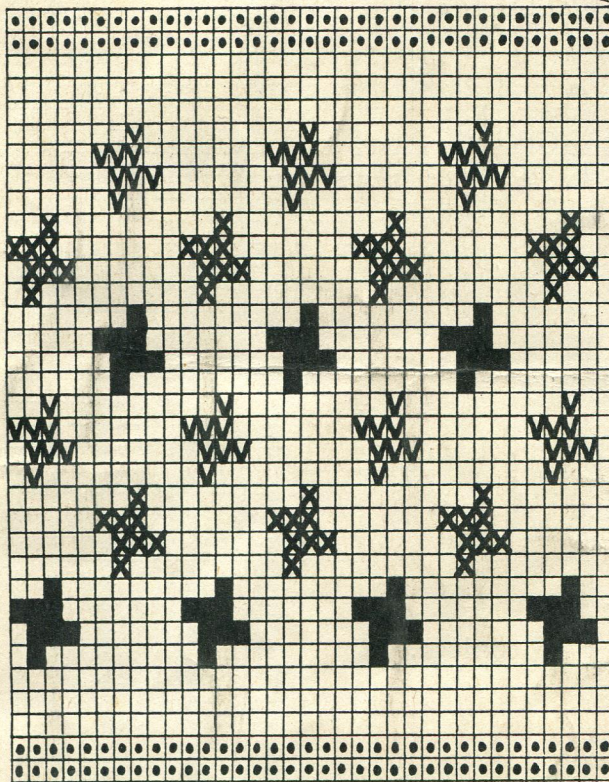
Dog's tooth design bordered by stripes in 1 & 1 rib.

On our design, only the two stripes immediately preceding and following the jacquard design are shown.

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 2	5	-	-	-
3 - 4	5	-	-	-
5 - 8	1	6	2	-
9 - 12	1	6	2	-
13 - 16	1	6	2	-
17 - 20	1	2	2	1
21 - 24	1	4	2	3
25 - 28	1	4	2	3
29 - 32	1	2	2	1
33 - 36	1	2	3	1
37 - 40	1	4	3	3
41 - 44	1	4	3	3
45 - 48	1	2	3	1
49 - 52	1	2	4	1
53 - 56	1	4	4	3
57 - 60	1	4	4	3
61 - 64	1	2	4	1
65 - 68	1	2	2	1
69 - 72	1	4	2	3
73 - 76	1	4	2	3
77 - 80	1	2	2	1
81 - 84	1	2	3	1
85 - 88	1	4	3	3
89 - 92	1	4	3	3
93 - 96	1	2	3	1
97 - 100	1	2	4	1
101 - 104	1	4	4	3
105 - 108	1	4	4	3
109 - 112	1	2	4	1
113 - 116	1	6	4	-
117 - 120	1	6	4	-
121 - 124	1	6	4	-
125 - 126	5	-	-	-
127 - 128	5	-	-	-

First needle right rear



* 1 row of 2 colour jacquard = 4 rows of the carriage.
The knitting commences from right to left.

1 square in width = 1 stitch.

1 square in height = 4 rows in jacquard or 2 rows in 1 & 1 rib.

The ground (white squares), even without design, is knitted in jacquard.
Keep always to the same rotation of colours.

The careful study of the method of using the selecting combs, and to the two preceding pages, will enable you to follow the 30 references given in this brochure without difficulty.

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Sample No. 2

The border is preceded by 2 & 2 rib, followed by 5 rounds of this same rib. Regulate stitch tensions for 1 & 1 rib.

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

	* Rows of stitches	Order of use of colours and combs			
		Colour No.	Comb No.	Colour No.	Comb No.
	1 - 4	1	2	2	1
	5 - 8	1	2	2	1
	9 - 12	1	2	2	1
	13 - 16	1	2	2	1
	17 - 20	1	2	2	1
	21 - 24	1	6	2	-
	25 - 28	1	1	2	2
	29 - 32	1	4	2	3
	33 - 36	1	3	2	4
	37 - 40	1	2	2	1
	41 - 44	1	5	2	5
	45 - 48	1	4	2	3
	49 - 52	1	2	2	1
	53 - 56	1	4	2	3
	57 - 60	1	2	2	1
	61 - 64	1	2	2	1
	65 - 68	1	2	2	1
	69 - 72	1	2	2	1
	73 - 76	1	4	2	3
	77 - 80	1	2	2	1
	81 - 84	1	4	2	3
	85 - 88	1	5	2	5
	89 - 92	1	2	2	1
	93 - 96	1	3	2	4
	97 - 100	1	4	2	3
	101 - 104	1	1	2	2
	105 - 108	1	6	2	-
	109 - 112	1	2	2	1
113 - 116	1	2	2	1	
117 - 120	1	2	2	1	
121 - 124	1	2	2	1	
125 - 128	1	2	2	1	

* 1 row of 2 colour jacquard = 4 rows of the carriage.

The knitting commences from right to left.

To pass from the rib border to jacquard:

Commence by putting into action again the needles which have been out of work during the rib. Regulate the stitch tensions for 1 & 1 rib. Knit 1 round of circular and 1 round of 1 & 1 rib. Regulate the stitch tensions for jacquard.

To pass from the jacquard to 2 & 2 rib:








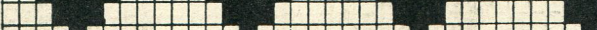
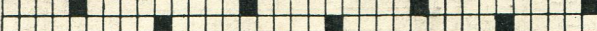

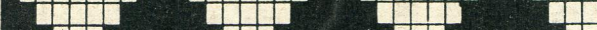

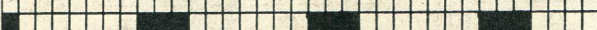





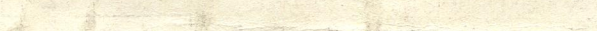

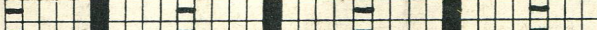
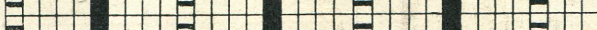
Regulate the stitch tensions for 1 & 1 rib. Knit 2 rows of 1 & 1 rib. With a transfer point arrange the stitches for 2 & 2 rib. Knit x rows.

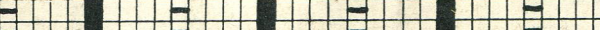
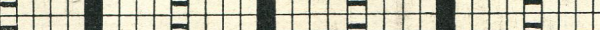
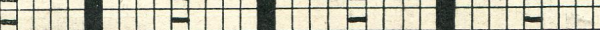
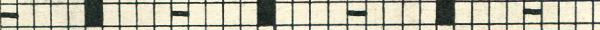
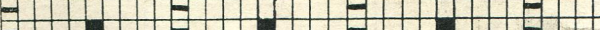
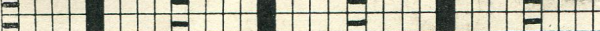
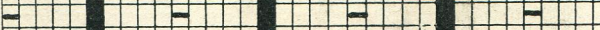

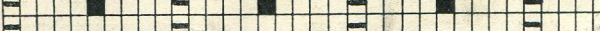
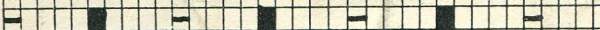
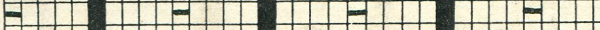
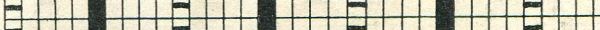
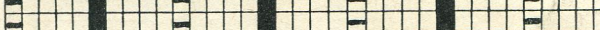
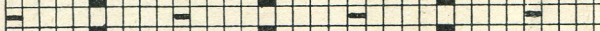
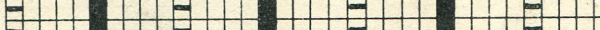
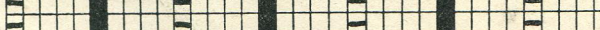
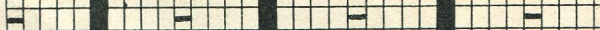
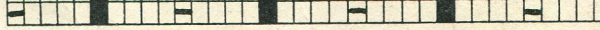
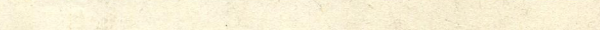

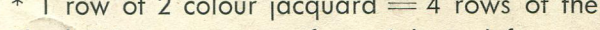
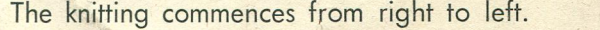

Samples Nos. 3 & 4

Sample No. 3 is in 2 colours only. With the touch striper one can produce the diamonds in one colour and the outside borders in two different colours.

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

First needle right rear

	* Rows of stitches	Order of use of colours and combs			
		Colour No.	Comb No.	Colour No.	Comb No.
	1 - 4	1	4	2	3
	5 - 8	1	3	2	4
	9 - 12	1	4	2	3
	13 - 16	1	4	2	3
	17 - 20	1	3	2	4
	21 - 24	1	4	2	3
	25 - 28	1	6	2	-
	29 - 32	1	3	2	4
	33 - 36	1	5	2	5
	37 - 40	1	4	2	3
	41 - 44	1	2	2	1
	45 - 48	1	2	2	1
	49 - 52	1	4	2	3
	53 - 56	1	5	2	5
	57 - 60	1	3	2	4
	61 - 64	1	6	2	-
	65 - 68	1	4	2	3
	69 - 72	1	3	2	4
	73 - 76	1	4	2	3
	77 - 80	1	4	2	3
	81 - 84	1	3	2	4
	85 - 88	1	4	2	3

	1 - 4	1	2	2	1
	5 - 8	1	2	2	1
	9 - 12	1	2	2	1
	13 - 16	1	2	2	1
	17 - 20	1	2	2	1
	21 - 24	1	6	2	-
	25 - 28	1	2	2	1
	29 - 32	1	2	2	1
	33 - 36	1	2	2	1
	37 - 40	1	2	2	1
	41 - 44	1	2	2	1
	45 - 48	1	6	2	-
	49 - 52	1	2	2	1
	53 - 56	1	2	2	1
	57 - 60	1	2	2	1
	61 - 64	1	2	2	1
	65 - 68	1	2	2	1
	69 - 72	1	6	2	-
	73 - 76	1	2	2	1
	77 - 80	1	2	2	1
	81 - 84	1	2	2	1
	85 - 88	1	2	2	1
	89 - 92	1	2	2	1

* 1 row of 2 colour jacquard = 4 rows of the carriage.

The knitting commences from right to left.

Sample No. 4 is very suitable for a moderate border or even the fronts of waistcoats entirely in jacquard. Vertical stripes can be obtained by putting alternate needles out of action on the rear, every 10 needles.

DUBIED

Samples Nos. 5 & 6

Sample No. 5 appears at the rear of the plan. But in any case our reference reads from top to bottom and the sample leaves the machine from bottom to top.

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

First needle right rear

* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 4	1	1	2	2
5 - 8	1	4	2	3
9 - 12	1	1	2	2
13 - 16	1	6	3	-
17 - 20	1	2	3	1
21 - 24	1	4	3	3
25 - 28	1	5	3	5
29 - 32	1	2	3	1
33 - 36	1	2	3	1
37 - 40	1	2	3	1
41 - 44	1	2	3	1
45 - 48	1	4	3	3
49 - 52	1	5	3	5
53 - 56	1	2	3	1
57 - 60	1	2	3	1
61 - 64	1	2	3	1
65 - 68	1	6	3	-
69 - 72	1	1	2	2
73 - 76	1	4	2	3
77 - 80	1	1	2	2

1 - 4	1	2	2	1
5 - 8	1	1	2	2
9 - 12	1	2	2	1
13 - 16	1	2	3	1
17 - 20	1	2	3	1
21 - 24	1	4	3	3
25 - 28	1	5	3	5
29 - 32	1	3	3	4
33 - 36	1	1	3	2
37 - 40	1	1	3	2
41 - 44	1	1	3	2
45 - 48	1	1	3	2
49 - 52	1	3	3	4
53 - 56	1	5	3	5
57 - 60	1	4	3	3
61 - 64	1	2	3	1
65 - 68	1	2	3	1
69 - 72	1	2	2	1
73 - 76	1	1	2	2
77 - 80	1	2	2	1

* 1 row of 2 colour jacquard = 4 rows of the carriage.

If you wish to use an additional colour for this border, choose a fourth for the dots in dark green.

The careful study of the method of using the selecting combs, and to the two preceding pages, will enable you to follow the 30 references given in this brochure without difficulty.

Sample No. 7

This sample is special inasmuch as the dots of the exterior borders are selected without the selecting combs. In our reference, m = hand selection.

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 4	1	-	2	6
5 - 8	1	6	2	-
9 - 12	1	m	2	m
13 - 16	1	m	2	m
17 - 20	1	m	2	m
21 - 24	1	m	2	m
25 - 28	1	6	2	-
29 - 32	1	1	2	2
33 - 36	1	2	2	1
37 - 40	1	2	2	1
41 - 44	1	4	2	3
45 - 48	1	5	2	5
49 - 52	1	1	2	2
53 - 56	1	2	2	1
57 - 60	1	1	2	2
61 - 64	1	1	2	2
65 - 68	1	3	2	4
69 - 72	1	5	2	5
73 - 76	1	5	2	5
77 - 80	1	2	2	1
81 - 84	1	4	2	3
85 - 88	1	5	2	5
89 - 92	1	1	2	2
93 - 96	1	2	2	1
97 - 100	1	6	2	-
101 - 104	1	2	2	1
105 - 108	1	1	2	2
109 - 112	1	5	2	5
113 - 116	1	4	2	3
117 - 120	1	2	2	1
121 - 124	1	5	2	5
125 - 128	1	5	2	5
129 - 132	1	3	2	4
133 - 136	1	1	2	2
137 - 140	1	1	2	2
141 - 144	1	2	2	1
145 - 148	1	1	2	2
149 - 152	1	5	2	5
153 - 156	1	4	2	3
157 - 160	1	2	2	1
161 - 164	1	2	2	1
165 - 168	1	1	2	2
169 - 172	1	6	2	-
173 - 176	1	m	2	m
177 - 180	1	m	2	m
181 - 184	1	m	2	m
185 - 188	1	m	2	m
189 - 192	1	6	2	-
193 - 196	1	-	2	6

* 1 row of 2 colour jacquard = 4 rows of the carriage.

Hand selection.

Instead of selection by combs, push the butts of the needles upwards by means of the handle of the narrowing handle. First the needles representing the white squares and secondly the remaining needles for the black squares.

DUBIED

Sample No. 8

An attractive design for children's wear or sport's wear. Contrast colours such as blue and white on a red ground for example will give a splendid effect.

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

First needle right rear

* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 4	1	3	2	4
5 - 8	1	4	2	3
9 - 12	1	3	2	4
13 - 16	1	3	2	4
17 - 20	1	4	2	3
21 - 24	1	3	2	4
25 - 28	1	6	3	-
29 - 32	1	1	3	2
33 - 36	1	3	3	4
37 - 40	1	5	3	5
41 - 44	1	4	3	3
45 - 48	1	2	3	1
49 - 52	1	3	2	4
53 - 56	1	4	2	3
57 - 60	1	3	2	4
61 - 64	1	4	2	3
65 - 68	1	3	2	4
69 - 72	1	2	3	1
73 - 76	1	4	3	3
77 - 80	1	5	3	5
81 - 84	1	3	3	4
85 - 88	1	1	3	2
89 - 92	1	6	3	-
93 - 96	1	3	2	4
97 - 100	1	4	2	3
101 - 104	1	3	2	4
105 - 108	1	3	2	4
109 - 112	1	4	2	3
113 - 116	1	3	2	4

* 1 row of 2 colour jacquard = 4 rows of the carriage.

The knitting commences from right to left.

If there are rows of stitches in a self colour in the jacquard motif, maintain the same sequence of the colours, otherwise the finished fabric will show unsightly horizontal lines.

Sample No. 9

An attractive border for feminine garments. We visualise this knitted in pastel shades placed vertically from the shoulder in a kimono.

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 4	1	2	2	1
5 - 8	1	4	2	3
9 - 12	1	5	2	5
13 - 16	1	5	2	5
17 - 20	1	6	3	-
21 - 24	1	5	3	5
25 - 28	1	4	3	3
29 - 32	1	2	3	1
33 - 36	1	2	2	1
37 - 40	1	2	2	1
41 - 44	1	2	2	1
45 - 48	1	2	2	1
49 - 52	1	2	2	1
53 - 56	1	2	2	1
57 - 60	1	2	2	1
61 - 64	1	2	2	1
65 - 68	1	2	2	1
69 - 72	1	2	3	1
73 - 76	1	4	3	3
77 - 80	1	5	3	5
81 - 84	1	5	3	5
85 - 88	1	4	3	3
89 - 92	1	2	3	1
93 - 96	1	2	2	1
97 - 100	1	2	2	1
101 - 104	1	2	2	1
105 - 108	1	2	2	1
109 - 112	1	2	2	1
113 - 116	1	2	2	1
117 - 120	1	2	2	1
121 - 124	1	2	2	1
125 - 128	1	2	2	1
129 - 132	1	2	3	1
133 - 136	1	4	3	3
137 - 140	1	5	3	5
141 - 144	1	6	3	-
145 - 148	1	5	2	5
149 - 152	1	5	2	5
153 - 156	1	4	2	3
157 - 160	1	2	2	1

* 1 row of 2 colour jacquard = 4 rows of the carriage.
The knitting commences from right to left.

For jacquard more than any other fabric, use good quality wool both for the ground and colours, if not the result will not be good and the design and ground bare and streaky.

DUBIED

Sample No. 10

The diamond at the centre of this sample forms a pleasant contrast with the light grill surround.

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 4	1	8	2	7
5 - 8	1	7	2	8
9 - 12	1	7	2	8
13 - 16	1	8	2	7
17 - 20	1	7	2	8
21 - 24	1	7	2	8
25 - 28	1	7	2	8
29 - 32	1	8	2	7
33 - 36	1	6	3	-
37 - 40	1	4	3	3
41 - 44	1	4	3	3
45 - 48	1	4	3	3
49 - 52	1	4	3	3
53 - 56	1	4	3	3
57 - 60	1	4	3	3
61 - 64	1	4	3	3
65 - 68	1	4	3	3
69 - 72	1	4	3	3
73 - 76	1	2	2	1
77 - 80	1	4	3	3
81 - 84	1	4	3	3
85 - 88	1	4	3	3
89 - 92	1	4	3	3
93 - 96	1	4	3	3
97 - 100	1	4	3	3
101 - 104	1	4	3	3
105 - 108	1	4	3	3
109 - 112	1	4	3	3
113 - 116	1	6	3	-
117 - 120	1	8	2	7
121 - 124	1	7	2	8
125 - 128	1	7	2	8
129 - 132	1	7	2	8
133 - 136	1	8	2	7
137 - 140	1	7	2	8
141 - 144	1	7	2	8
145 - 148	1	8	2	7

* 1 row of 2 colour jacquard = 4 rows of the carriage.
The knitting commences from right to left.

You can compose other samples yourself by combining different elements of our models. For example, the design above could form a border for No. 12 instead of the needle transfer which would itself combine well with No. 27 or the small border No. 29.

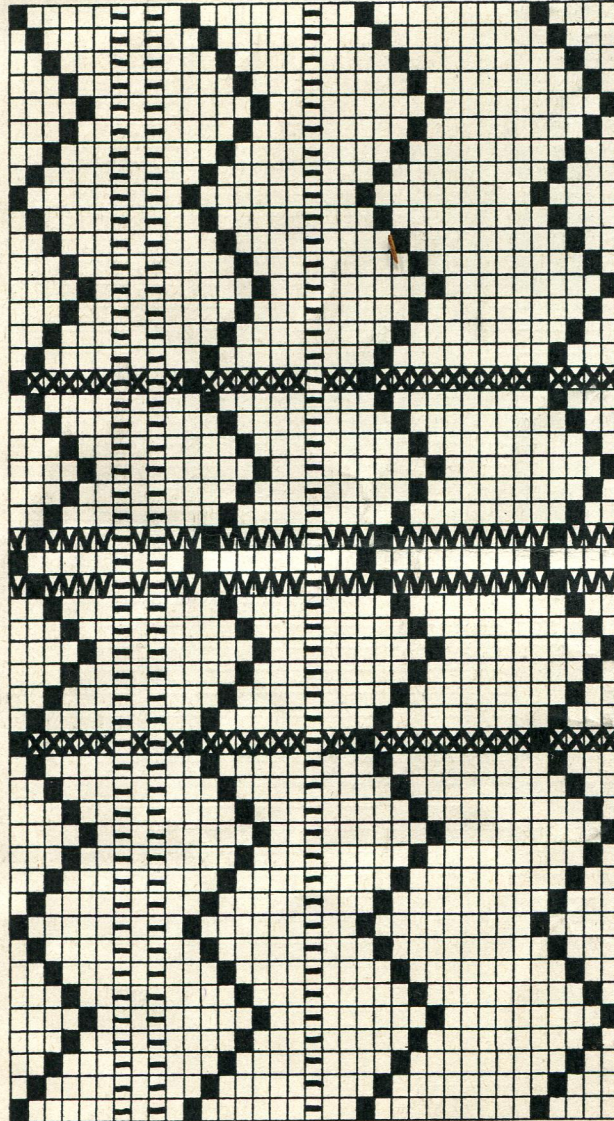
Sample No. 11

A zig-zag interrupted here and there by vertical lines formed by needles out of action at the rear. The ground colour is changed giving horizontal stripes.

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 4	1	2	2	1
5 - 8	1	2	2	1
9 - 12	1	2	2	1
13 - 16	1	2	2	1
17 - 20	1	2	2	1
21 - 24	1	2	2	1
25 - 28	1	2	2	1
29 - 32	1	2	2	1
33 - 36	1	2	2	1
37 - 40	1	2	2	1
41 - 44	1	2	2	1
45 - 48	1	2	2	1
49 - 52	1	2	2	1
53 - 56	1	2	2	1
57 - 60	1	2	2	1
61 - 64	1	2	2	1
65 - 68	3	2	2	1
69 - 72	1	2	2	1
73 - 76	1	2	2	1
77 - 80	1	2	2	1
81 - 84	1	2	2	1
85 - 88	1	2	2	1
89 - 92	1	2	2	1
93 - 96	4	2	2	1
97 - 100	1	2	2	1
101 - 104	4	2	2	1
105 - 108	1	2	2	1
109 - 112	1	2	2	1
113 - 116	1	2	2	1
117 - 120	1	2	2	1
121 - 124	1	2	2	1
125 - 128	1	2	2	1
129 - 132	3	2	2	1
133 - 136	1	2	2	1
137 - 140	1	2	2	1
141 - 144	1	2	2	1
145 - 148	1	2	2	1
149 - 152	1	2	2	1
153 - 156	1	2	2	1
157 - 160	1	2	2	1
161 - 164	1	2	2	1
165 - 168	1	2	2	1
169 - 172	1	2	2	1
173 - 176	1	2	2	1
177 - 180	1	2	2	1
181 - 184	1	2	2	1
185 - 188	1	2	2	1
189 - 192	1	2	2	1
193 - 196	1	2	2	1

First needle right rear



* 1 row of 2 colour jacquard = 4 rows of the carriage.
The knitting commences from right to left.

For this sample, the DUBIED touch striper is indispensable.

