

MECCANO®

MANUEL D'INSTRUCTIONS

4

PIÈCES DÉTACHÉES MECCANO



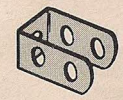
- BANDES**
- 5 - 25 trous 32 cm
 - 1a - 19 trous 24 cm
 - 1b - 15 trous 19 cm
 - 2 - 11 trous 14 cm
 - 2a - 9 trous 11,5 cm
 - 6 - 7 trous 9 cm
 - 4 - 6 trous 7,5 cm
 - 5 - 5 trous 6 cm
 - 6 - Bande spéciale 5 trous 5 cm
 - 6a - 3 trous 4 cm



- CORNIÈRES**
- 7 - 49 trous 62 cm
 - 7a - 37 trous 47 cm
 - 8 - 25 trous 32 cm
 - 8a - 19 trous 24 cm
 - 8b - 15 trous 19 cm
 - 9 - 11 trous 14 cm
 - 9a - 9 trous 11,5 cm
 - 9b - 7 trous 9 cm
 - 9c - 6 trous 7,5 cm
 - 9d - 5 trous 6 cm
 - 9e - 4 trous 5 cm
 - 9f - 3 trous 4 cm



- SUPPORT PLAT**
10
- SUPPORT DOUBLE**
11 - 12 x 12 mm



- SUPPORT DOUBLE**
11a - 12 x 25 mm



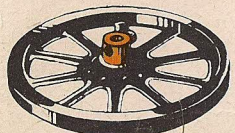
- EQUERRES**
12 - 13 x 10 mm
12a - 25 x 25 mm
12b - 25 x 12 mm



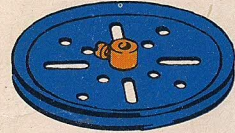
- EQUERRE A 135°**
12c - 13 x 10 mm



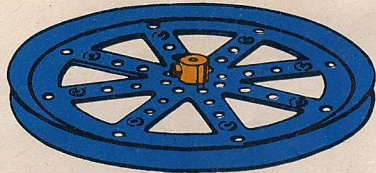
- TRINGLES**
- 13 - Long. 29 cm
 - 13a - Long. 20 cm
 - 14 - Long. 16,5 cm
 - 14a - Long. 14 cm
 - 15 - Long. 13 cm
 - 15a - Long. 11,5 cm
 - 15b - Long. 10 cm
 - 16 - Long. 9 cm
 - 16a - Long. 6 cm
 - 16b - Long. 7,5 cm
 - 17 - Long. 5 cm
 - 18 - Long. 4 cm
 - 18a - Long. 4 cm
 - 18b - Long. 2,5 cm



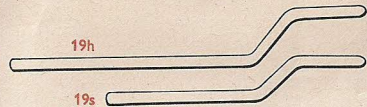
- ROUE A MOYEU**
19a - Diam. 75 mm



- POULIES**
19b - A moyeu, diam. 75 mm
20a - A moyeu, diam. 5 cm



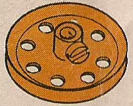
- POULIE**
19c - A moyeu, diam. 15 cm



- MANIVELLES**
19h - 125 mm
19s - (petite) 9 cm



- ROUES A BOUDIN**
20 - Diam. 28 mm 20b - Diam. 19 mm



- POULIE**
21 - A moyeu, diam. 38 mm



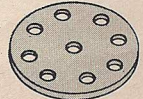
- POULIE**
22 - A moyeu, diam. 25 mm



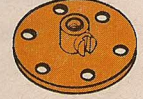
- POULIES**
22a - Sans moyeu, 25 mm 23a - A moyeu, 12 mm
23b - Sans moyeu, 12 mm



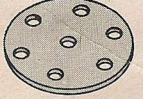
- ROUE BARILLET**
24 - 8 trous diam. 34 mm