DUBIED

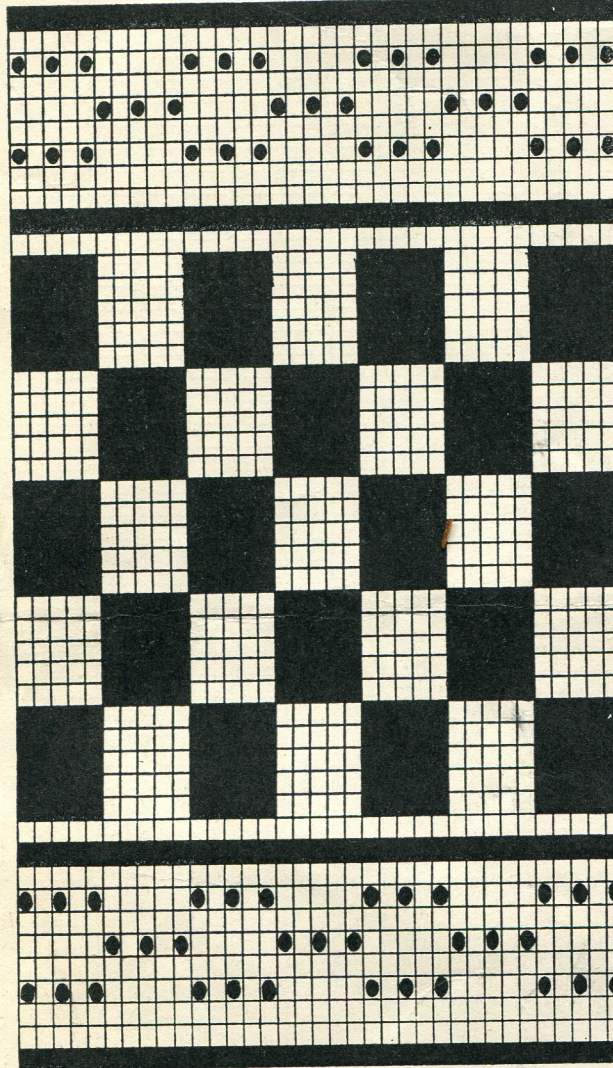
Sample No. 12

This diamond would be a little dry without the border of stitch transfer. To accentuate the transfer, the stitches back and front are transferred at the same time.

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 2	2	-	-	-
3 - 4	1	-	-	-
5 - 6	1	-	-	-
7 - 8	1	-	-	-
9 - 10	1	-	-	-
11 - 12	1	-	-	-
13 - 14	1	-	-	-
15 - 16	1	-	-	-
17 - 18	1	-	-	-
19 - 20	2	-	-	-
21 - 24	1	6	2	-
25 - 28	1	5	2	5
29 - 32	1	5	2	5
33 - 36	1	5	2	5
37 - 40	1	5	2	5
41 - 44	1	5	2	5
45 - 48	1	5	2	5
49 - 52	1	5	2	5
53 - 56	1	5	2	5
57 - 60	1	5	2	5
61 - 64	1	5	2	5
65 - 68	1	5	2	5
69 - 72	1	5	2	5
73 - 76	1	5	2	5
77 - 80	1	5	2	5
81 - 84	1	5	2	5
85 - 88	1	5	2	5
89 - 92	1	5	2	5
93 - 96	1	5	2	5
97 - 100	1	5	2	5
101 - 104	1	5	2	5
105 - 108	1	5	2	5
109 - 112	1	5	2	5
113 - 116	1	5	2	5
117 - 120	1	5	2	5
121 - 124	1	5	2	5
125 - 128	1	6	2	-
129 - 130	2	-	-	-
131 - 132	1	-	-	-
133 - 134	1	-	-	-
135 - 136	1	-	-	-
137 - 138	1	-	-	-
139 - 140	1	-	-	-
141 - 142	1	-	-	-
143 - 144	1	-	-	-
145 - 146	1	-	-	-
147 - 148	2	-	-	-

First needle right rear



* 1 row of 2 colour jacquard = 4 rows of the carriage.
The knitting commences from right to left.

For the transferred borders—rows 1 to 20 and 129 to 148—adjust tension for 1 & 1 rib. The stitches of the needles shown by a black spot are transferred to the neighbouring left or right needle. Do not put the empty needles out of action.

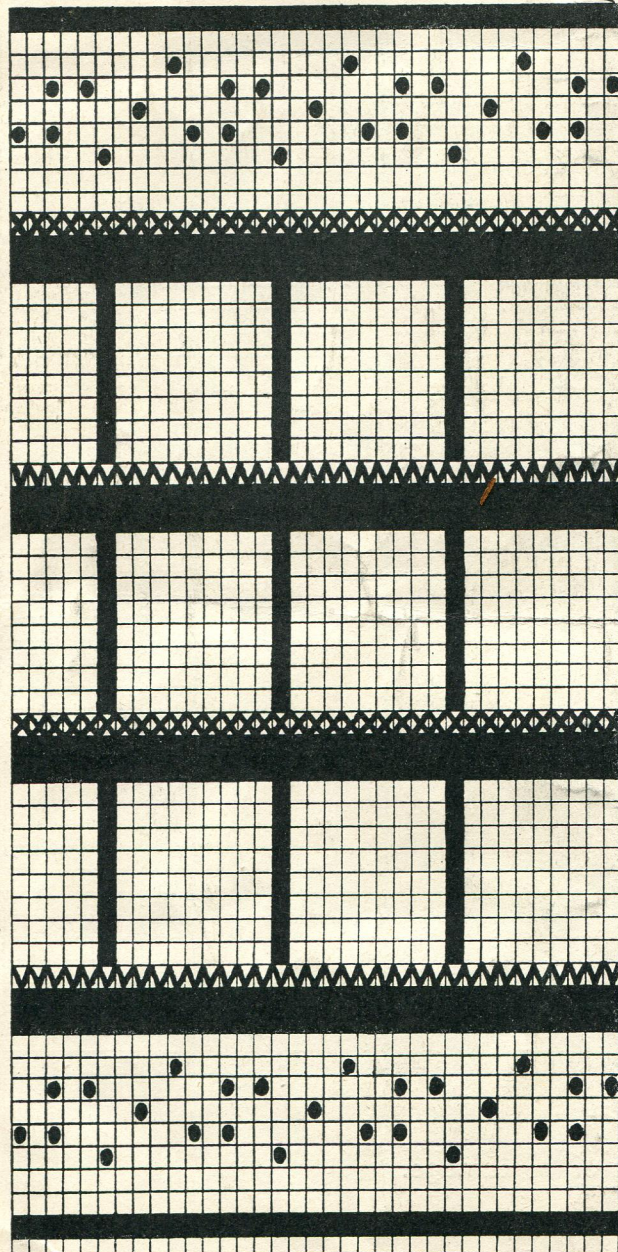
Sample No. 13

As for No. 12, this jacquard sample is bordered by stitch transfer. According to taste, this could be replaced by a stripe or a small jacquard border.

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 2	2	-	-	-
3 - 4	1	-	-	-
5 - 6	1	-	-	-
7 - 8	1	-	-	-
9 - 10	1	-	-	-
11 - 12	1	-	-	-
13 - 14	1	-	-	-
15 - 16	1	-	-	-
17 - 18	1	-	-	-
19 - 22	1	-	3	6
23 - 26	1	-	2	6
27 - 30	1	-	2	6
31 - 34	1	2	2	1
35 - 38	1	2	2	1
39 - 42	1	2	2	1
43 - 46	1	2	2	1
47 - 50	1	2	2	1
51 - 54	1	2	2	1
55 - 58	1	2	2	1
59 - 62	1	2	2	1
63 - 66	1	-	4	6
67 - 70	1	-	2	6
71 - 74	1	-	2	6
75 - 78	1	2	2	1
79 - 82	1	2	2	1
83 - 86	1	2	2	1
87 - 90	1	2	2	1
91 - 94	1	2	2	1
95 - 98	1	2	2	1
99 - 102	1	2	2	1
103 - 106	1	2	2	1
107 - 110	1	-	3	6
111 - 114	1	-	2	6
115 - 118	1	-	2	6
119 - 122	1	2	2	1
123 - 126	1	2	2	1
127 - 130	1	2	2	1
131 - 134	1	2	2	1
135 - 138	1	2	2	1
139 - 142	1	2	2	1
143 - 146	1	2	2	1
147 - 150	1	2	2	1
151 - 154	1	-	4	6
155 - 158	1	-	2	6
159 - 162	1	-	2	6
163 - 164	1	-	-	-
165 - 166	1	-	-	-
167 - 168	1	-	-	-
169 - 170	1	-	-	-
171 - 172	1	-	-	-
173 - 174	1	-	-	-
175 - 176	1	-	-	-
177 - 178	1	-	-	-
179 - 180	2	-	-	-

First needle right rear



* 1 row of 2 colour jacquard = 4 rows of the carriage.
The knitting commences from right to left.

For the rows 1 to 18 and 163 to 180, tension for 1 & 1 rib.
For the rows 19 to 162, tension for jacquard.

DUBIED

Samples Nos. 14 & 15

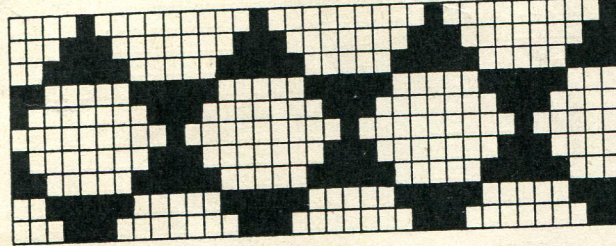
Sample No. 14 has been created specially to form a continuous design. In yellow and brown, as our model, or blue and white or red and blue, it will make attractive pullovers for children.

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

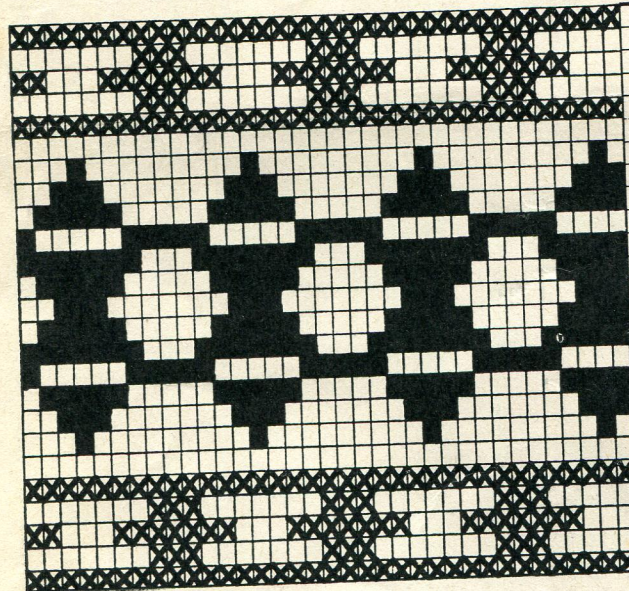
*
Rows of stitches

Order of use of colours and combs

First needle right rear



Rows of stitches	Colour No.	Comb No.	Colour No.	Comb No.
1 - 4	1	2	2	1
5 - 8	1	4	2	3
9 - 12	1	5	2	5
13 - 16	1	5	2	5
17 - 20	1	4	2	3
21 - 24	1	2	2	1
25 - 28	1	4	2	3
29 - 32	1	5	2	5
33 - 36	1	5	2	5
37 - 40	1	4	2	3



1 - 4	1	-	2	6
5 - 8	1	4	2	3
9 - 12	1	3	2	4
13 - 16	1	4	2	3
17 - 20	1	-	2	6
21 - 24	1	6	3	-
25 - 28	1	2	3	1
29 - 32	1	4	3	3
33 - 36	1	5	3	5
37 - 40	1	5	3	5
41 - 44	1	3	3	4
45 - 48	1	5	3	5
49 - 52	1	4	3	3
53 - 56	1	5	3	5
57 - 60	1	3	3	4
61 - 64	1	5	3	5
65 - 68	1	5	3	5
69 - 72	1	4	3	3
73 - 76	1	2	3	1
77 - 80	1	6	3	-
81 - 84	1	-	2	6
85 - 88	1	4	2	3
89 - 92	1	3	2	4
93 - 96	1	4	2	3
97 - 100	1	-	2	6

* 1 row of 2 colour jacquard = 4 rows of the carriage.
The knitting commences from right to left.

The dark colours of sample No. 15 are suitable for a ladies waistcoat or a gents pullover. Try it with a lighter ground and the effect will be quite different.

Never change the knitting order of the design and ground.

Samples Nos. 16 & 17

A special border for children. Our model No. 16 is in two colours only but you can choose a different colour for each line of small crosses.

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 4	1	5	2	5
5 - 8	1	1	2	2
9 - 12	1	5	2	5
13 - 16	1	6	2	-
17 - 20	1	2	2	1
21 - 24	1	4	2	3
25 - 28	1	2	2	1
29 - 32	1	2	2	1
33 - 36	1	4	2	3
37 - 40	1	2	2	1
41 - 44	1	2	2	1
45 - 48	1	4	2	3
49 - 52	1	2	2	1
53 - 56	1	6	2	-
57 - 60	1	5	2	5
61 - 64	1	1	2	2
65 - 68	1	5	2	5

1 - 4	1	-	2	6
5 - 8	1	1	2	2
9 - 12	1	3	2	4
13 - 16	1	5	2	5
17 - 20	1	3	2	4
21 - 24	1	1	2	2
25 - 28	1	-	2	6
29 - 32	1	6	3	-
33 - 36	1	2	3	1
37 - 40	1	2	3	1
41 - 44	1	2	3	1
45 - 48	1	4	3	3
49 - 52	1	3	3	4
53 - 56	1	4	3	3
57 - 60	1	2	3	1
61 - 64	1	2	3	1
65 - 68	1	2	3	1
69 - 72	1	6	3	-
73 - 76	1	-	2	6
77 - 80	1	1	2	2
81 - 84	1	3	2	4
85 - 88	1	5	2	5
89 - 92	1	3	2	4
93 - 96	1	1	2	2
97 - 100	1	-	2	6

* 1 row of 2 colour jacquard = 4 rows of the carriage.

The knitting commences from right to left.

Sample No. 17: A new effect is obtained simply by changing the ground colour rather than that of the pattern.

DUBIED

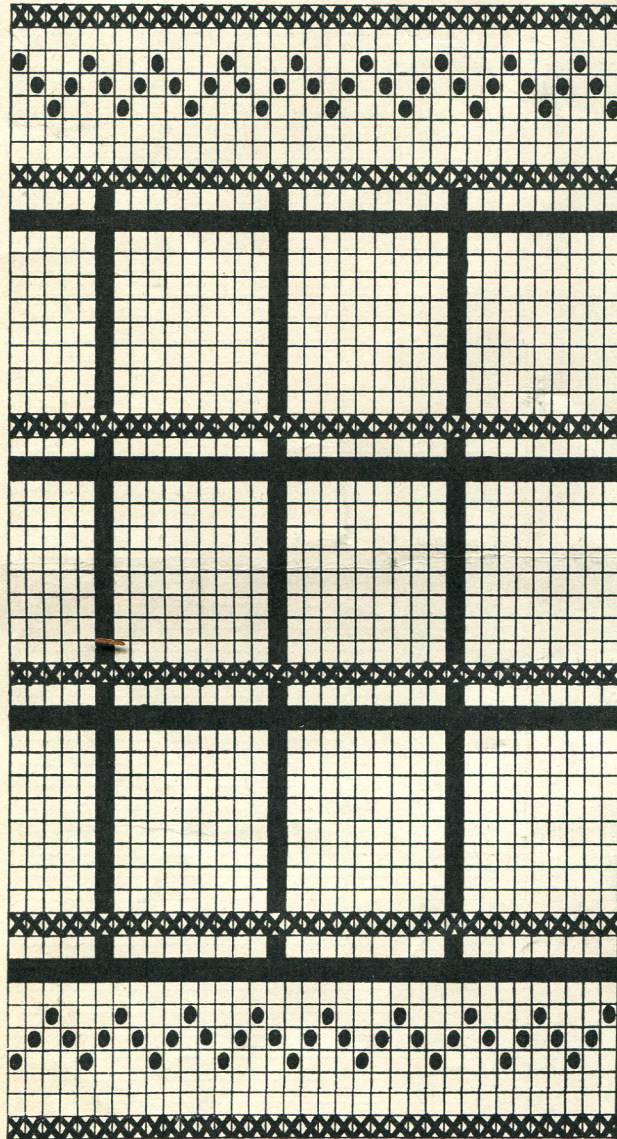
Sample No. 18

As No. 13, this check sample is bordered by stitch transfer in the 1 & 1 rib. Transfer of both front and rear at once.

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 2	2	-	-	-
3 - 4	1	-	-	-
5 - 6	1	-	-	-
7 - 8	1	-	-	-
9 - 10	1	-	-	-
11 - 12	1	-	-	-
13 - 14	1	-	-	-
15 - 18	1	-	2	6
19 - 22	1	2	3	1
23 - 26	1	2	3	1
27 - 30	1	2	3	1
31 - 34	1	2	3	1
35 - 38	1	2	3	1
39 - 42	1	2	3	1
43 - 46	1	2	3	1
47 - 50	1	2	3	1
51 - 54	1	2	3	1
55 - 58	1	2	3	1
59 - 62	1	-	2	6
63 - 66	1	2	3	1
67 - 70	1	2	3	1
71 - 74	1	2	3	1
75 - 78	1	2	3	1
79 - 82	1	2	3	1
83 - 86	1	2	3	1
87 - 90	1	2	3	1
91 - 94	1	2	3	1
95 - 98	1	2	3	1
99 - 102	1	2	3	1
103 - 106	1	-	2	6
107 - 110	1	2	3	1
111 - 114	1	2	3	1
115 - 118	1	2	3	1
119 - 122	1	2	3	1
123 - 126	1	2	3	1
127 - 130	1	2	3	1
131 - 134	1	2	3	1
135 - 138	1	2	3	1
139 - 142	1	2	3	1
143 - 146	1	2	3	1
147 - 150	1	-	2	6
151 - 154	1	2	3	1
155 - 158	1	2	3	1
159 - 160	1	-	-	-
161 - 162	1	-	-	-
163 - 164	1	-	-	-
165 - 166	1	-	-	-
167 - 168	1	-	-	-
169 - 170	1	-	-	-
171 - 172	2	-	-	-

First needle right rear



* 1 row of 2 colour jacquard = 4 rows of the carriage.
The knitting commences from right to left.

For the rows 1 to 14 and 159 to 172, tension for 1 & 1 rib.
For the rows 15 to 158, tension for jacquard.

Sample No. 19

This very attractive sample is composed of jacquard, 1 & 1 rib and ripple stitch. In effect it is the rear of the ripple stitch which is on the right side of the fabric and forms a raised effect.

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 2	1	-	2	6
3 - 6	1	6	3	-
7 - 10	1	2	3	1
11 - 14	1	4	3	3
15 - 18	1	2	3	1
19 - 22	1	2	4	1
23 - 26	1	4	4	3
27 - 30	1	2	4	1
31 - 34	1	2	3	1
35 - 38	1	4	3	3
39 - 42	1	2	3	1
43 - 46	1	6	3	-
47 - 48	1	-	-	-
49 - 50	5	-	-	-
51 - 52	5	-	-	-
53 - 54	5	-	-	-
55 - 56	5	-	-	-
57 - 58	5	-	-	-
59 - 60	5	-	-	-
61 - 62	5	-	-	-
63 - 64	5	-	-	-
65 - 66	6	1	-	-
67 - 68	6	3	-	-
69 - 70	6	5	-	-
71 - 72	6	4	-	-
73 - 74	6	2	-	-
75 - 76	6	1	-	-
77 - 78	6	3	-	-
79 - 80	6	5	-	-
81 - 82	6	4	-	-
83 - 84	6	2	-	-
85 - 86	6	1	-	-
87 - 88	6	3	-	-
89 - 90	6	5	-	-
91 - 92	6	4	-	-
93 - 94	6	2	-	-
95 - 96	6	1	-	-
97 - 98	6	3	-	-
99 - 100	6	5	-	-
101 - 102	6	4	-	-
103 - 104	6	2	-	-

* 1 row of 2 colour jacquard = 4 rows of the carriage.

The knitting commences from right to left.

For the rows 3 to 46, tension for jacquard.

For the rows 1 to 2 and 47 to 64, tension for 1 & 1 rib.

For the rows 65 to 104, tension for ripple stitch.

After row 104, return to 1 & 1 then, after the stripe, repeat the jacquard design (rows 3 to 46). Terminate by the stripe in 1 & 1 rib.

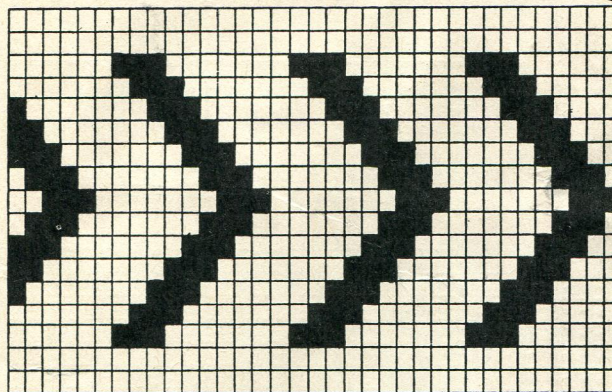
You will find the necessary explanations for knitting ripple stitch on page 22.

DUBIED

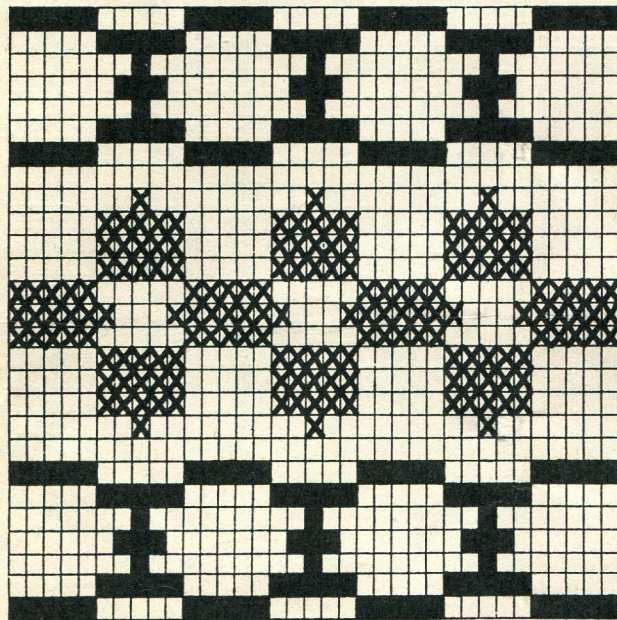
Samples Nos. 20 & 21

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

First needle right rear



* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 4	1	6	2	-
5 - 8	1	6	2	-
9 - 12	1	4	2	3
13 - 16	1	4	2	3
17 - 20	1	4	2	3
21 - 24	1	4	2	3
25 - 28	1	4	2	3
29 - 32	1	4	2	3
33 - 36	1	4	2	3
37 - 40	1	4	2	3
41 - 44	1	4	2	3
45 - 48	1	4	2	3
49 - 52	1	4	2	3
53 - 56	1	4	2	3
57 - 60	1	4	2	3
61 - 64	1	6	2	-
65 - 68	1	6	2	-



1 - 4	1	5	2	5
5 - 8	1	5	2	5
9 - 12	1	2	2	1
13 - 16	1	4	2	3
17 - 20	1	2	2	1
21 - 24	1	5	2	5
25 - 28	1	5	2	5
29 - 32	1	6	2	-
33 - 36	1	2	3	1
37 - 40	1	5	3	5
41 - 44	1	5	3	5
45 - 48	1	5	3	5
49 - 52	1	5	3	5
53 - 56	1	3	3	4
57 - 60	1	5	3	5
61 - 64	1	5	3	5
65 - 68	1	5	3	5
69 - 72	1	5	3	5
73 - 76	1	2	3	1
77 - 80	1	6	2	-
81 - 84	1	5	2	5
85 - 88	1	5	2	5
89 - 92	1	2	2	1
93 - 96	1	4	2	3
97 - 100	1	2	2	1
101 - 104	1	5	2	5
105 - 108	1	5	2	5

* 1 row of 2 colour jacquard = 4 rows of the carriage.
The knitting commences from right to left.

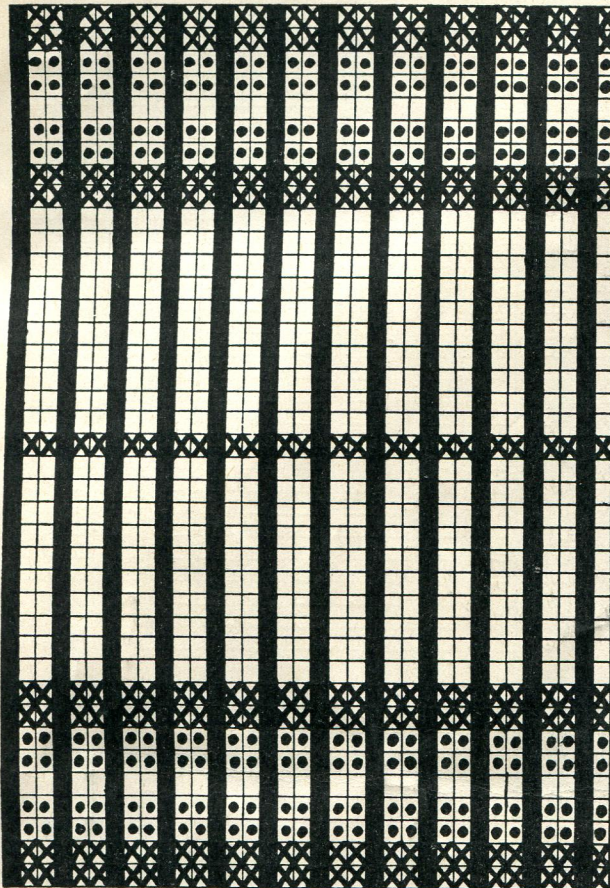
The chevron No. 20 will contribute to your pullovers being a success; in different strong tints repeated in horizontal stripes separated by rib or inlaid the length of the sleeve, or in vertical stripes on a kimono.

The chains bordering No. 21, superposed without interruption will form an effect similar to No. 14.

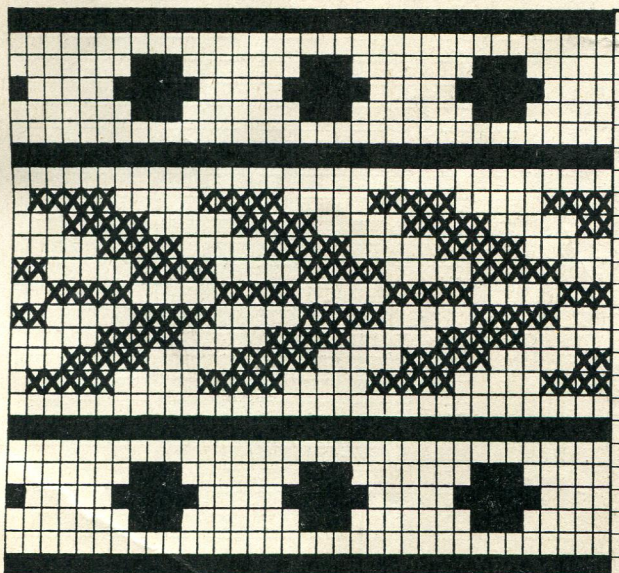
Samples Nos. 22 & 23

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

First needle right rear



* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 4	1	8	2	7
5 - 8	1	8	2	7
9 - 12	1	8	3	7
13 - 16	1	8	3	7
17 - 20	1	8	4	7
21 - 24	1	8	3	7
25 - 28	1	8	3	7
29 - 32	1	8	2	7
33 - 36	1	8	2	7
37 - 40	1	8	4	7
41 - 44	1	8	4	7
45 - 48	1	8	4	7
49 - 52	1	8	4	7
53 - 56	1	8	4	7
57 - 60	1	8	4	7
61 - 64	1	8	4	7
65 - 68	1	8	4	7
69 - 72	1	8	4	7
73 - 76	1	8	4	7
77 - 80	1	8	2	7
81 - 84	1	8	4	7
85 - 88	1	8	4	7
89 - 92	1	8	4	7
93 - 96	1	8	4	7
97 - 100	1	8	4	7
101 - 104	1	8	4	7
105 - 108	1	8	4	7
109 - 112	1	8	4	7
113 - 116	1	8	4	7
117 - 120	1	8	4	7
121 - 124	1	8	2	7
125 - 128	1	8	2	7
129 - 132	1	8	3	7
133 - 136	1	8	3	7
137 - 140	1	8	4	7
141 - 144	1	8	3	7
145 - 148	1	8	3	7
149 - 152	1	8	2	7
153 - 156	1	8	2	7



1 - 4	1	-	2	6
5 - 8	1	6	2	-
9 - 12	1	4	2	3
13 - 16	1	5	2	5
17 - 20	1	4	2	3
21 - 24	1	6	2	-
25 - 28	1	-	2	6
29 - 32	1	6	3	-
33 - 36	1	5	3	5
37 - 40	1	5	3	5
41 - 44	1	5	3	5
45 - 48	1	5	3	5
49 - 52	1	5	3	5
53 - 56	1	5	3	5
57 - 60	1	5	3	5
61 - 64	1	5	3	5
65 - 68	1	5	3	5
69 - 72	1	6	3	-
73 - 76	1	-	2	6
77 - 80	1	6	2	-
81 - 84	1	4	2	3
85 - 88	1	5	2	5
89 - 92	1	4	2	3
93 - 96	1	6	2	-
97 - 100	1	-	2	6

* 1 row of 2 colour jacquard = 4 rows of the carriage.
The knitting commences from right to left.

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Samples Nos. 24 & 25

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

First needle right rear

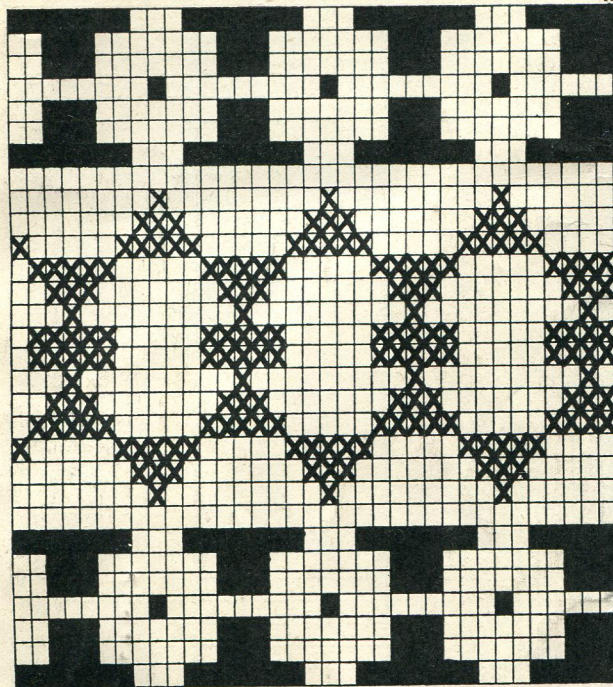
* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 4	1	2	2	1
5 - 8	1	4	2	3
9 - 12	1	5	2	5
13 - 16	1	5	2	5
17 - 20	1	4	2	3
21 - 24	1	2	2	1
25 - 28	1	6	2	-
29 - 32	1	-	2	6
33 - 36	1	6	3	-
37 - 40	1	2	3	1
41 - 44	1	3	3	4
45 - 48	1	2	3	1
49 - 52	1	2	3	1
53 - 56	1	3	3	4
57 - 60	1	2	3	1
61 - 64	1	2	3	1
65 - 68	1	3	3	4
69 - 72	1	2	3	1
73 - 76	1	6	3	-
77 - 80	1	-	2	6
81 - 84	1	6	2	-
85 - 88	1	2	2	1
89 - 92	1	4	2	3
93 - 96	1	5	2	5
97 - 100	1	5	2	5
101 - 104	1	4	2	3
105 - 108	1	2	2	1
1 - 4	1	3	2	4
5 - 8	1	2	2	1
9 - 12	1	2	2	1
13 - 16	1	1	2	2
17 - 20	1	1	2	2
21 - 24	1	3	2	4
25 - 28	1	3	2	4
29 - 32	1	5	2	5
33 - 36	1	5	2	5
37 - 40	1	4	2	3
41 - 44	1	4	2	3
45 - 48	1	2	2	1
49 - 52	1	6	3	-
53 - 56	1	2	3	1
57 - 60	1	4	3	3
61 - 64	1	5	3	5
65 - 68	1	3	3	4
69 - 72	1	4	3	3
73 - 76	1	3	3	4
77 - 80	1	5	3	5
81 - 84	1	4	3	3
85 - 88	1	2	3	1
89 - 92	1	6	3	-
93 - 96	1	3	2	4
97 - 100	1	2	2	1
101 - 104	1	2	2	1
105 - 108	1	1	2	2
109 - 112	1	1	2	2
113 - 116	1	3	2	4
117 - 120	1	3	2	4
121 - 124	1	5	2	5
125 - 128	1	5	2	5
129 - 132	1	4	2	3
133 - 136	1	4	2	3
137 - 140	1	2	2	1

* 1 row of 2 colour jacquard = 4 rows of the carriage.
The knitting commences from right to left.

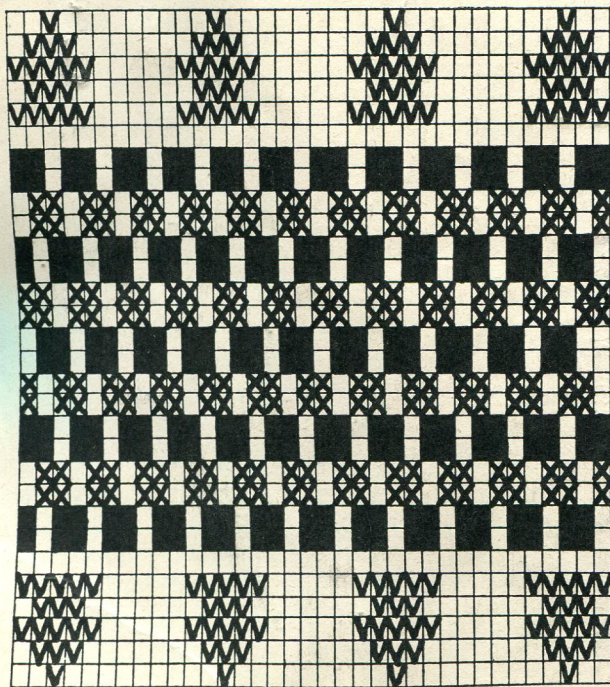
Samples Nos. 26 & 27

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

First needle right rear



* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 4	1	3	2	4
5 - 8	1	4	2	3
9 - 12	1	4	2	3
13 - 16	1	2	2	1
17 - 20	1	4	2	3
21 - 24	1	4	2	3
25 - 28	1	3	2	4
29 - 32	1	6	3	-
33 - 36	1	2	3	1
37 - 40	1	4	3	3
41 - 44	1	5	3	5
45 - 48	1	5	3	5
49 - 52	1	4	3	3
53 - 56	1	2	3	1
57 - 60	1	5	3	5
61 - 64	1	5	3	5
65 - 68	1	2	3	1
69 - 72	1	4	3	3
73 - 76	1	5	3	5
77 - 80	1	5	3	5
81 - 84	1	4	3	3
85 - 88	1	2	3	1
89 - 92	1	6	3	-
93 - 96	1	3	2	4
97 - 100	1	4	2	3
101 - 104	1	4	2	3
105 - 108	1	2	2	1
109 - 112	1	4	2	3
113 - 116	1	4	2	3
117 - 120	1	3	2	4



1 - 4	1	2	2	1
5 - 8	1	4	2	3
9 - 12	1	5	2	5
13 - 16	1	4	2	3
17 - 20	1	5	2	5
21 - 24	1	6	2	-
25 - 28	1	8	3	7
29 - 32	1	8	3	7
33 - 36	1	8	4	7
37 - 40	1	8	4	7
41 - 44	1	8	3	7
45 - 48	1	8	3	7
49 - 52	1	8	4	7
53 - 56	1	8	4	7
57 - 60	1	8	3	7
61 - 64	1	8	3	7
65 - 68	1	8	4	7
69 - 72	1	8	4	7
73 - 76	1	8	3	7
77 - 80	1	8	3	7
81 - 84	1	8	4	7
85 - 88	1	8	4	7
89 - 92	1	8	3	7
93 - 96	1	8	3	7
97 - 100	1	6	2	-
101 - 104	1	5	2	5
105 - 108	1	4	2	3
109 - 112	1	5	2	5
113 - 116	1	4	2	3
117 - 120	1	2	2	1

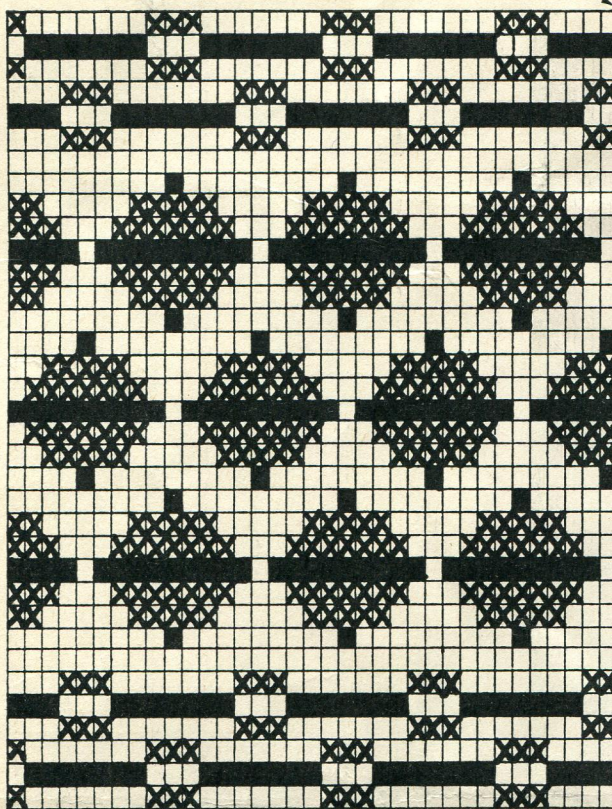
* 1 row of 2 colour jacquard = 4 rows of the carriage.
The knitting commences from right to left.

DUBIED

Sample No. 28

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

First needle right rear



* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 4	1	4	2	3
5 - 8	1	3	3	4
9 - 12	1	4	2	3
13 - 16	1	3	2	4
17 - 20	1	4	3	3
21 - 24	1	3	2	4
25 - 28	1	6	2	-
29 - 32	1	2	2	1
33 - 36	1	5	2	5
37 - 40	1	4	2	3
41 - 44	1	1	3	2
45 - 48	1	4	2	3
49 - 52	1	5	2	5
53 - 56	1	2	2	1
57 - 60	1	2	2	1
61 - 64	1	5	2	5
65 - 68	1	4	2	3
69 - 72	1	1	3	2
73 - 76	1	4	2	3
77 - 80	1	5	2	5
81 - 84	1	2	2	1
85 - 88	1	2	2	1
89 - 92	1	5	2	5
93 - 96	1	4	2	3
97 - 100	1	1	3	2
101 - 104	1	4	2	3
105 - 108	1	5	2	5
109 - 112	1	2	2	1
113 - 116	1	6	2	-
117 - 120	1	3	2	4
121 - 124	1	4	3	3
125 - 128	1	3	2	4
129 - 132	1	3	2	4
133 - 136	1	4	3	3
137 - 140	1	3	2	4

* 1 row of 2 colour jacquard = 4 rows of the carriage.
The knitting commences from right to left.

Jacquard ripple stitch (Samples Nos. 19 and 29).

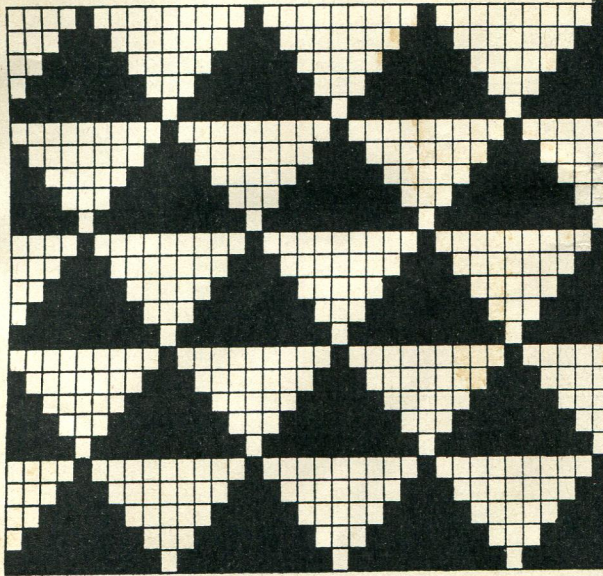
For ripple stitch as for 1 & 1 rib, 1 square of the plan comprises 4 rows of the carriage. The comb puts the needles in action represented by the **black** squares only. The white squares represent the stitches awaiting formation.

Jacquard ripple stitch being formed of small stitches alternating with long stitches, our plan cannot give the same proportions as the fabric.

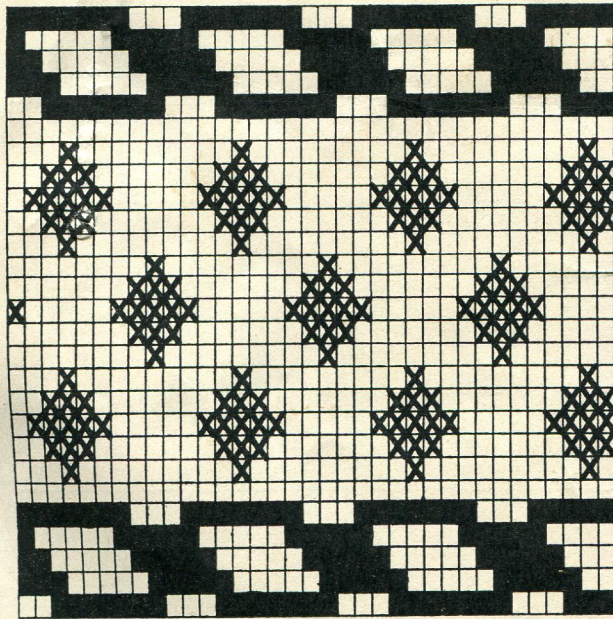
Samples Nos. 29 & 30

See page 24 regarding the count of yarn and stitch tension appropriate to the gauge of your machine.

First needle right rear



* Rows of stitches	Order of use of colours and combs			
	Colour No.	Comb No.	Colour No.	Comb No.
1 - 2	1	1		
3 - 4	1	3		
5 - 6	1	5		
7 - 8	1	4		
9 - 10	1	2		
11 - 12	1	1		
13 - 14	1	3		
15 - 16	1	5		
17 - 18	1	4		
19 - 20	1	2		
21 - 22	1	1		
23 - 24	1	3		
25 - 26	1	5		
27 - 28	1	4		
29 - 30	1	2		
31 - 32	1	1		
33 - 34	1	3		
35 - 36	1	5		
37 - 38	1	4		
39 - 40	1	2		
41 - 42	1	1		
43 - 44	1	3		
45 - 46	1	5		
47 - 48	1	4		
49 - 50	1	2		



1 - 4	1	3	2	4
5 - 8	1	5	2	5
9 - 12	1	5	2	5
13 - 16	1	5	2	5
17 - 20	1	3	2	4
21 - 24	1	6	3	-
25 - 28	1	2	3	1
29 - 32	1	4	3	3
33 - 36	1	5	3	5
37 - 40	1	4	3	3
41 - 44	1	2	3	1
45 - 48	1	2	3	1
49 - 52	1	4	3	3
53 - 56	1	5	3	5
57 - 60	1	4	3	3
61 - 64	1	2	3	1
65 - 68	1	2	3	1
69 - 72	1	4	3	3
73 - 76	1	5	3	5
77 - 80	1	4	3	3
81 - 84	1	2	3	1
85 - 88	1	6	3	-
89 - 92	1	3	2	4
93 - 96	1	5	2	5
97 - 100	1	5	2	5
101 - 104	1	5	2	5
105 - 108	1	3	2	4

* 1 row of 2 colour jacquard = 4 rows of the carriage.
The knitting commences from right to left.

Sample No. 29 is a ripple stitch similar to that of No. 19. Not being combined with an ordinary jacquard design, its relief formed at the front is the correct side of the fabric. The necessary explanations covering ripple stitch can be found on page 22.

**Adjustment of the indicators (tension)
for ordinary comb selected jacquard fabrics, ripple stitch and 1 & 1
rib with appropriate counts of yarn.**

Needles per inch	Bradford count	Ordinary jacquard	Ripple	1 & 1 rib												
14	2/36	<table style="border-collapse: collapse; margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 5px;">9</td> <td style="padding: 5px;">-</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">$8\frac{1}{2}$</td> <td style="padding: 5px;">$8\frac{1}{2}$</td> </tr> </table>	9	-	$8\frac{1}{2}$	$8\frac{1}{2}$	<table style="border-collapse: collapse; margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 5px;">$8\frac{1}{2}$</td> <td style="padding: 5px;">-</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">9</td> <td style="padding: 5px;">9</td> </tr> </table>	$8\frac{1}{2}$	-	9	9	<table style="border-collapse: collapse; margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 5px;">8</td> <td style="padding: 5px;">8</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">8</td> <td style="padding: 5px;">8</td> </tr> </table>	8	8	8	8
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11	11															

The counts of yarn and cam indicator numbers given above should be considered average. If you use a yarn of slightly different count, you will probably have to change the cam tensions. In this case make sure to maintain the same relations between 1 & 1 rib and jacquard.

Edouard DUBIED & Cie S. A., NEUCHATEL (Switzerland)



DUBIED

RESERVE PARTS

**Types MR MRH
MRS MRF MRHF**

Catalogue N 212

Carefully preserve this catalogue

When you are in need of spare or reserve parts, this catalogue will allow you to order same from any Dubied branch or agency.

**EDOUARD DUBIED & CIE, S. A.
Neuchâtel (Switzerland)**



Photo of a knitting factory about 1900.

If by any chance you own one of the machines shown above, you can still obtain spare parts for it.

Although DUBIED machines are constantly being improved, machines of older construction are never «left behind» as regards spare parts.

Thanks to our spare parts department,

DUBIED machines
have a long life insurance.

Use DUBIED spare parts

on **DUBIED** machines.

DUBIED

IMPORTANT NOTICE

Read this before ordering.

In order to ensure the quickest and best service, it is essential to give us precisely the following information when ordering :

- a) TYPE OF THE MACHINE ;
- b) WIDTH AND GAUGE OF THE MACHINE ;
- c) CONSTRUCTION NUMBER of the machine, or of THE APPARATUS.
(The three indications *a*, *b*, *c* are punched on the needlebeds and bars of the machine).
- d) NUMBER OF THE PLATE on which the part is represented (i. e. the large number printed at the foot of each plate in the catalogue).
- e) THE NUMBER OF THE PART on the plate (i. e. the small number printed in a circle and denoting the part of the plate).

SPECIMEN OF AN ORDER

*for a machine M R, 39" wide, 10 needles,
construction number 149912 :*

1 feeder	plate 9755	fig. No 20
1 spring	» 9746	» 30
12 bobbins	» 9574	» 9
1 part	» 9745	» 28

for TOUCH - STRIPER No 6207 :

1 part	plate 9756	fig No. 13
--------	------------	------------

Please do not fail to state your complete address
and how we are to despatch.