- DISQUE**
24a - 8 trous diam. 35 mm



- ROUE BARILLET**
24b - 6 trous diam. 34 mm



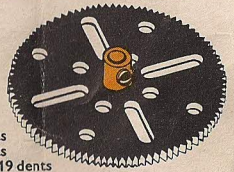
- DISQUE**
24c - 6 trous diam. 35 mm



- PIGNONS**
- 25 - 25 dents, 19 mm, larg. 6 mm
 - 25a - 25 dents, 19 mm, larg. 13 mm
 - 25b - 25 dents, 19 mm, larg. 19 mm
 - 26 - 19 dents, 13 mm, larg. 6 mm
 - 26a - 19 dents, 13 mm, larg. 13 mm
 - 26b - 19 dents, 13 mm, larg. 19 mm
 - 26c - 15 dents, 11 mm, larg. 6 mm



- ROUES DENTEES**
- 27 - 50 dents, s'eng. av. pign. 25 dents
 - 27a - 57 dents, s'eng. av. pign. 19 dents
 - 27b - 133 dents, 9 cm, s'eng. av. pign. 19 dents
 - 27c - 95 dents, diam. 63,5 mm
 - 27d - 60 dents, s'eng. av. pign. 15 dents



- 27f ROUE DE CHAMP**
28 - 50 dents 38 mm
29 - 25 dents 19 mm



- ROUE DE CHAMP**
28 - 50 dents 38 mm
29 - 25 dents 19 mm



- PIGNON D'ANGLE**
30 - 26 dents 22 mm



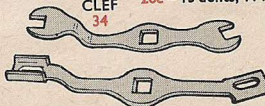
- PIGNONS D'ANGLE**
30a - 16 dents 13 mm
30c - 48 dents 39 mm
Les 30a et 30c ne peuvent être utilisés qu'ensemble.



- ROUE**
31 - Roue de 38 dents diam. 25 mm



- VIS SANS FIN**
32 - Vis sans fin diam. 12 mm



- CLEF**
34
- CLEF PORTE-ECROU**
34b



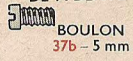
- CLAVETTE**
35



- TOURNEVIS**



- TIGE EFFILEE**
36c



- BOULON**
37b - 5 mm



- ECROU**
37a



- RONDELLES METALLIQUES**
38 - 10 mm
38d - 19 mm



- CORDE MECCANO**
40



- PALE D'HELICE**
41



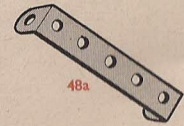
- RESSORT DE TRACTION**
43



- CHAPE**
44



- CAVALIER**
45



- BANDES COUDEES**
- 46 - 60 x 25 mm
 - 47 - 60 x 38 mm
 - 47a - 75 x 38 mm
 - 48 - 38 x 12 mm
 - 48a - 60 x 12 mm
 - 48b - 90 x 12 mm
 - 48c - 115 x 12 mm
 - 48d - 140 x 12 mm



- 50 BAGUE D'ARRET A GLISSIERE**

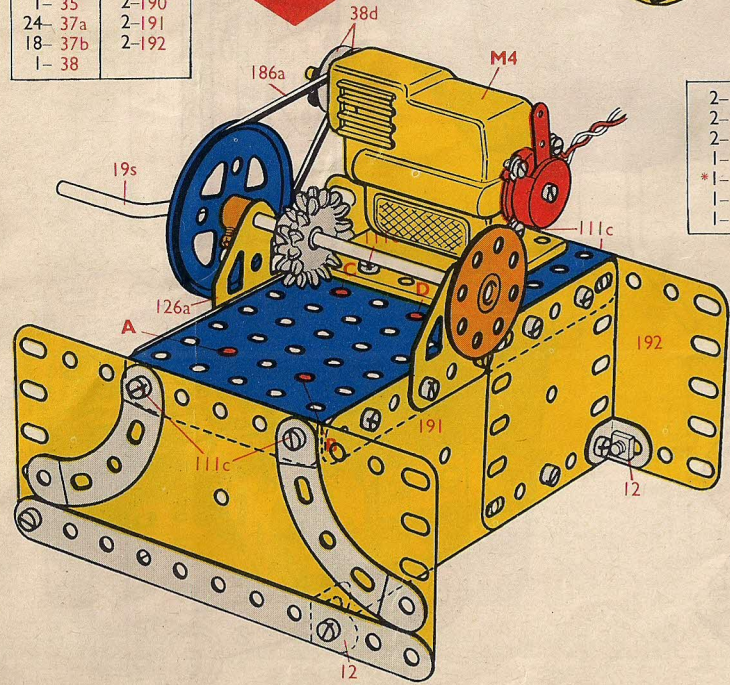
4.1.