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CARRIAGE MR

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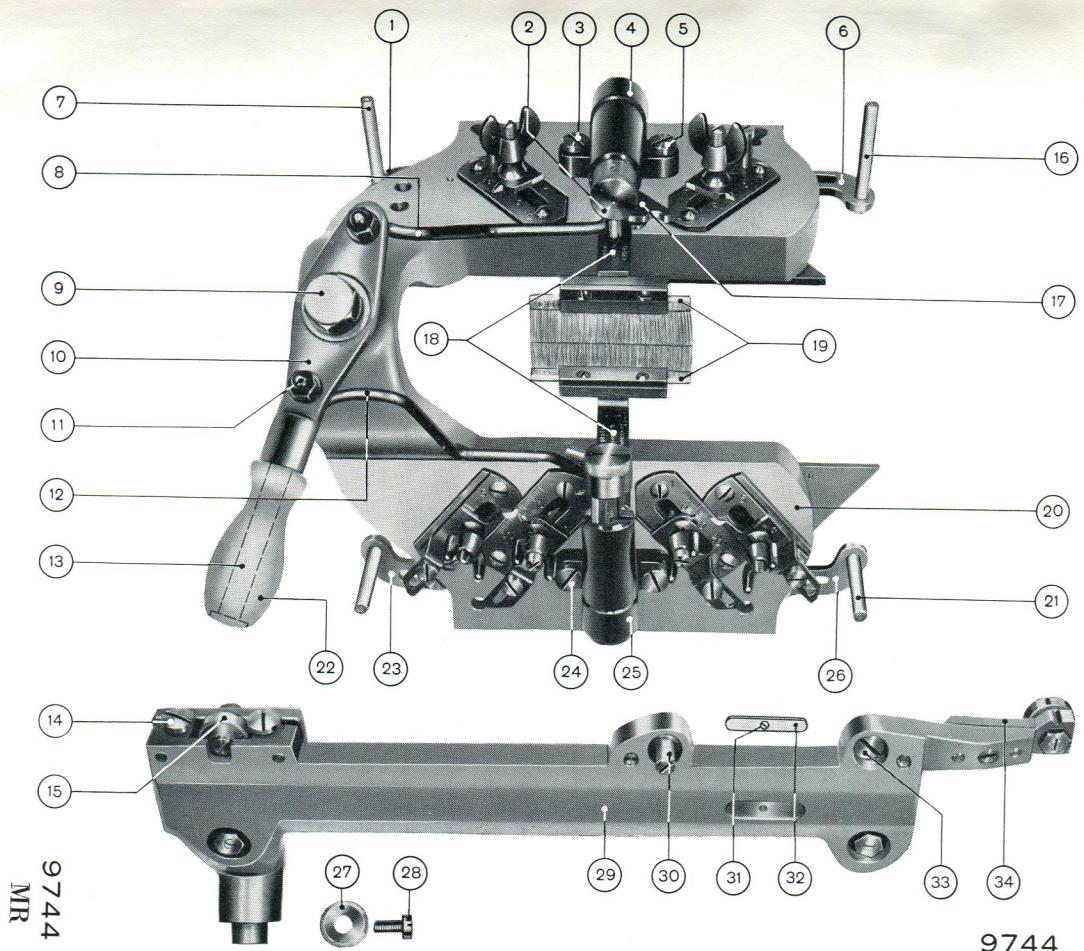
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STAND
NEEDLEBEDS
YARN CARRIERS
SPECIAL APPLIANCES
ACCESSORIES

} FOR ALL
TYPES

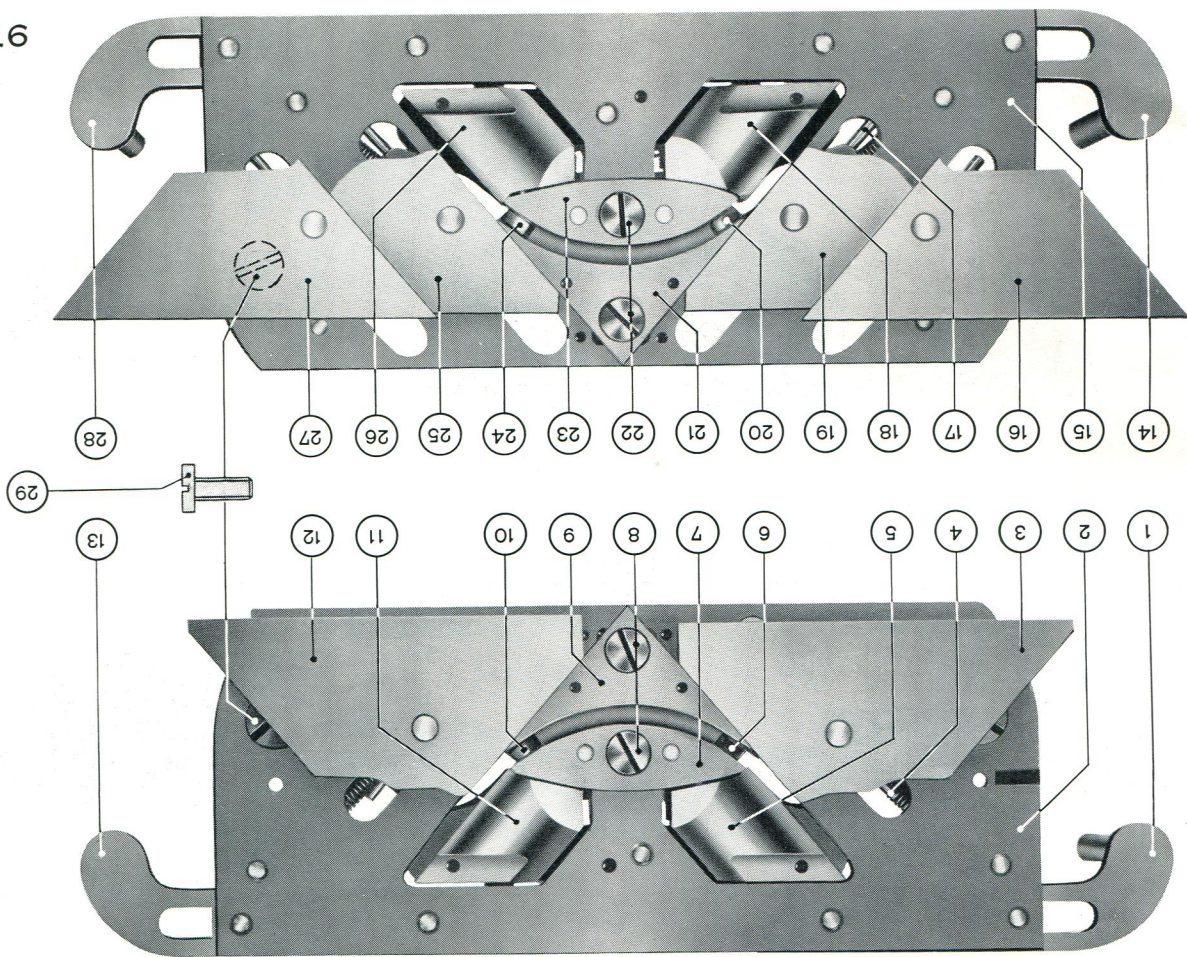
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MR

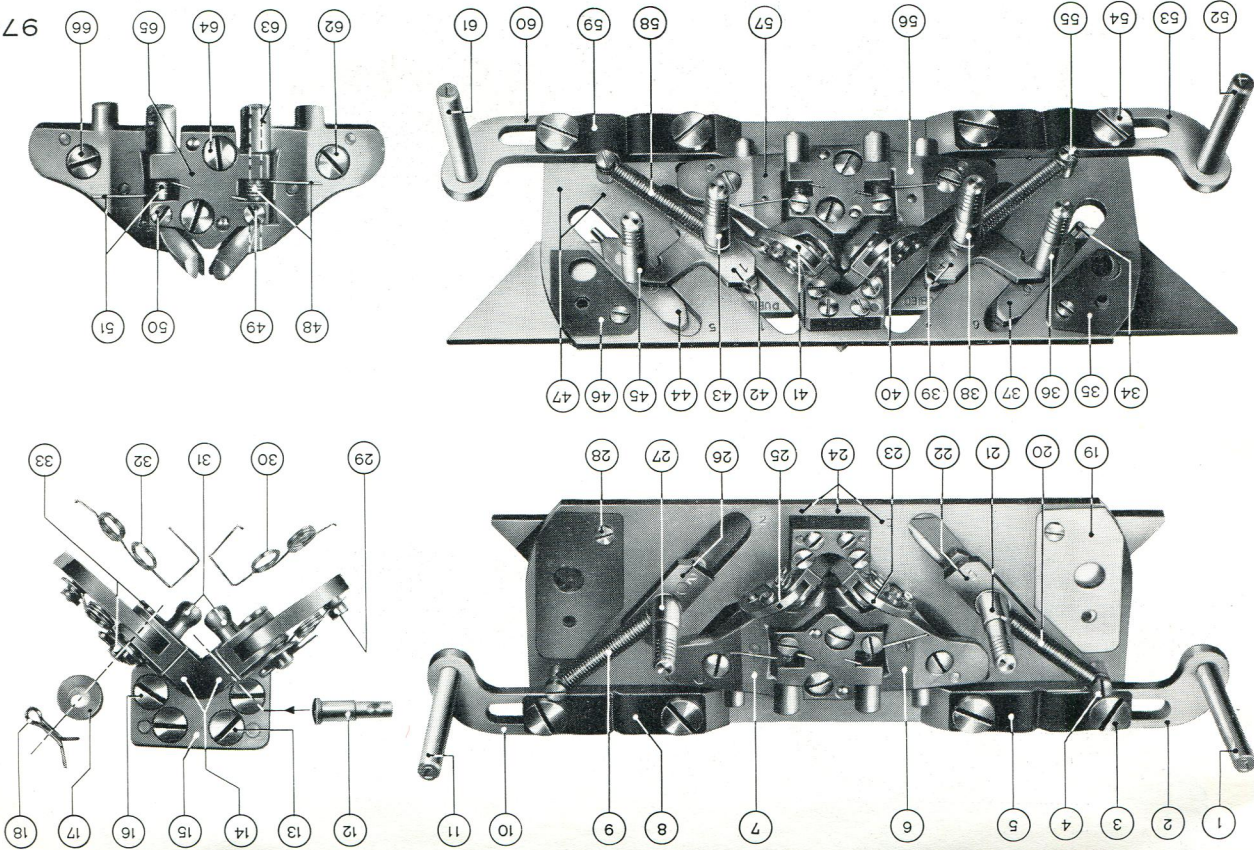
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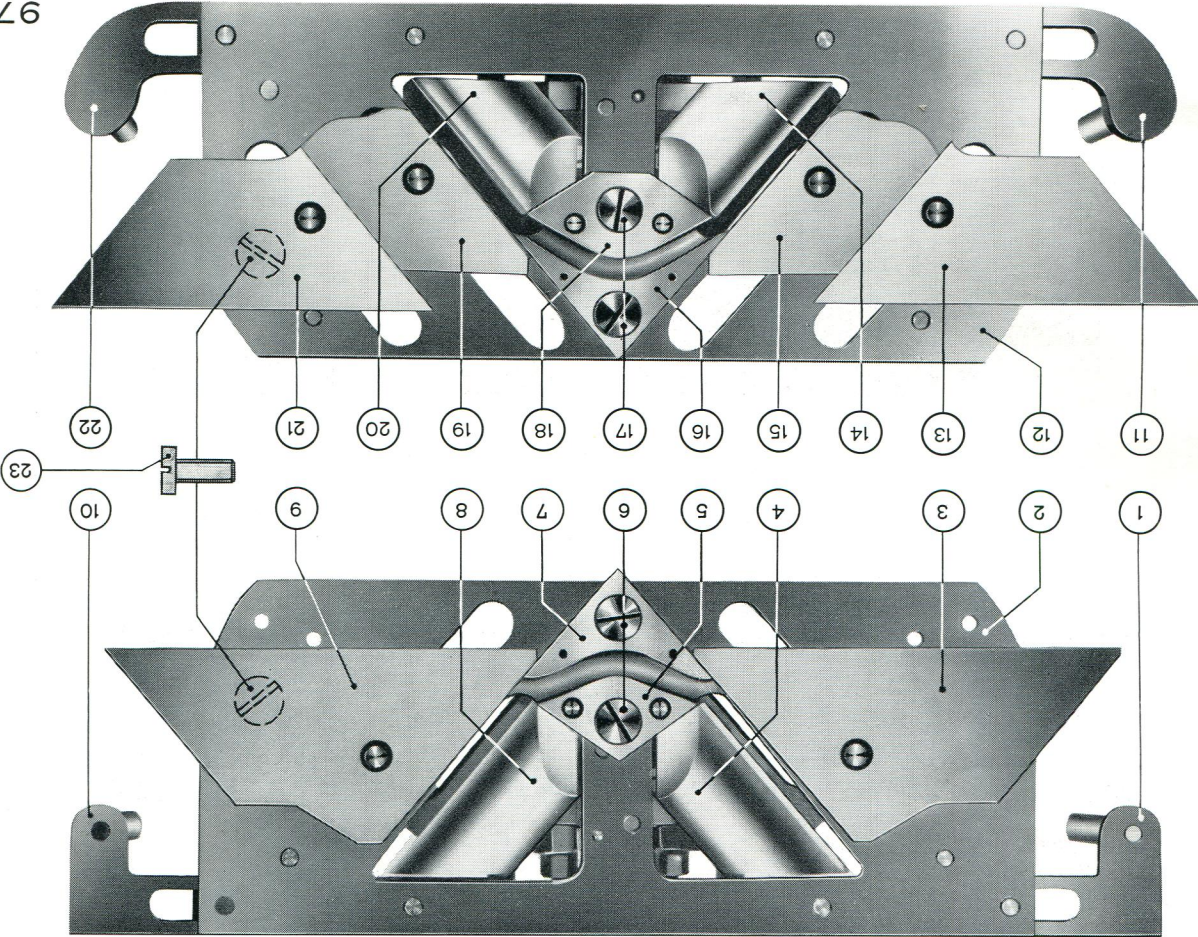
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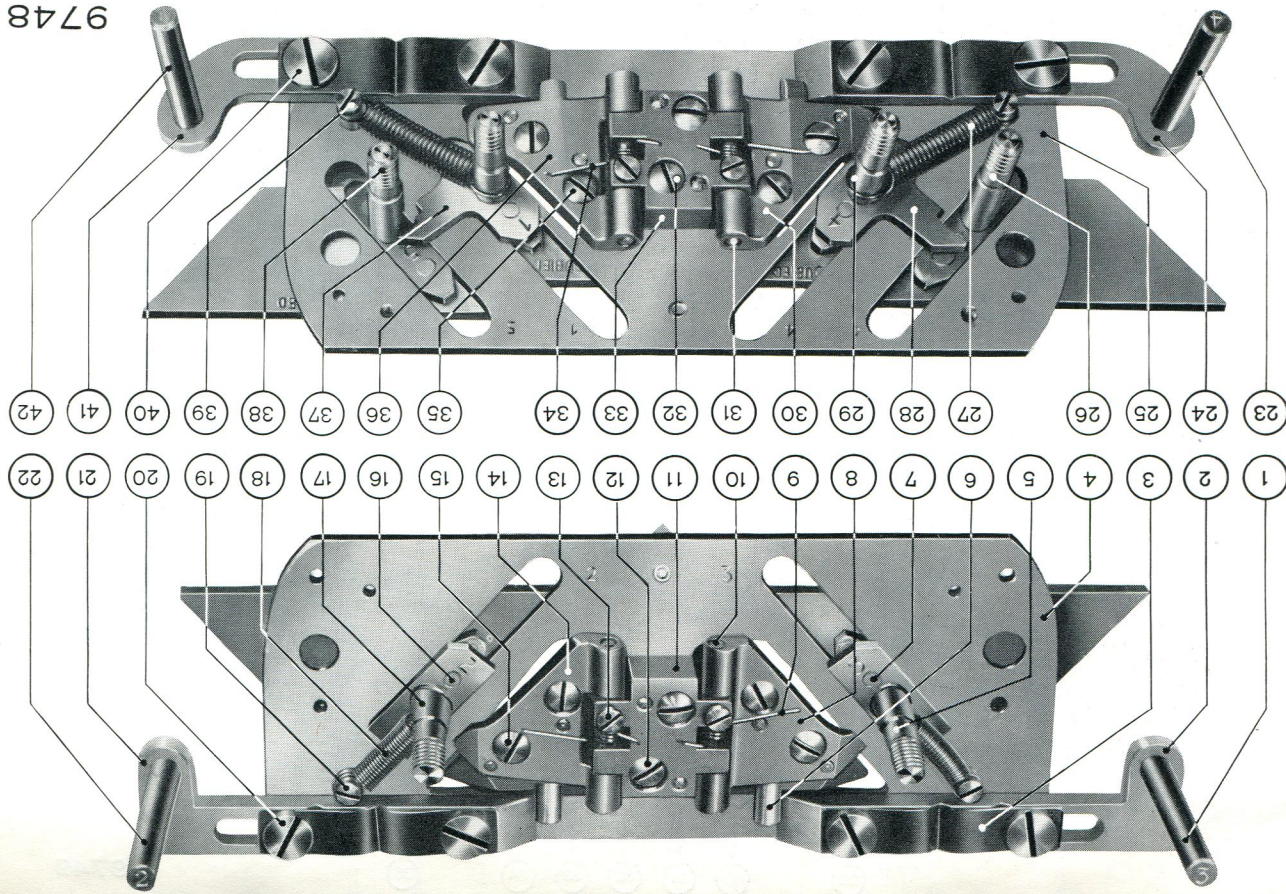
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MR

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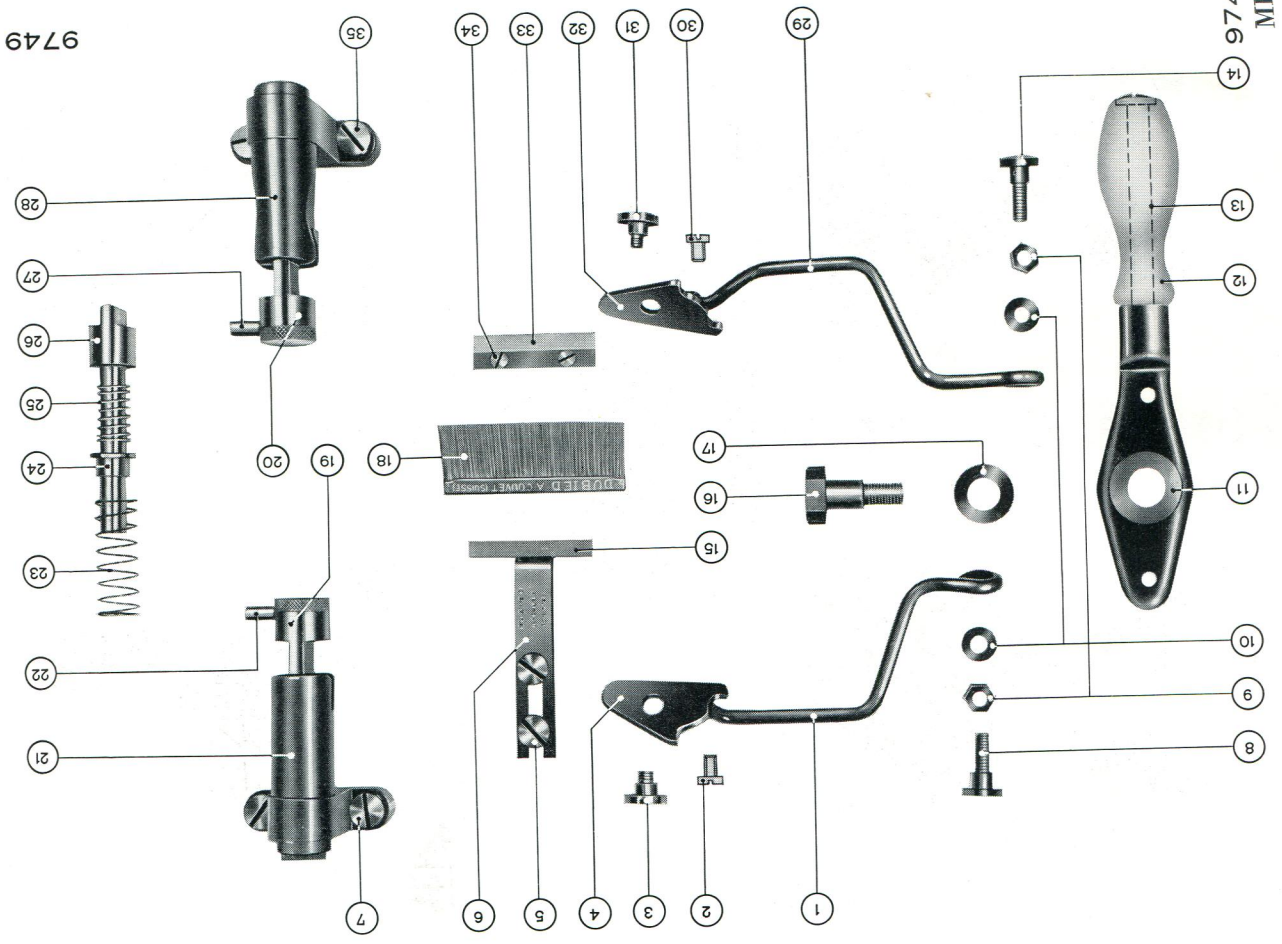
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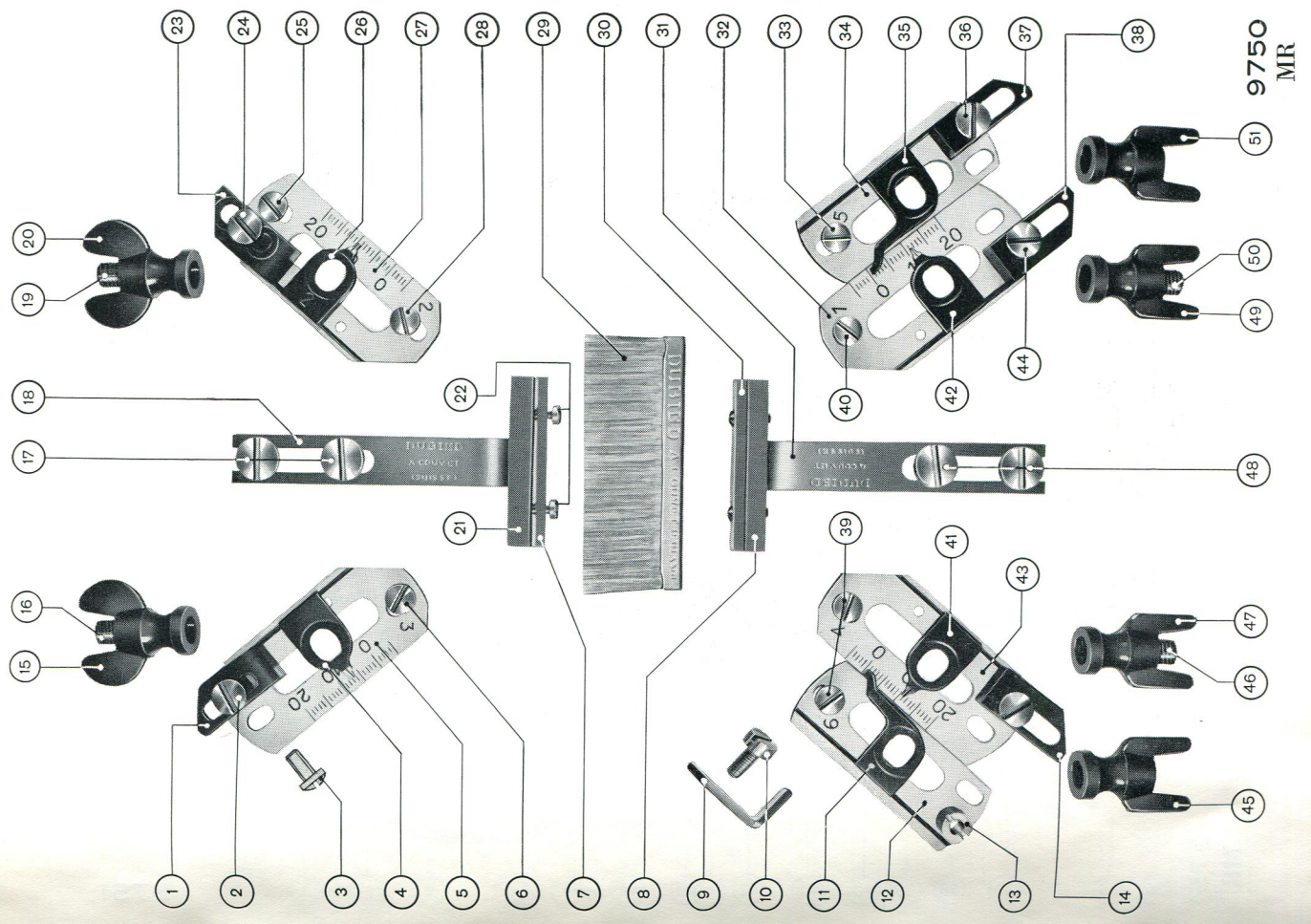


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MR

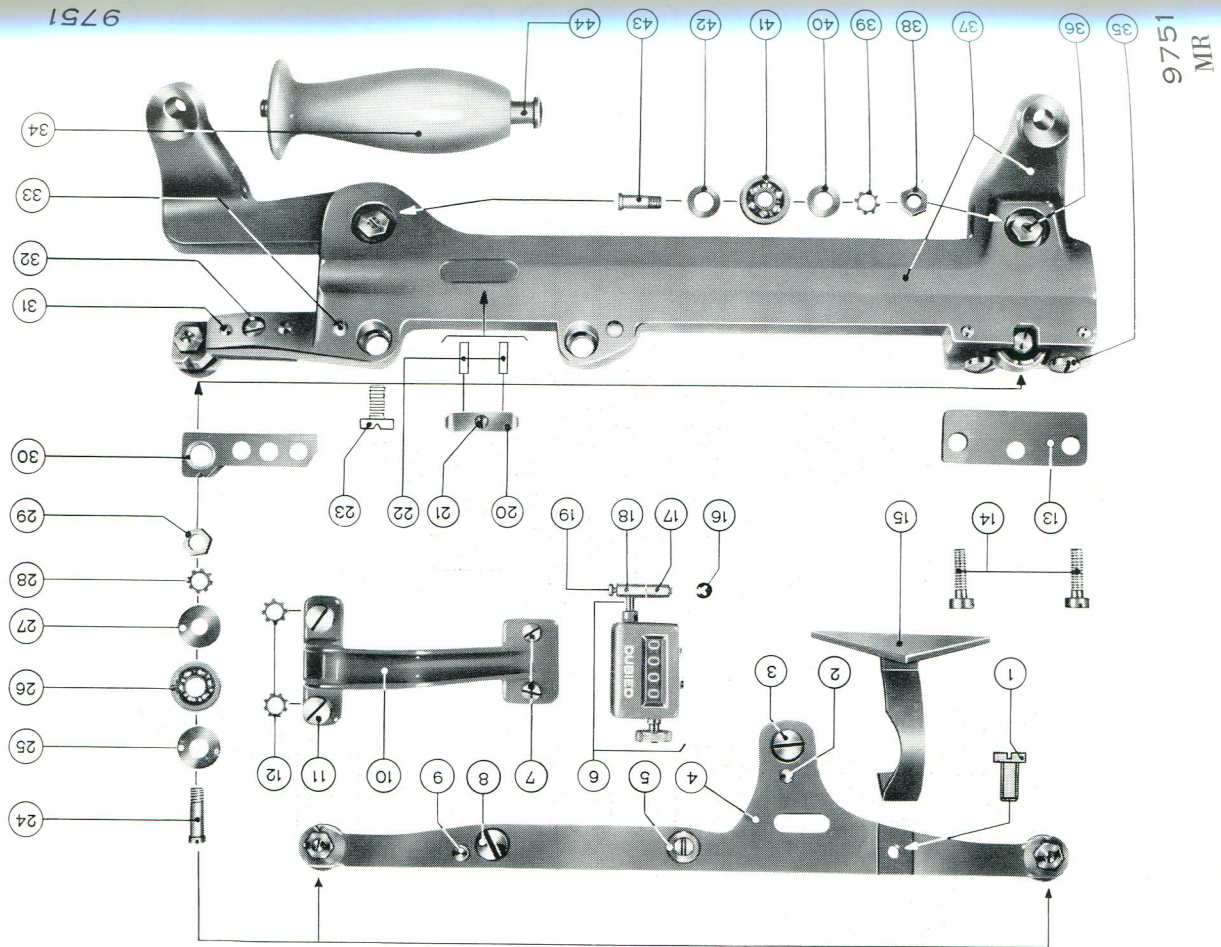
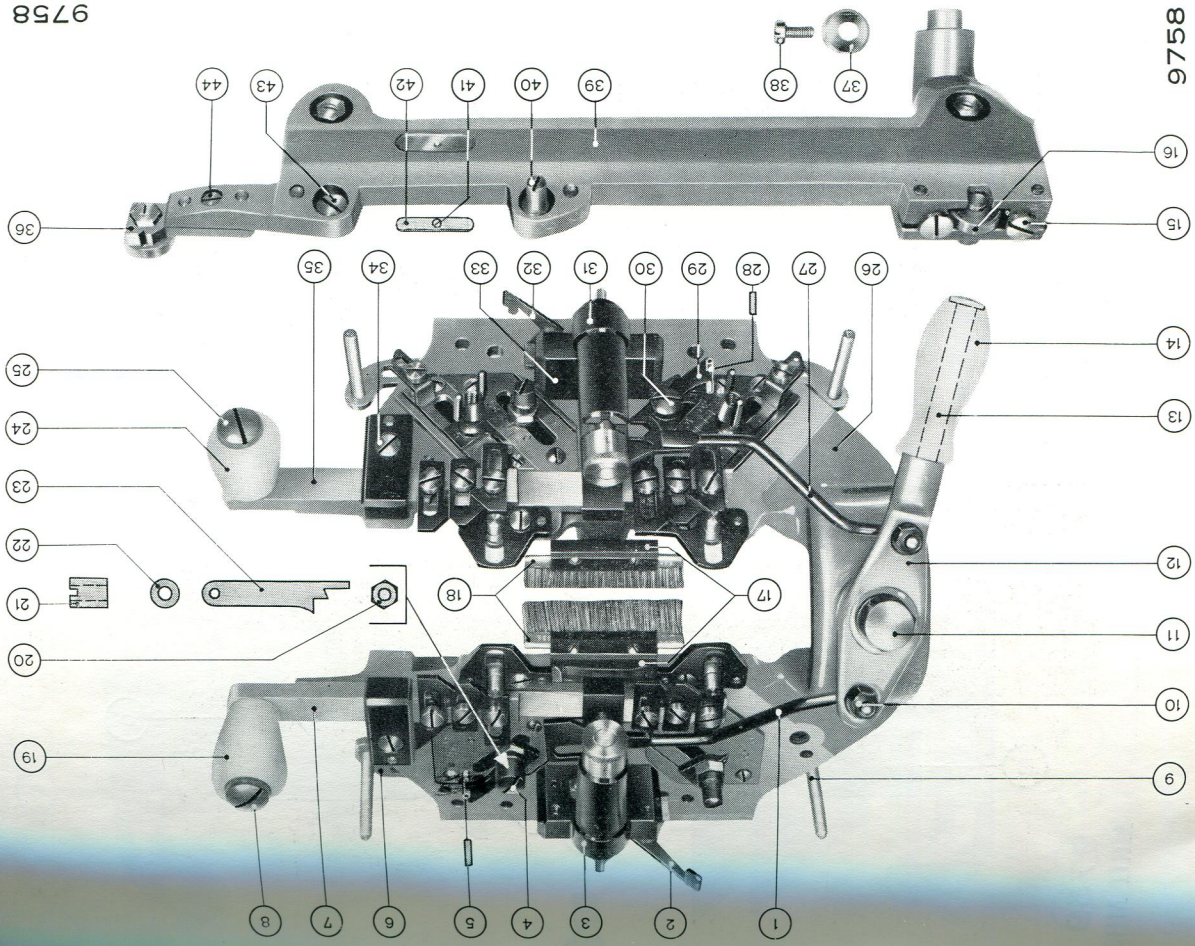
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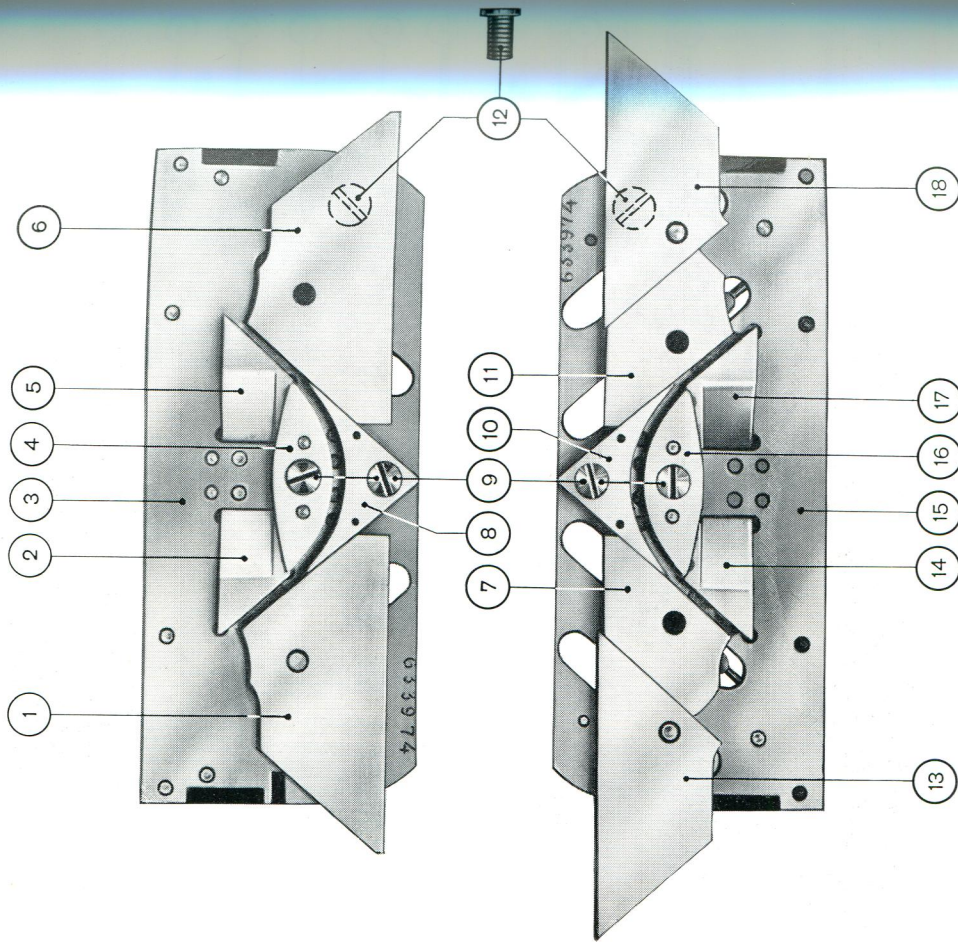


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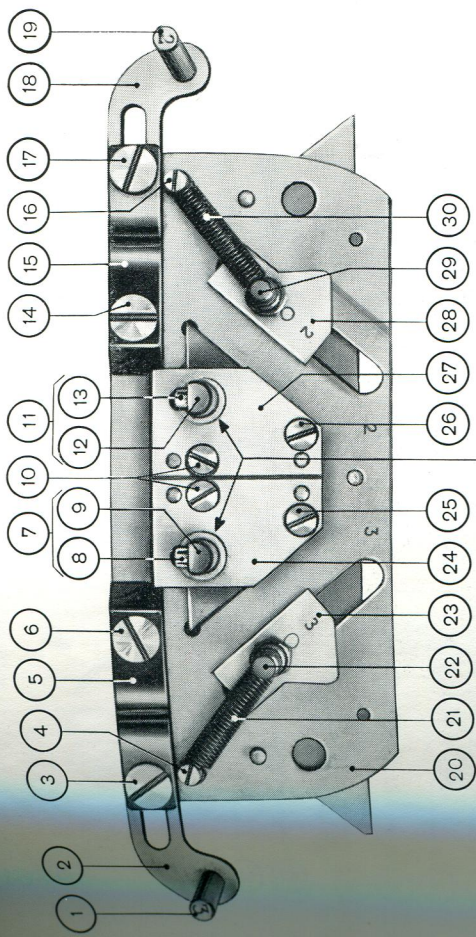


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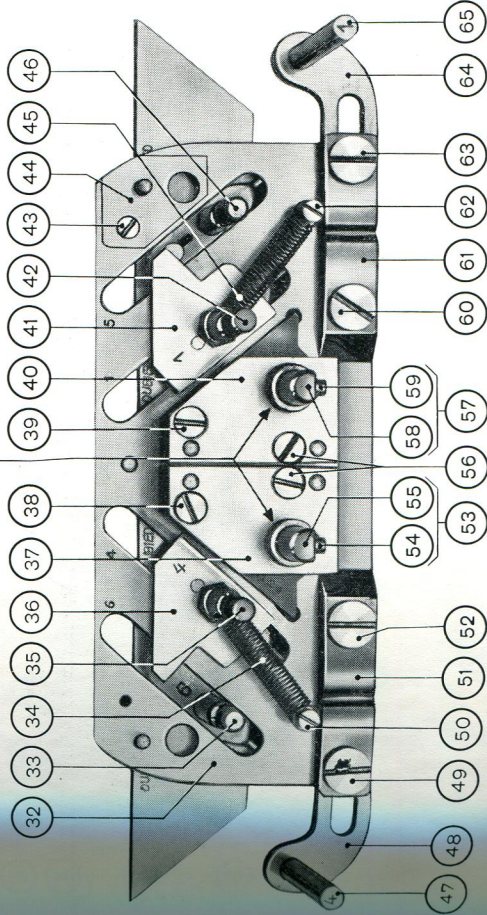




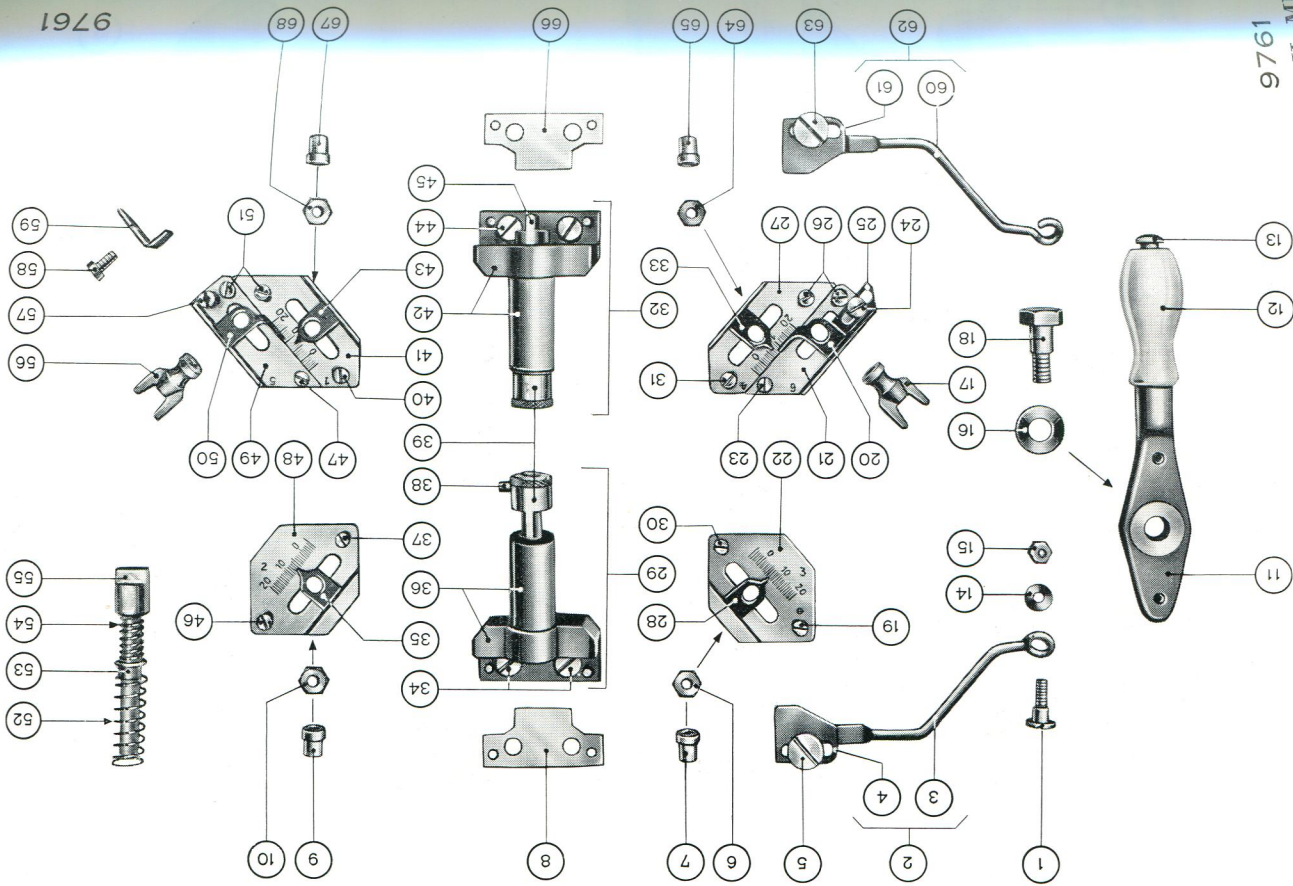
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MRH MRS



M-31-M

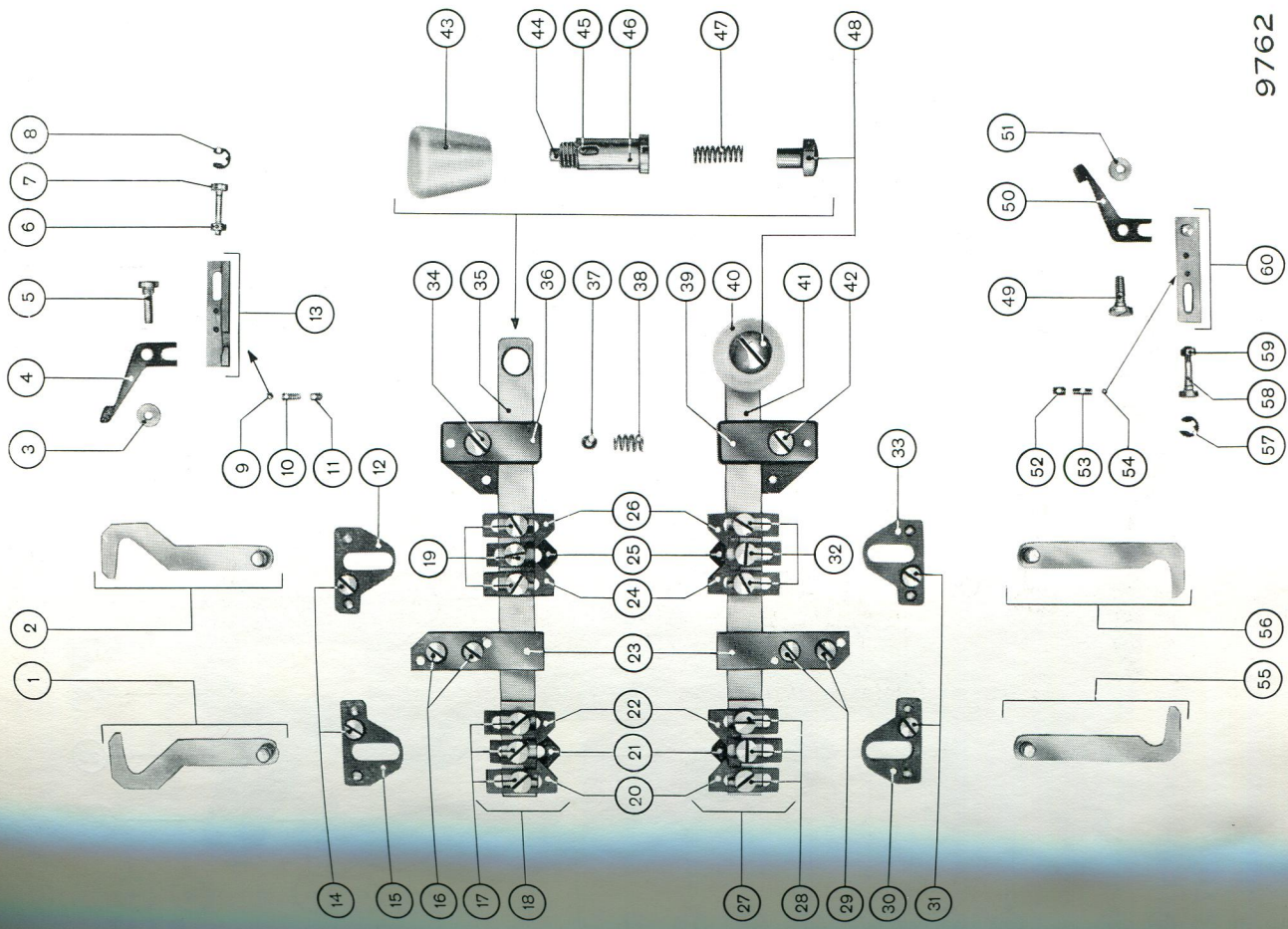


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MRH MRS

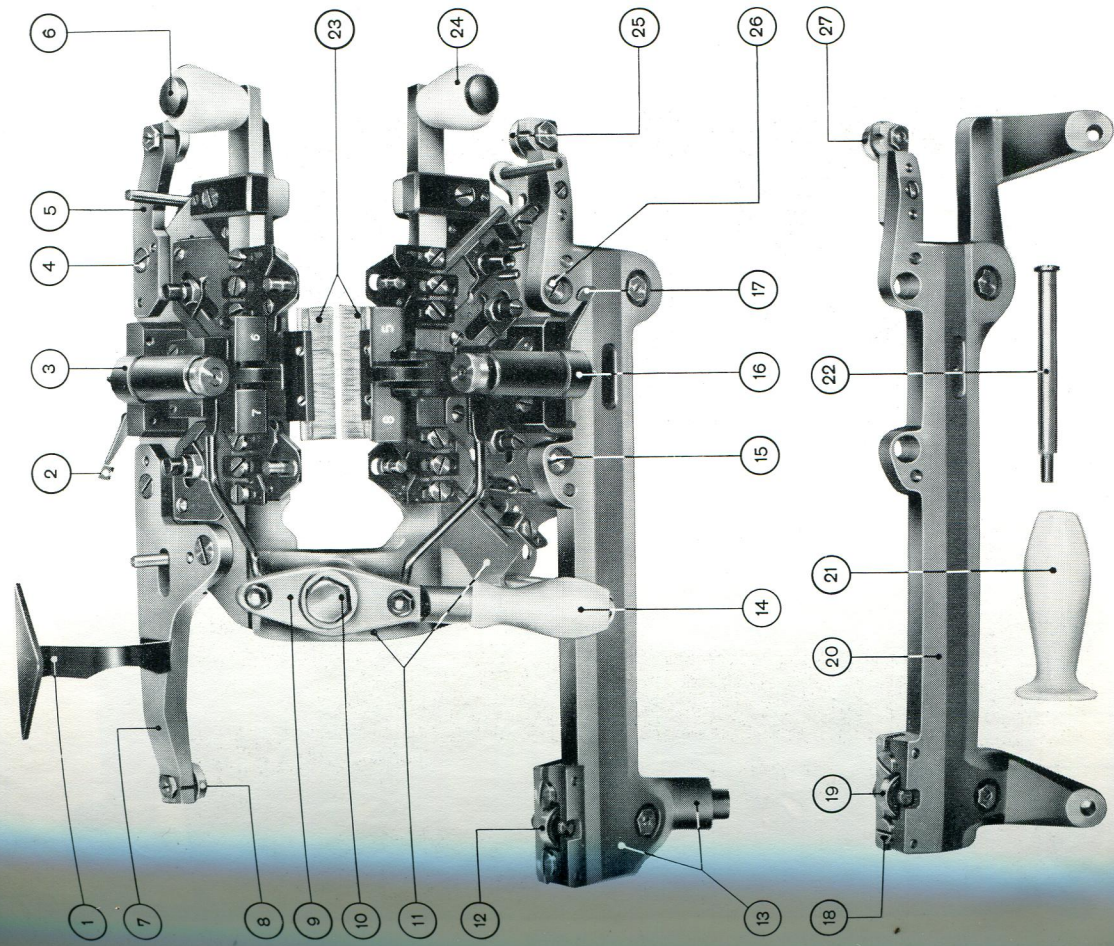


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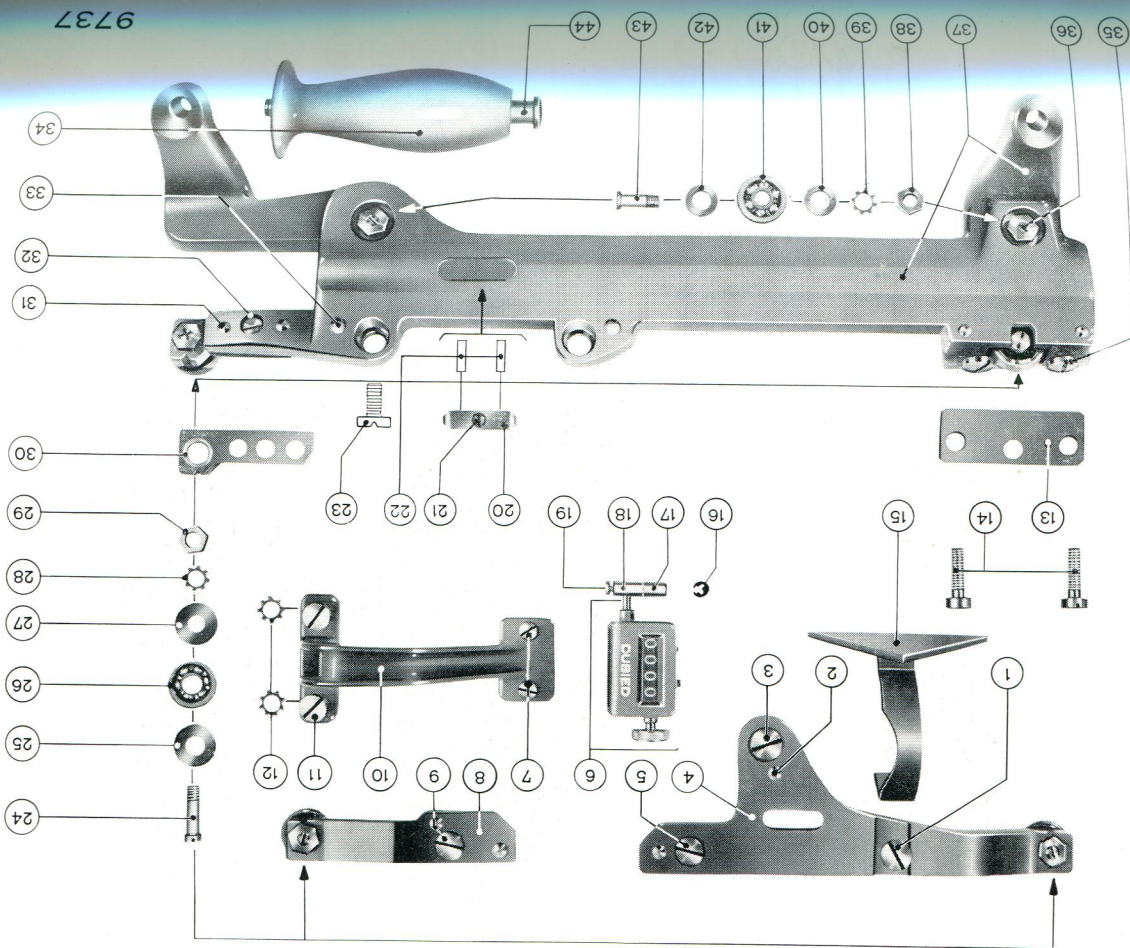
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MRH MRS



9762
MRH MRS

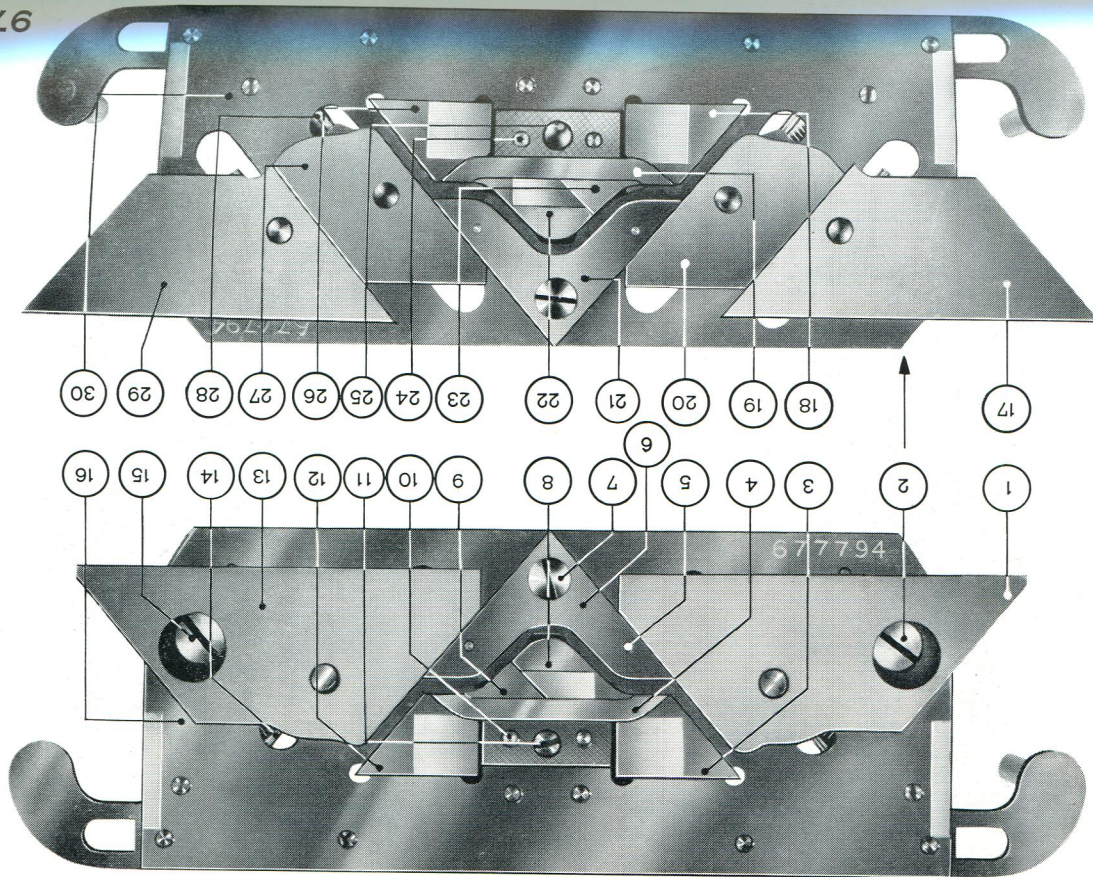


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MRF MRHF

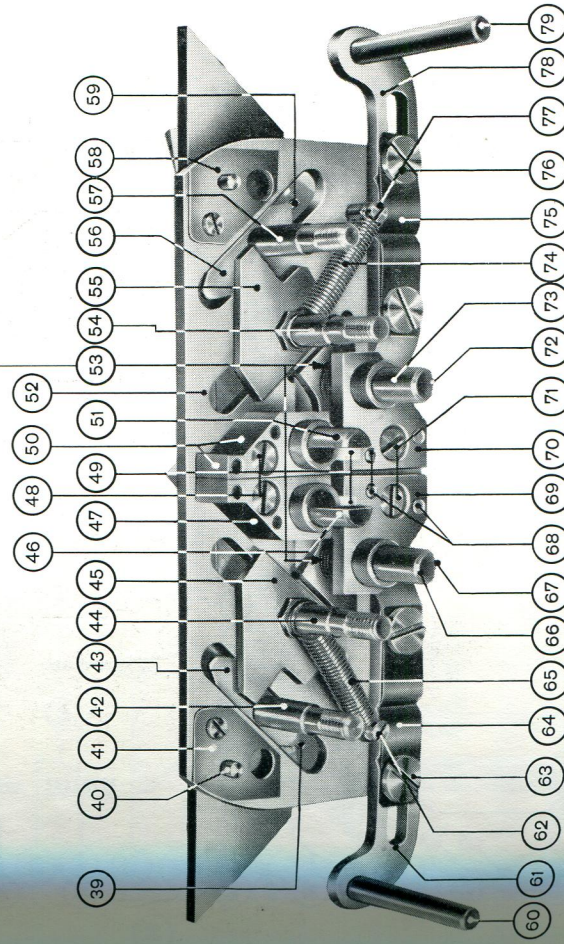
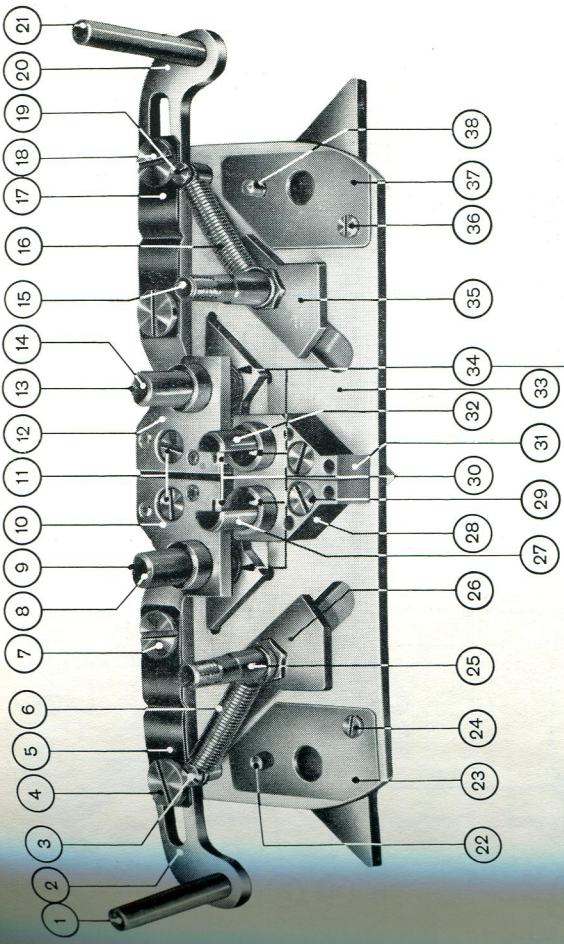


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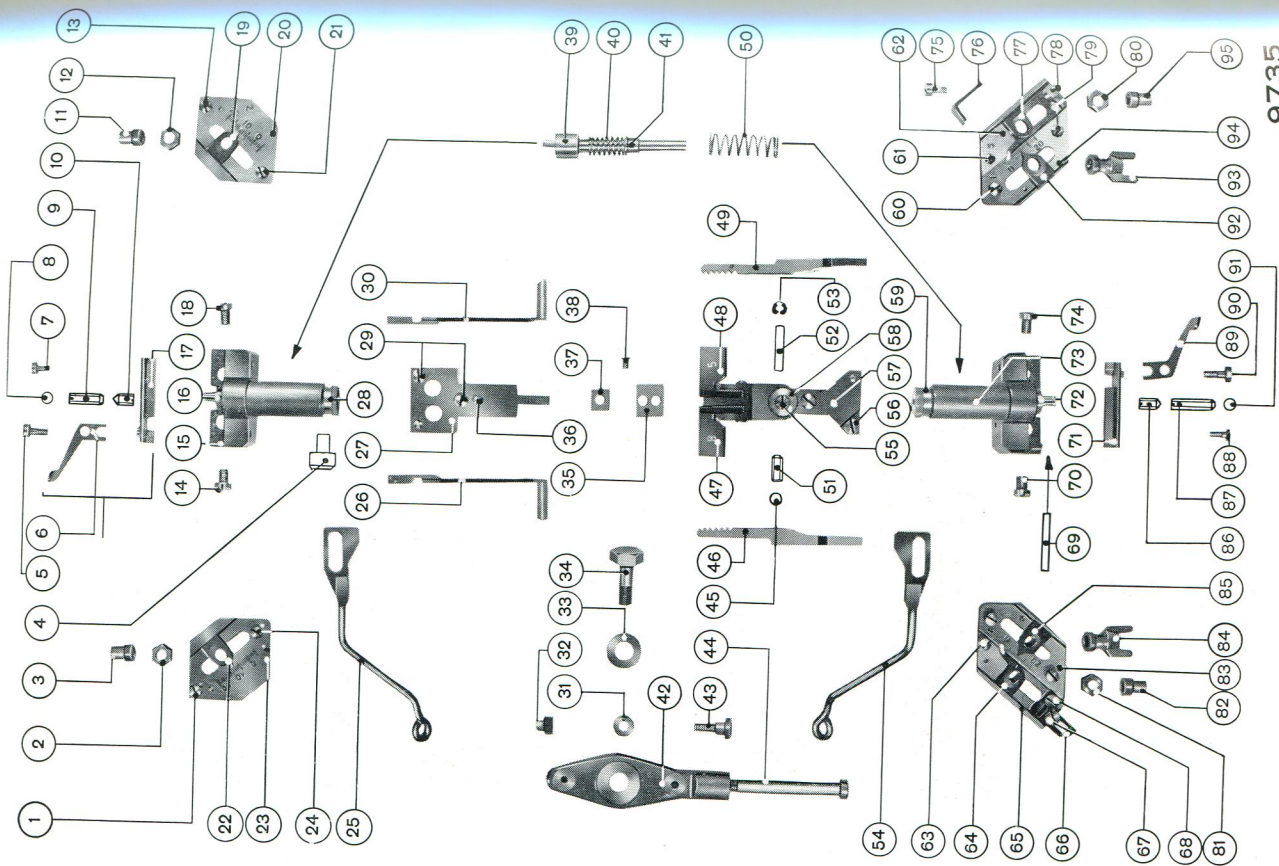
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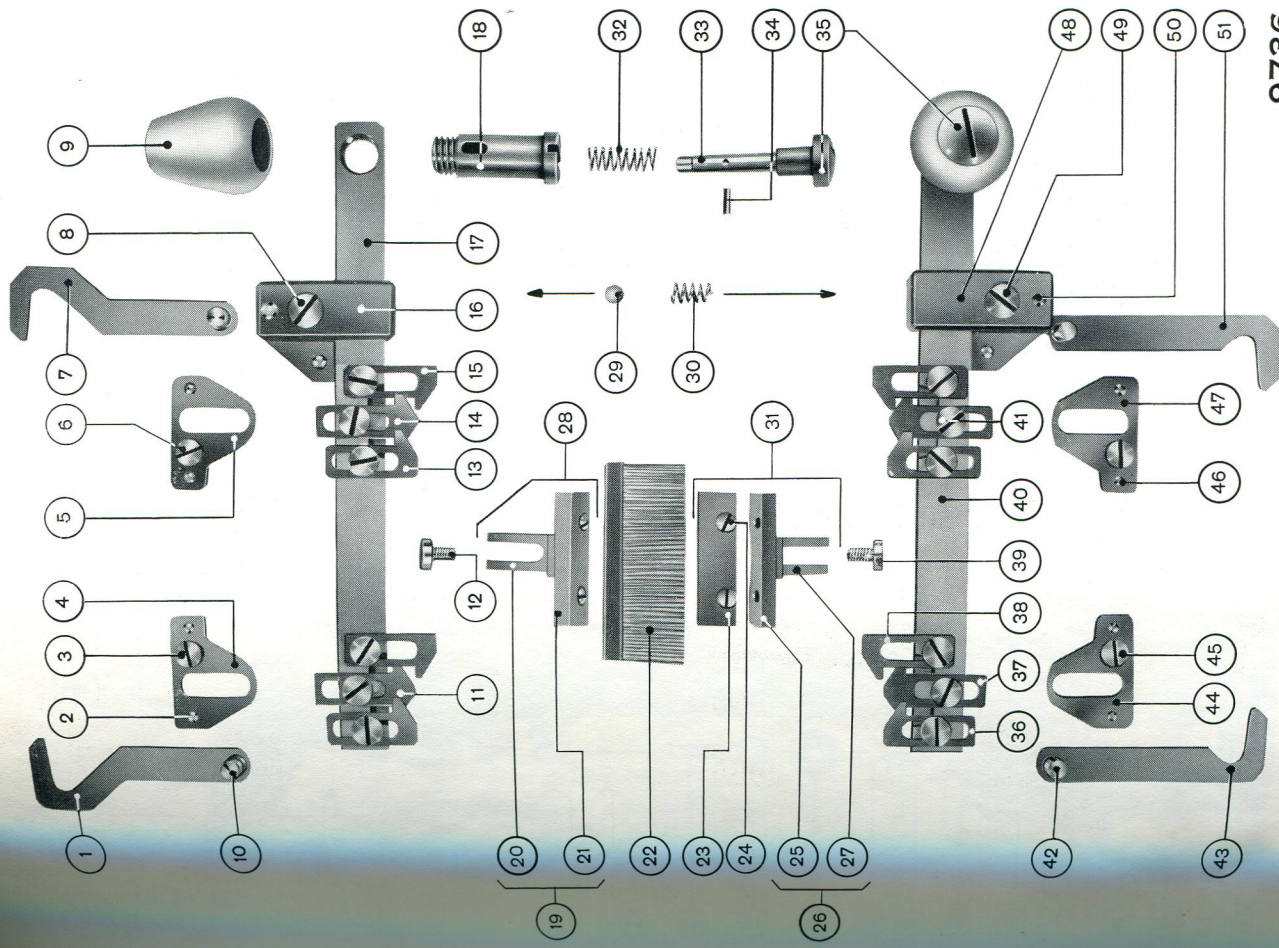
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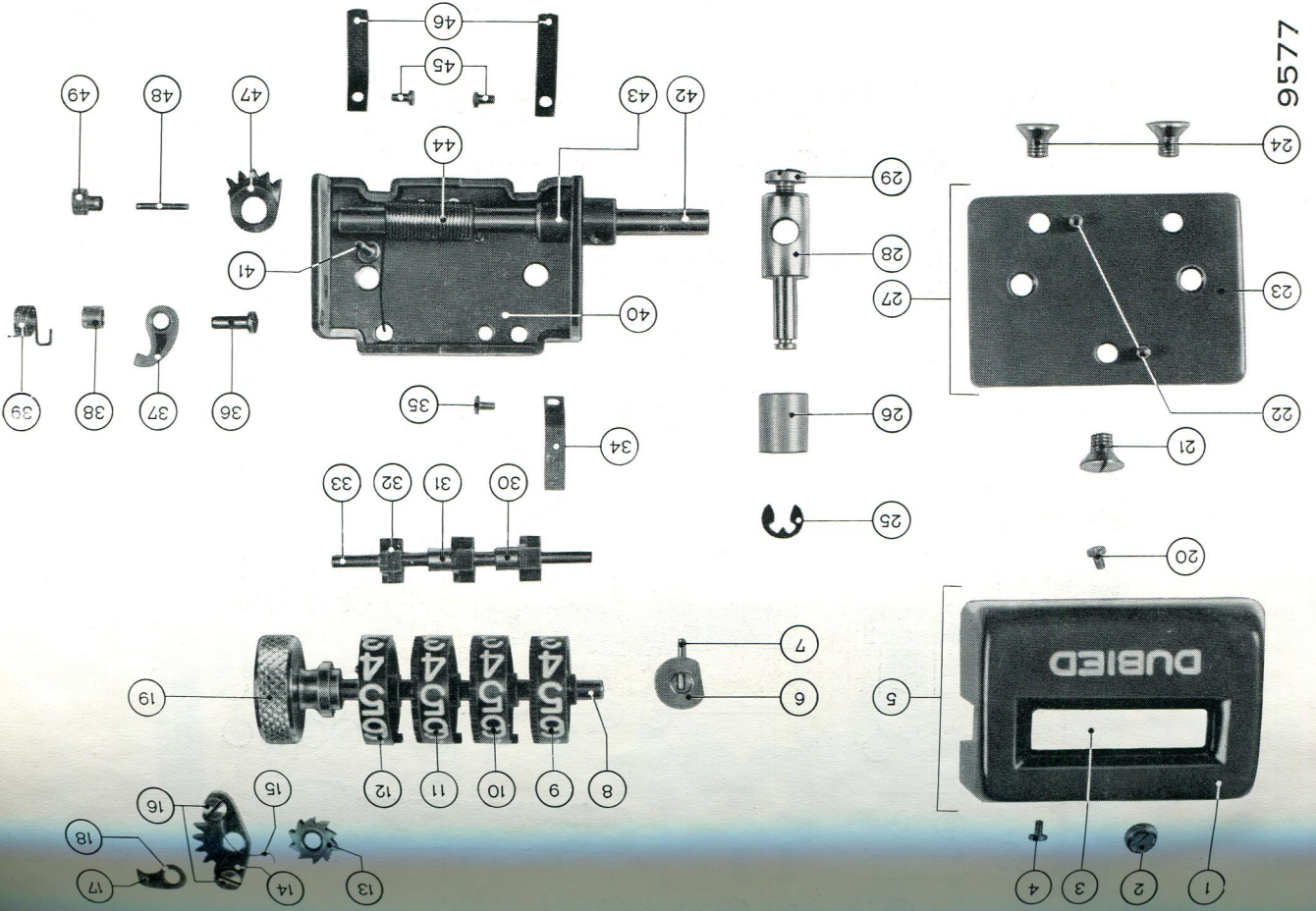
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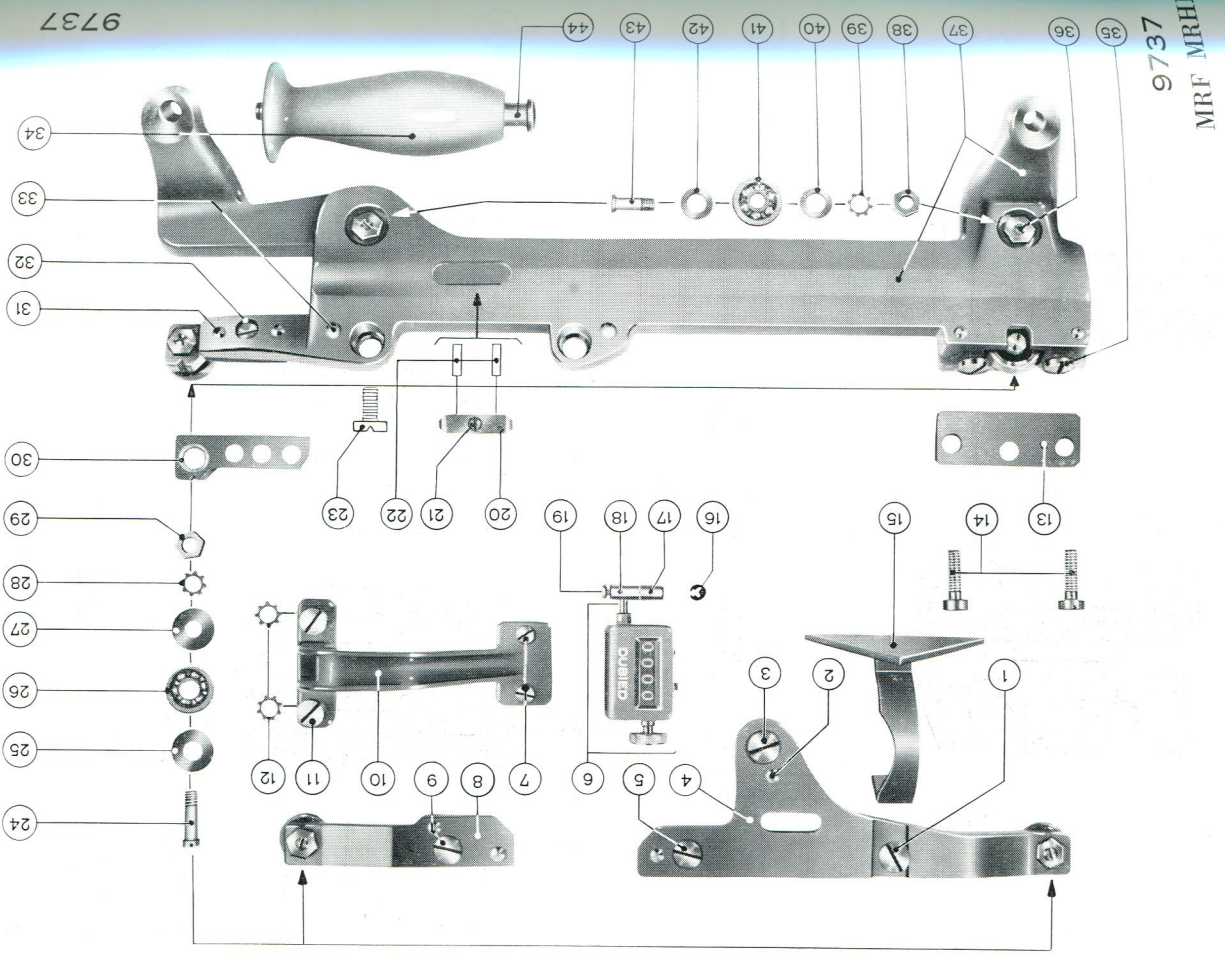
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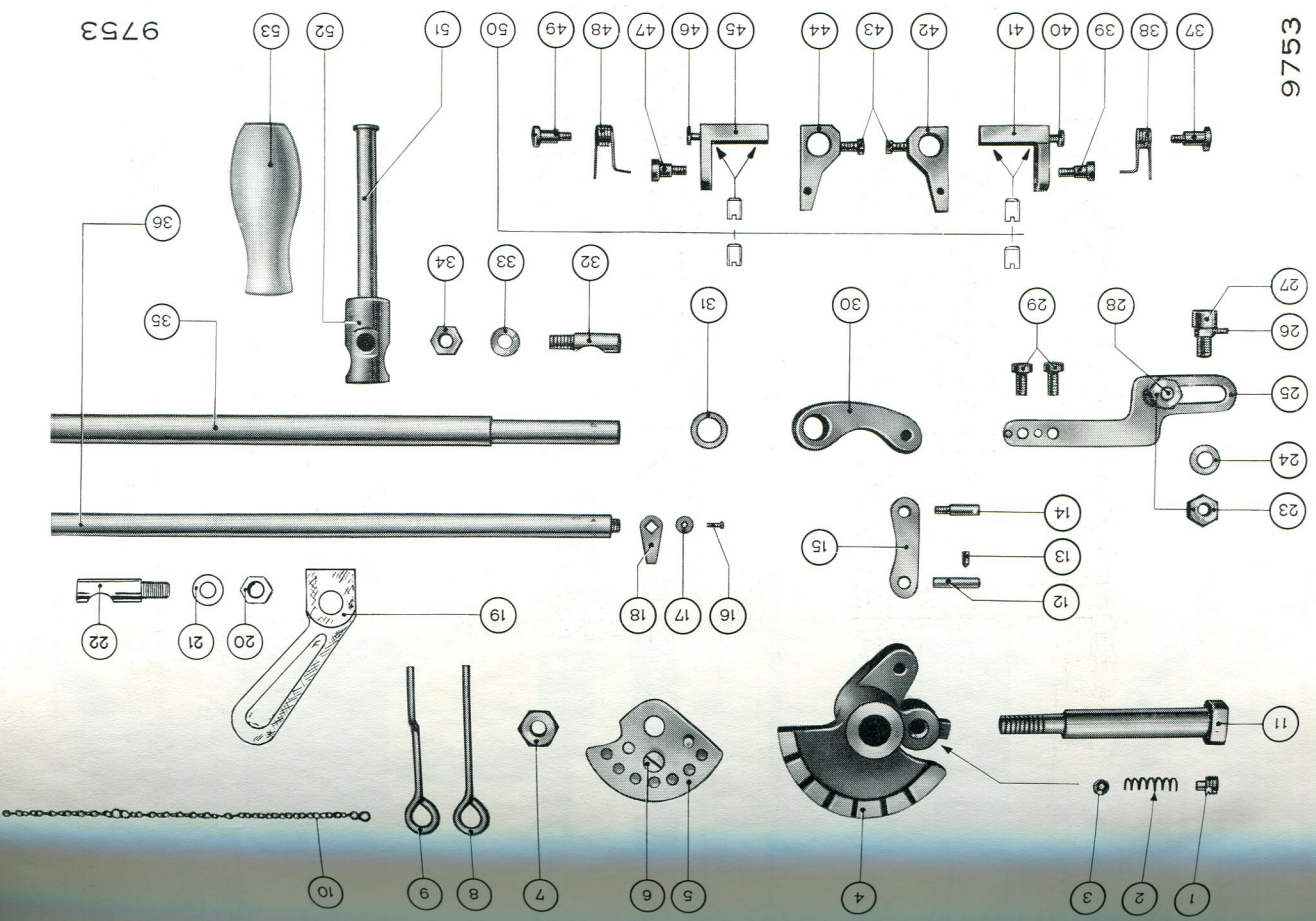
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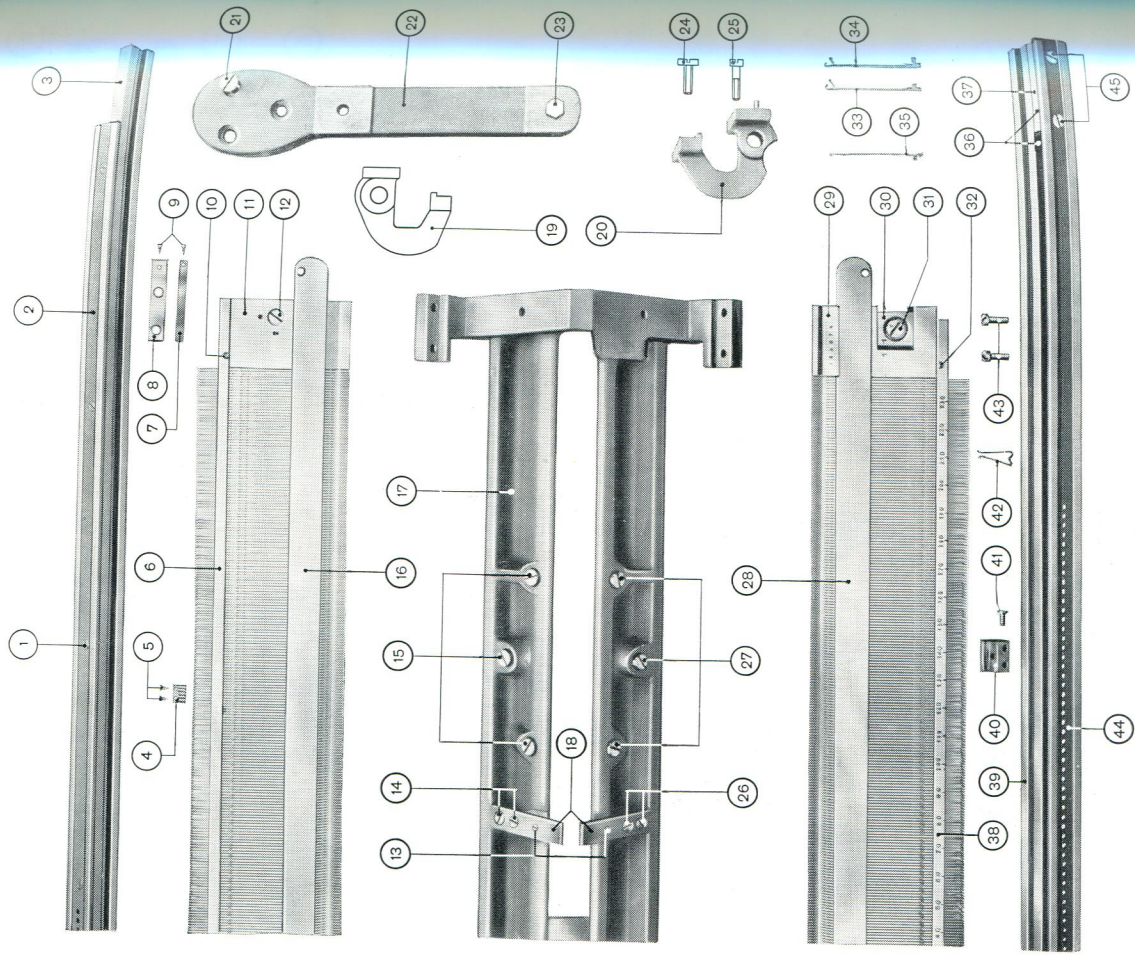
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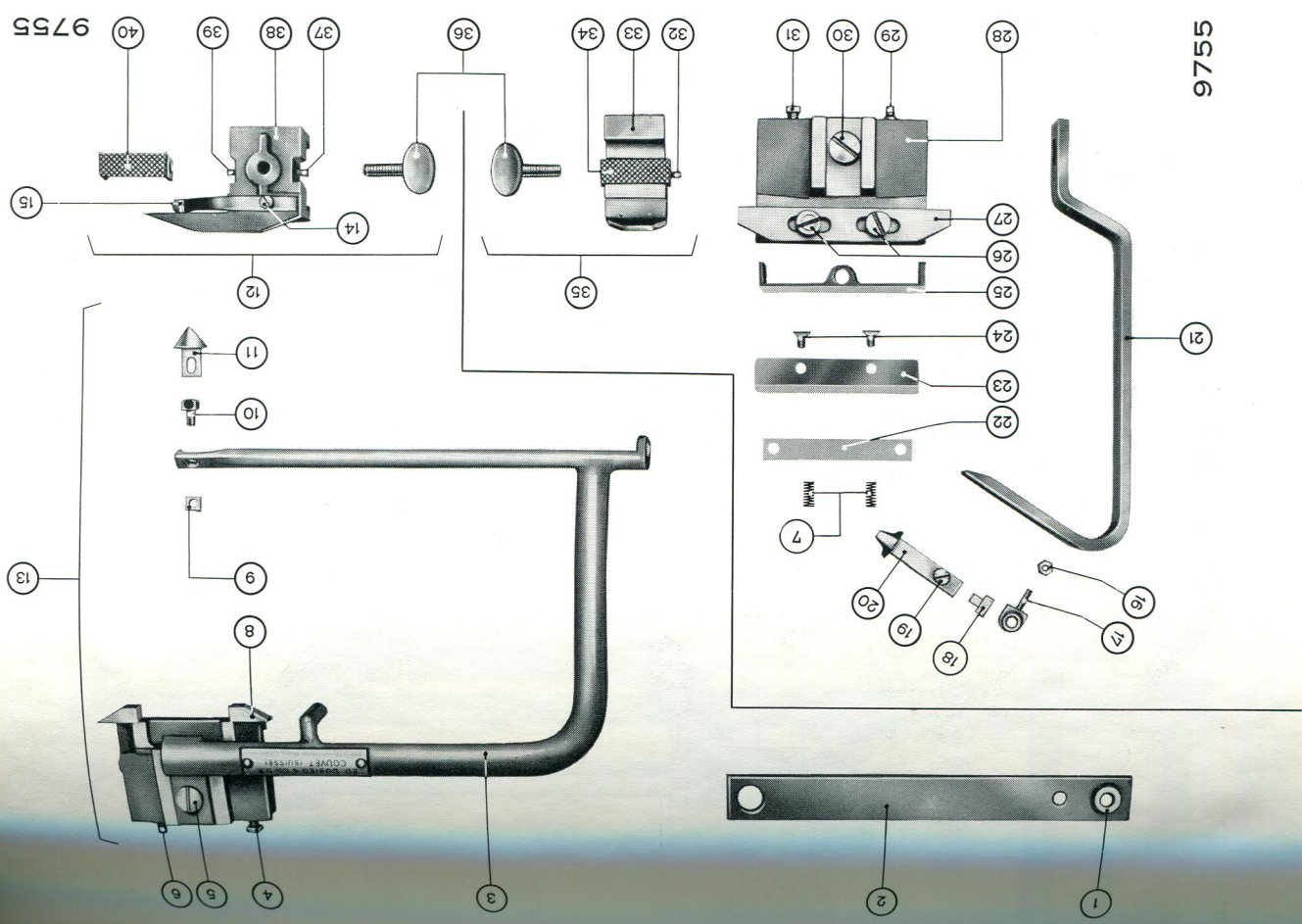
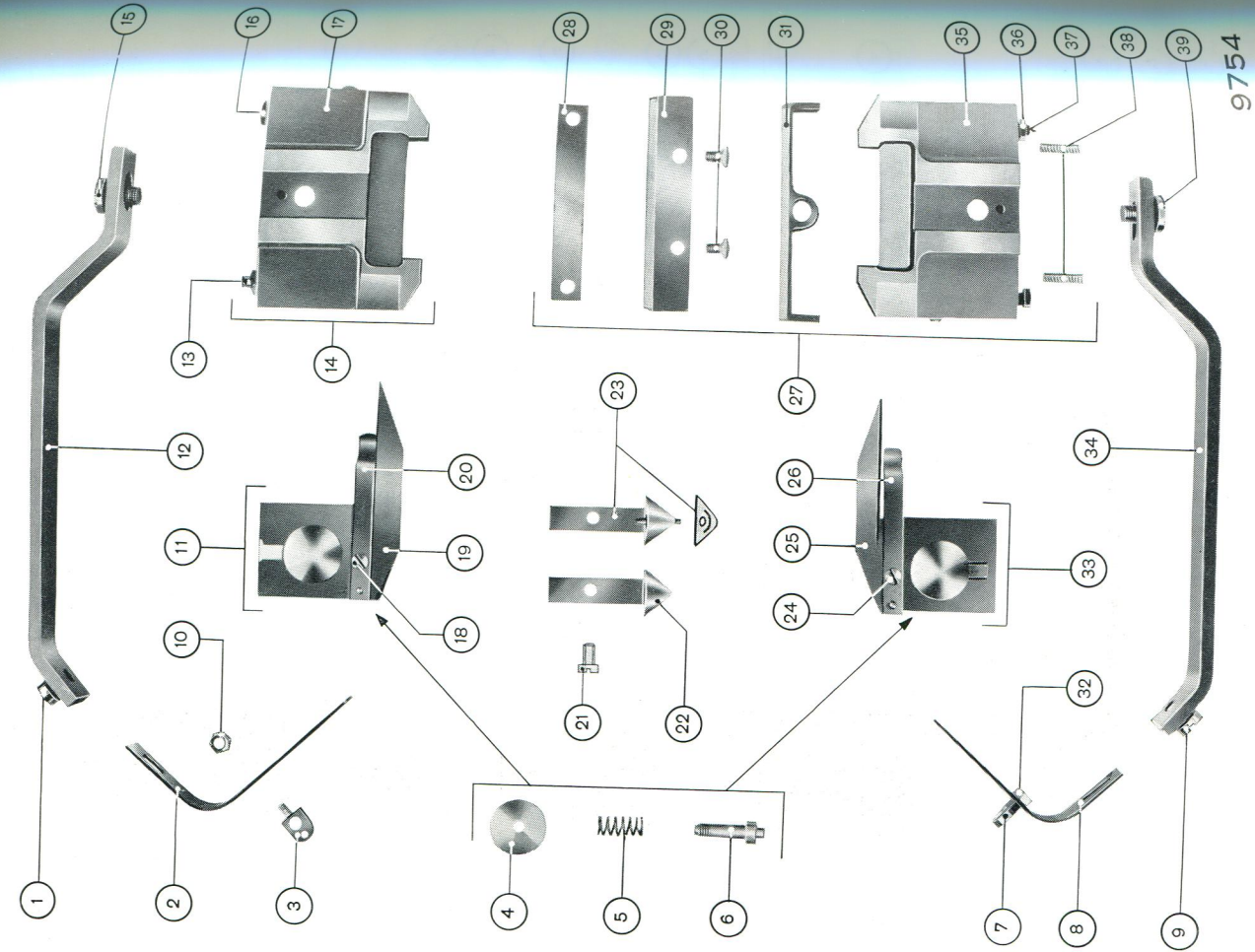
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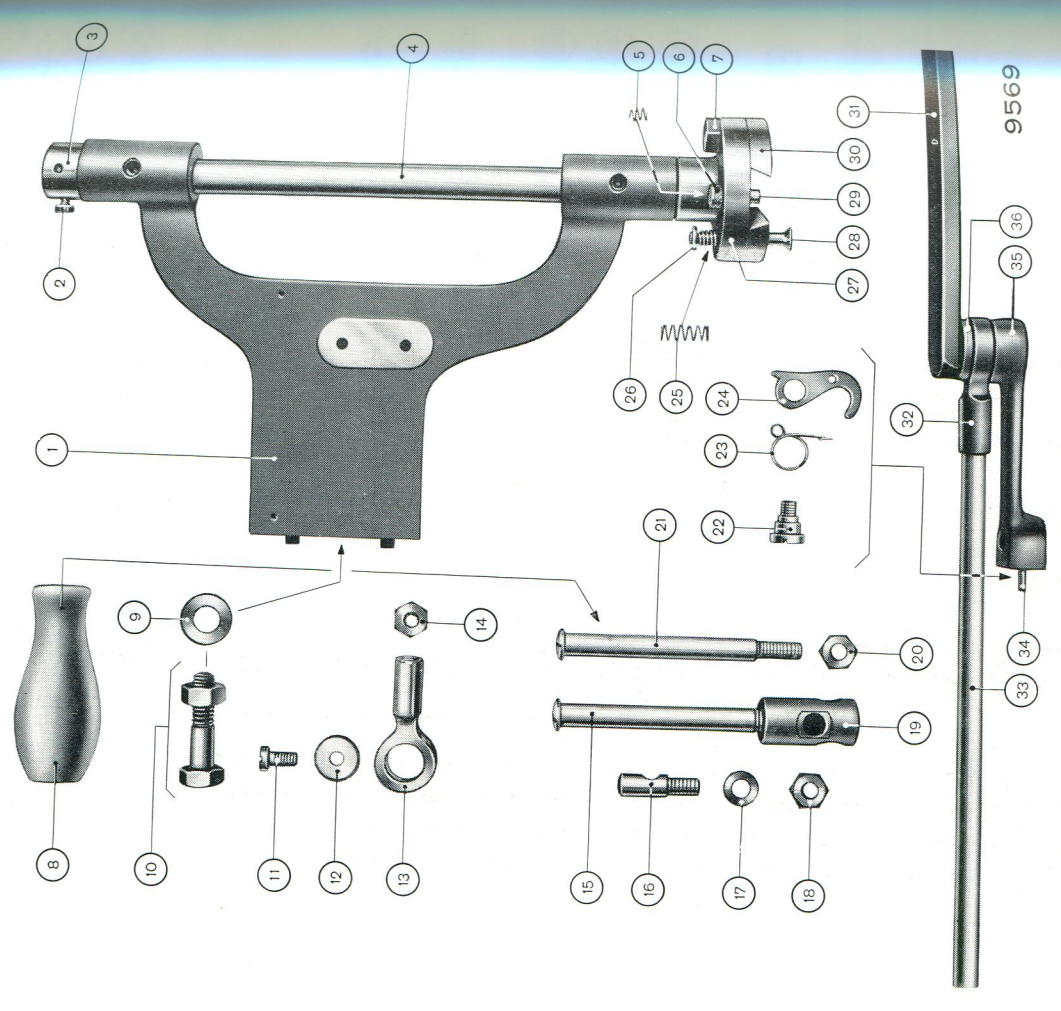
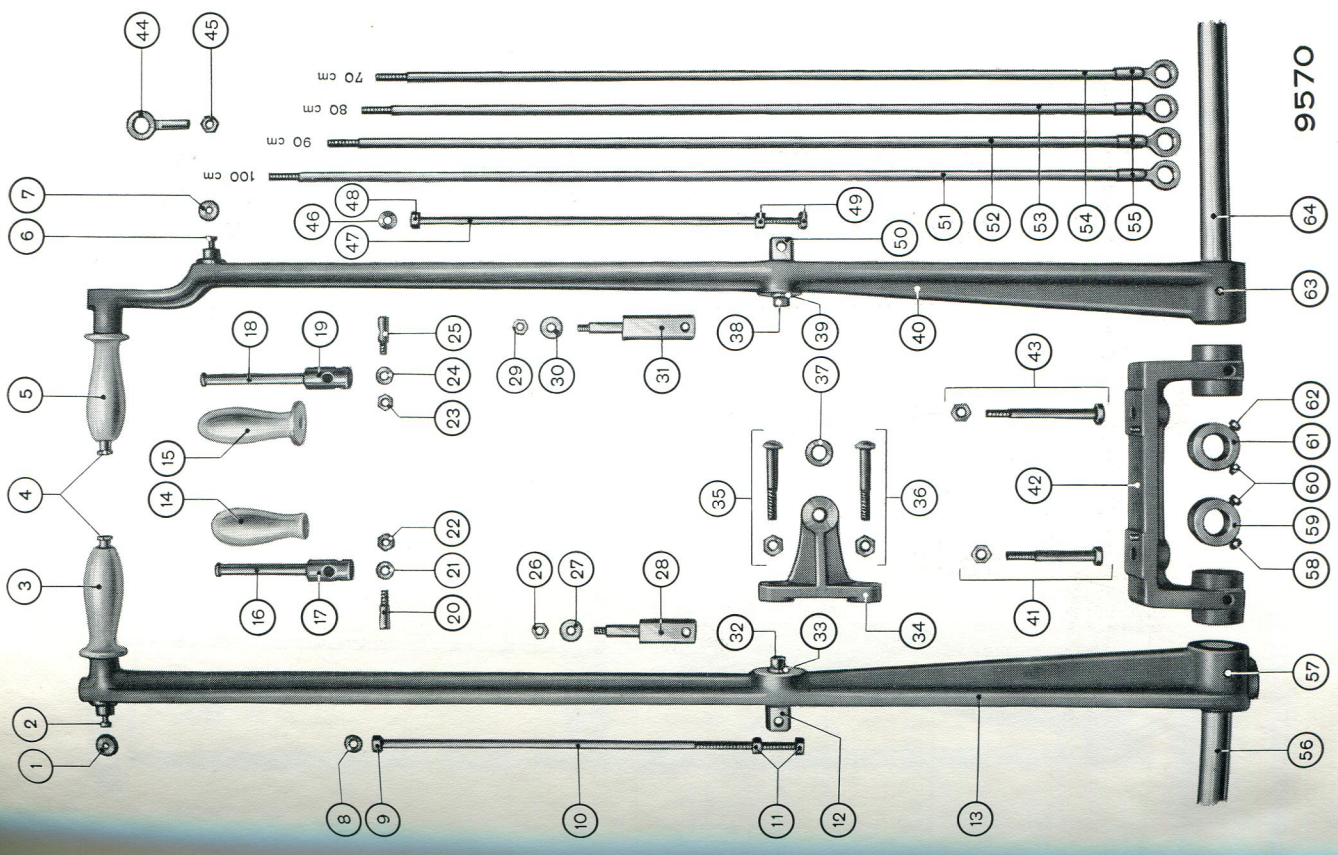


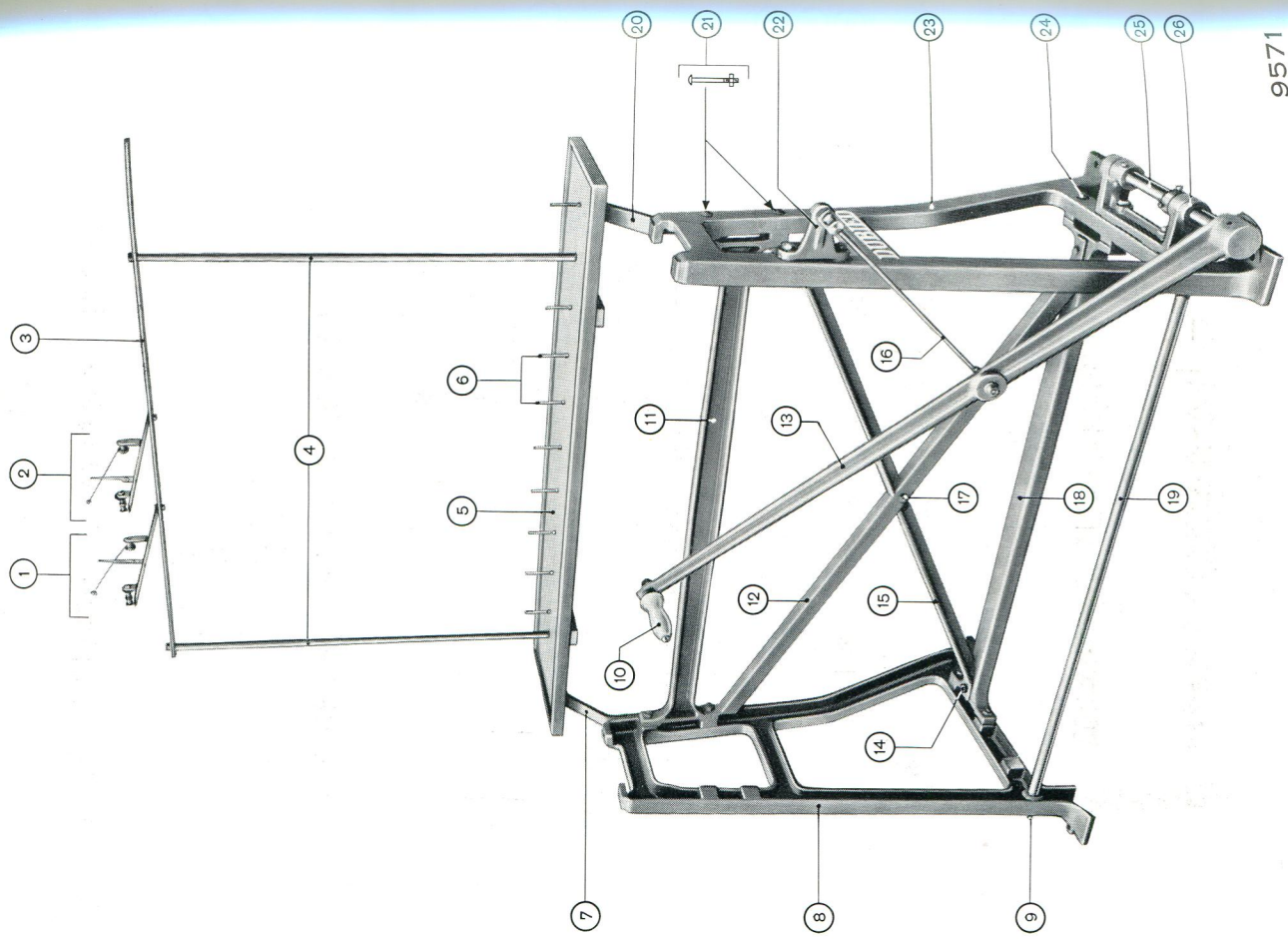
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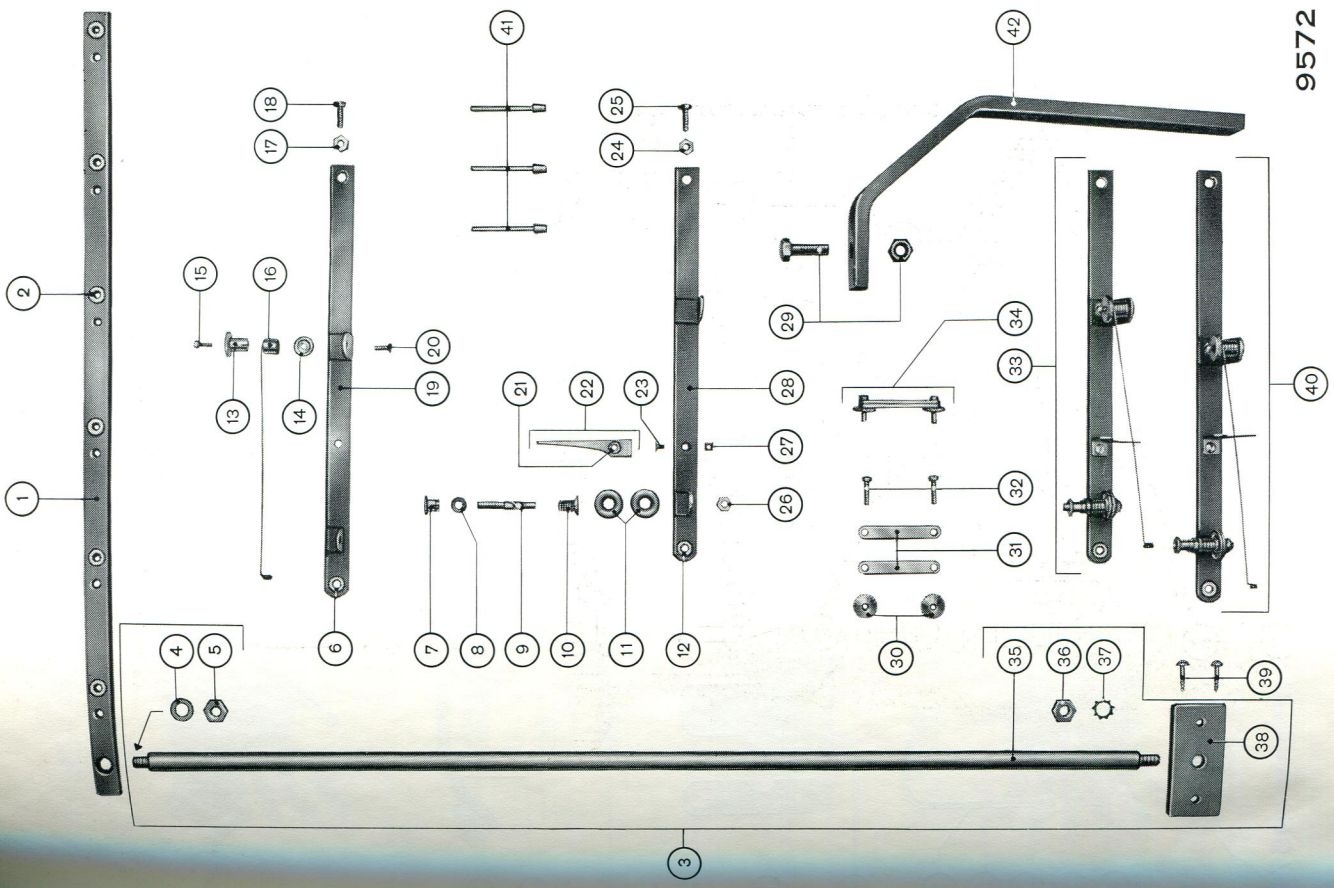




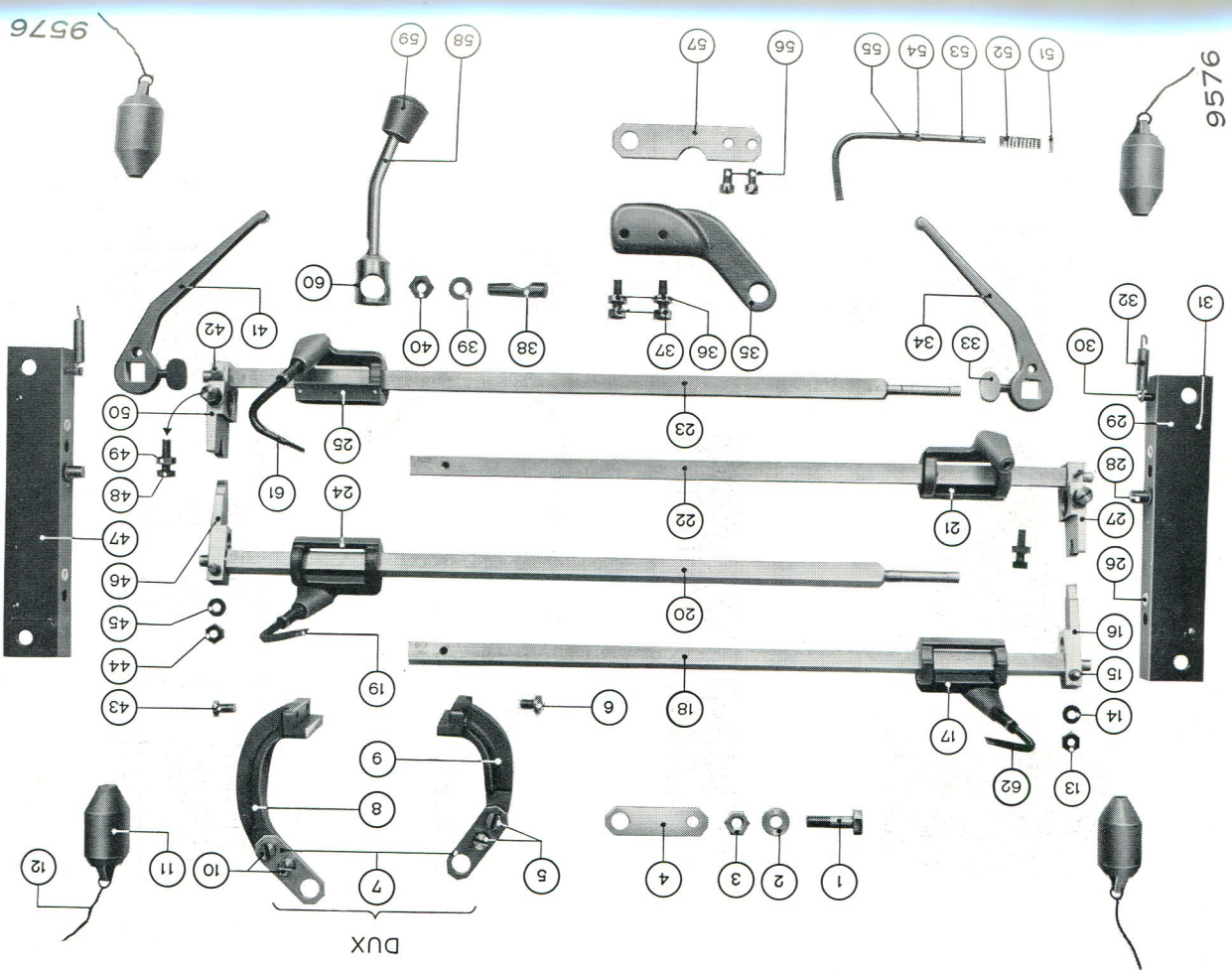
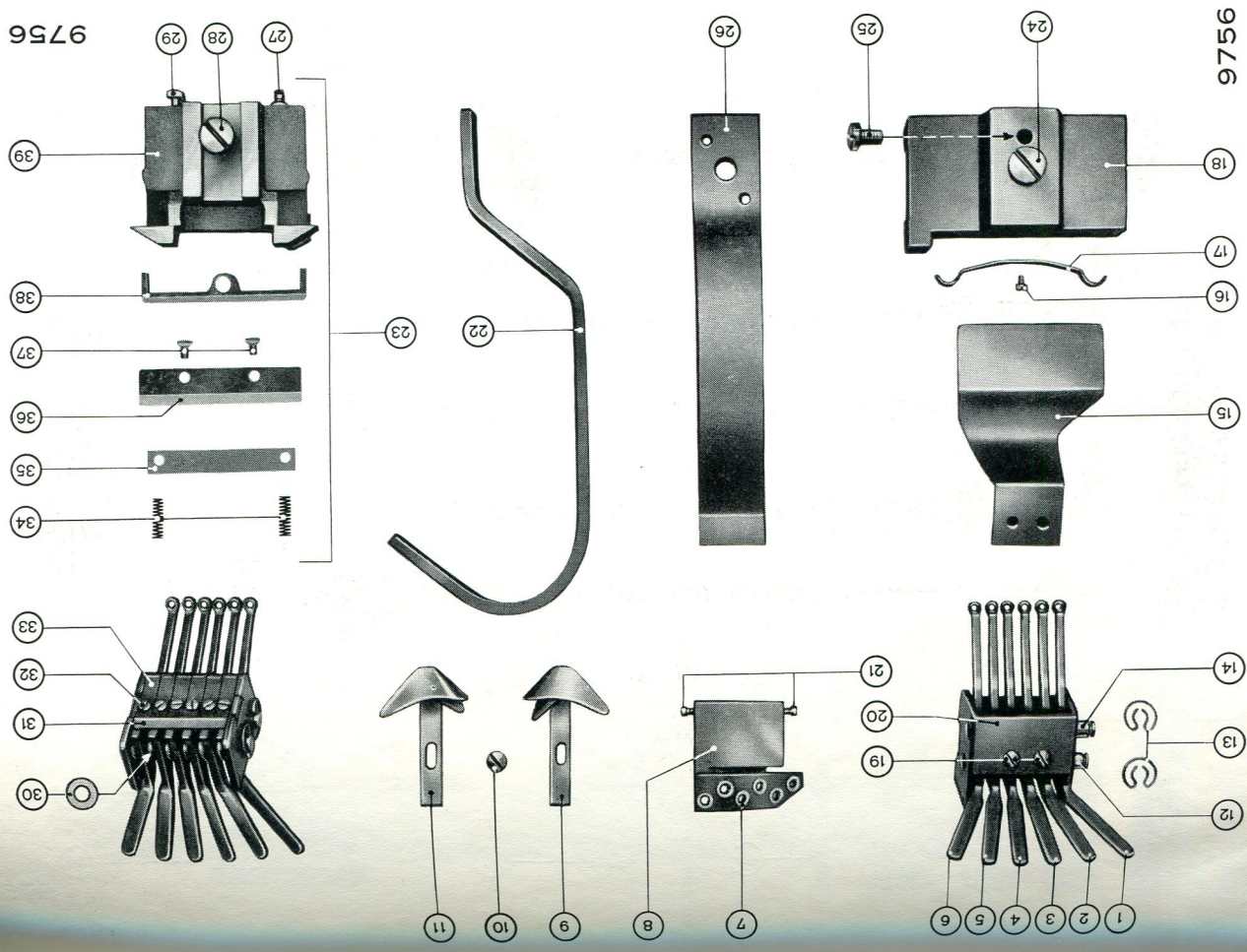


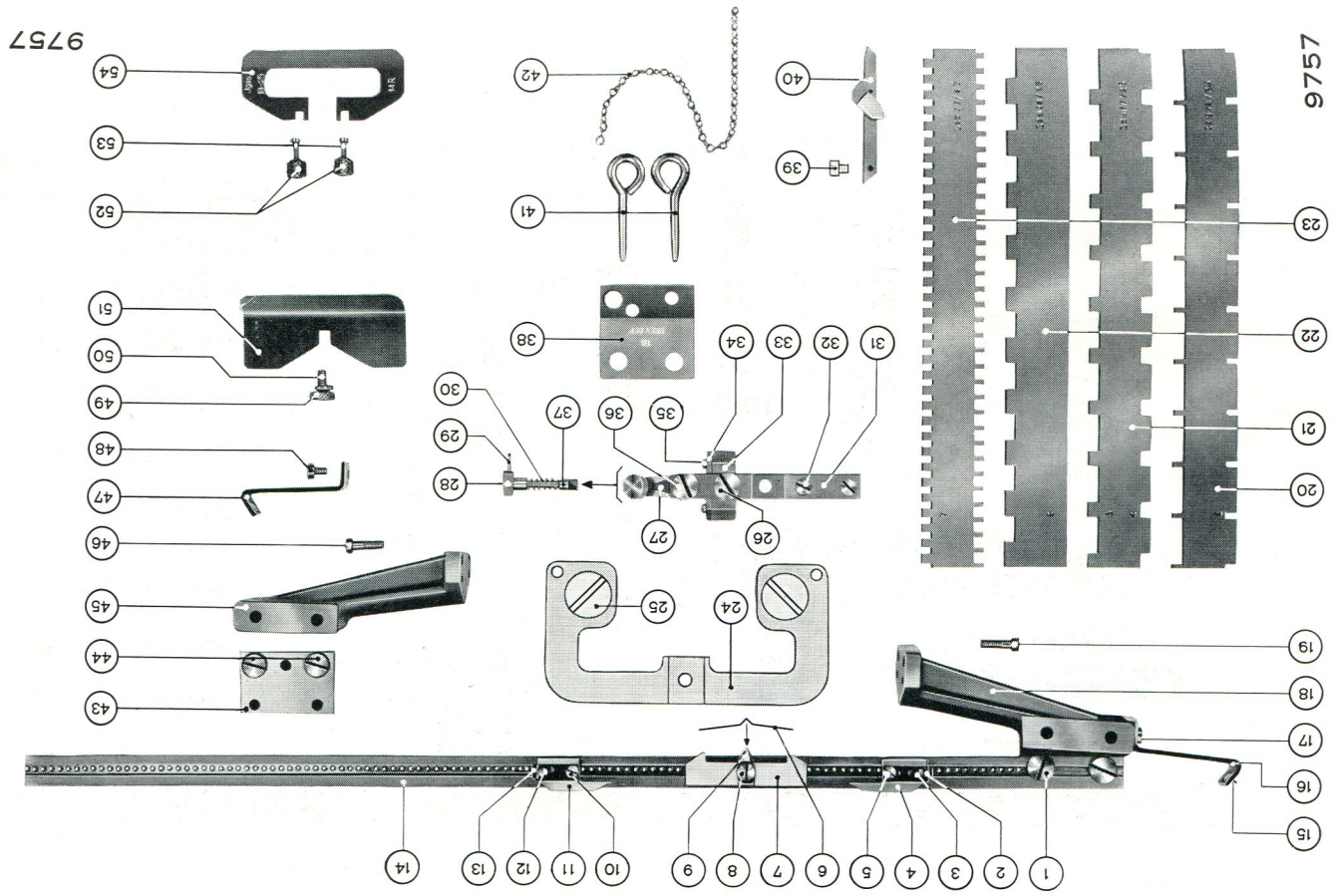
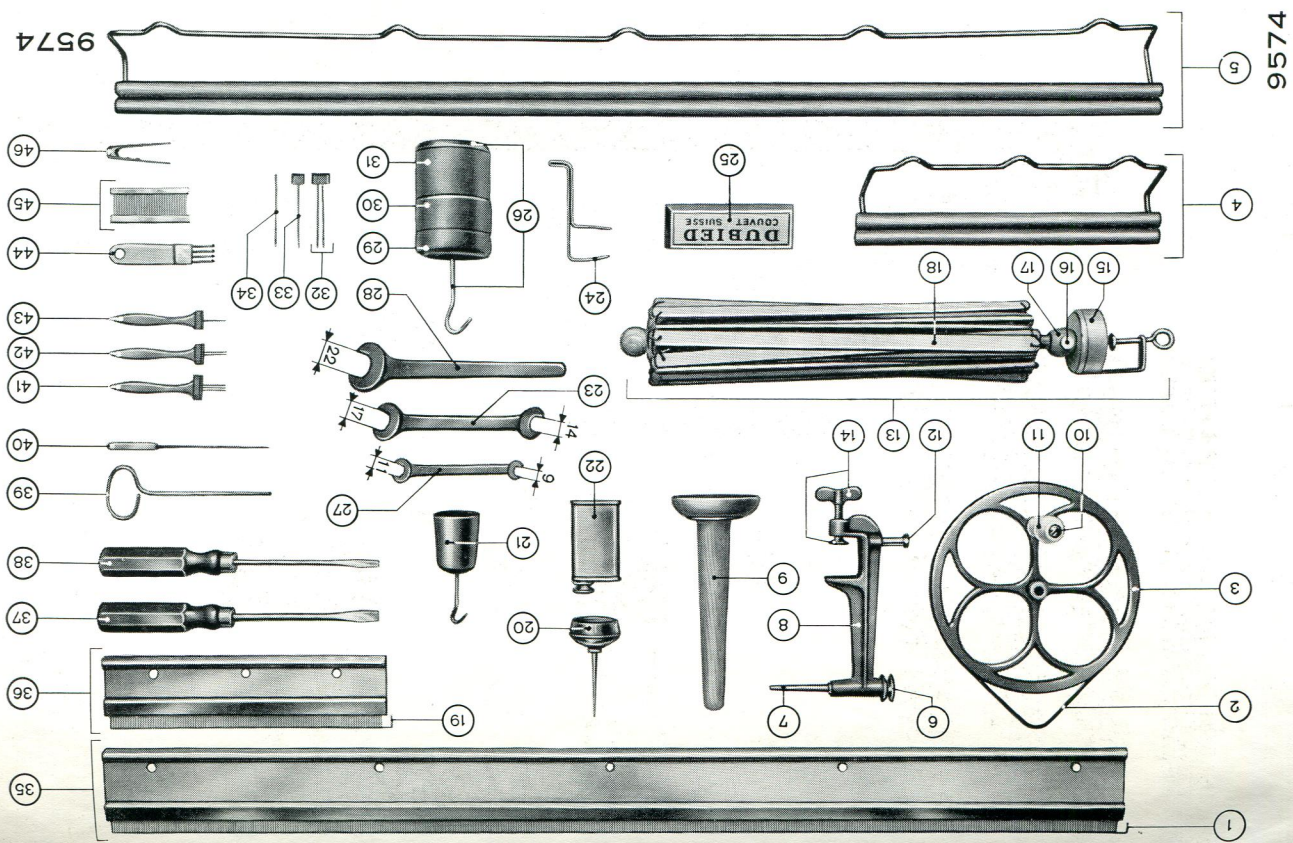


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DUBIED hand knitting machines

are hard wearing, accurate and versatile. They can be operated by handle drive, balance lever motion or by handles fitted on the carriage.

Professional knitters can fit their hand machines with power drives.

The most important types of hand knitting machines are as follows :

MR for all classical stitches, fully-fashioned articles, articles in jersey and rib fabrics.

MRH similar to MR but with high and low butt needles, thus making it possible to have the needles set for the knitting of a rib.

MRF with cardigan cams specially designed for the quick setting of cardigan, half cardigan or tuck stitches.

MRHF similar to MRF but with high and low butt needles.

Whatever type of hand machines you may choose, make sure that it will be a

DUBIED

high quality machine

Important remarks

1. GUARANTEE.

We beg to remind you that the guarantee given with our machines states clearly : *that we decline every responsibility in case one uses on our machines spare parts, needles etc., which are not of Dubied manufacture.*

2. EXTRACT FROM THE SALE CONDITIONS.

The transport expenses, postages, etc., are always to be paid by our customers. The packing of spare parts is generally included in the prices : in case it is necessary to have a special packing, same may be invoiced separately.

3. ADDRESS AND SHIPMENT MODUS.

We beg to ask our customers to always indicate very clearly their address and to tell us the shipment modus they wish us to apply. Where such indications are missing, we reserve ourselves the right to choose ourselves the route and method of despatch.

4. PRICE.

We always invoice at the lowest possible prices and according to the tariff in force on receipt of the order.

5. PLATES INDICATED IN OUR CATALOGUES.

The parts which are shown in our catalogues are understood to be approximate representations and are given only as an indication.