Manège d'avions

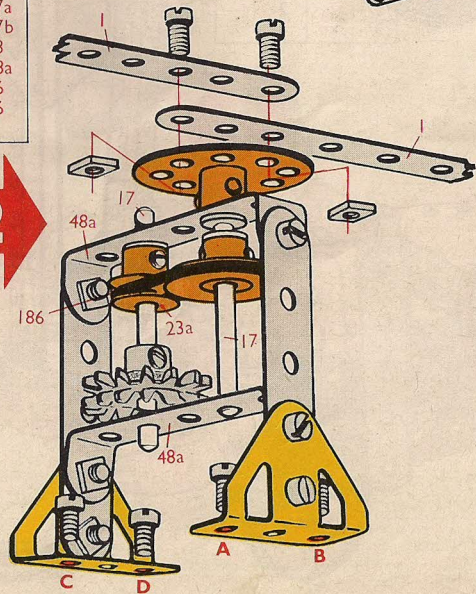
2- 1	2- 27f	2-126
6- 2	1- 35	2-126a
8- 5	61- 37a	2-155
2-10	55- 37b	1-186
2-11	5- 38	*1-186a
10-12	2- 38d	2-189
2-17	2- 48a	2-190
1-19s	1- 52	2-191
1-20a	4- 90a	2-192
1-22	6-111c	4-221
2-22a	2-125	*1-M4
*1-23a		
2-24		

*Non inclus dans la boîte

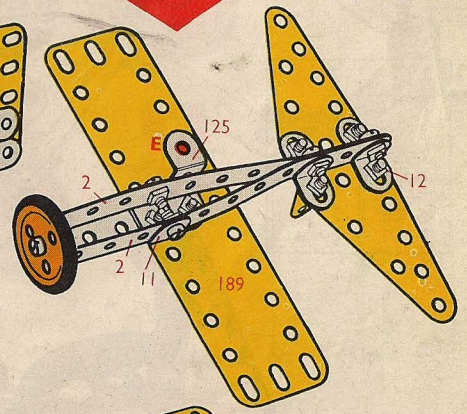
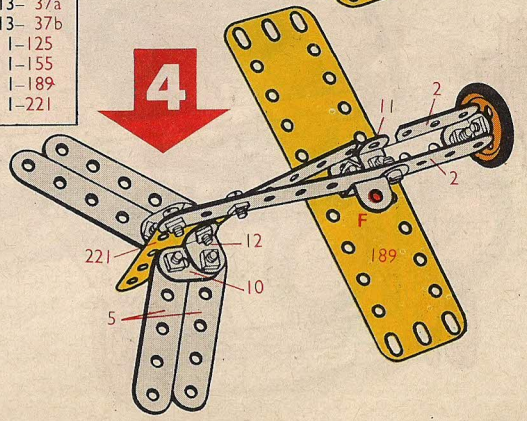
2- 2	2- 38d
2-12	1- 52
1-19s	4- 90a
1-20a	6-111c
1-24	2-126a
1-27f	*1-186a
1-35	2-190
24-37a	2-191
18-37b	2-192
1-38	



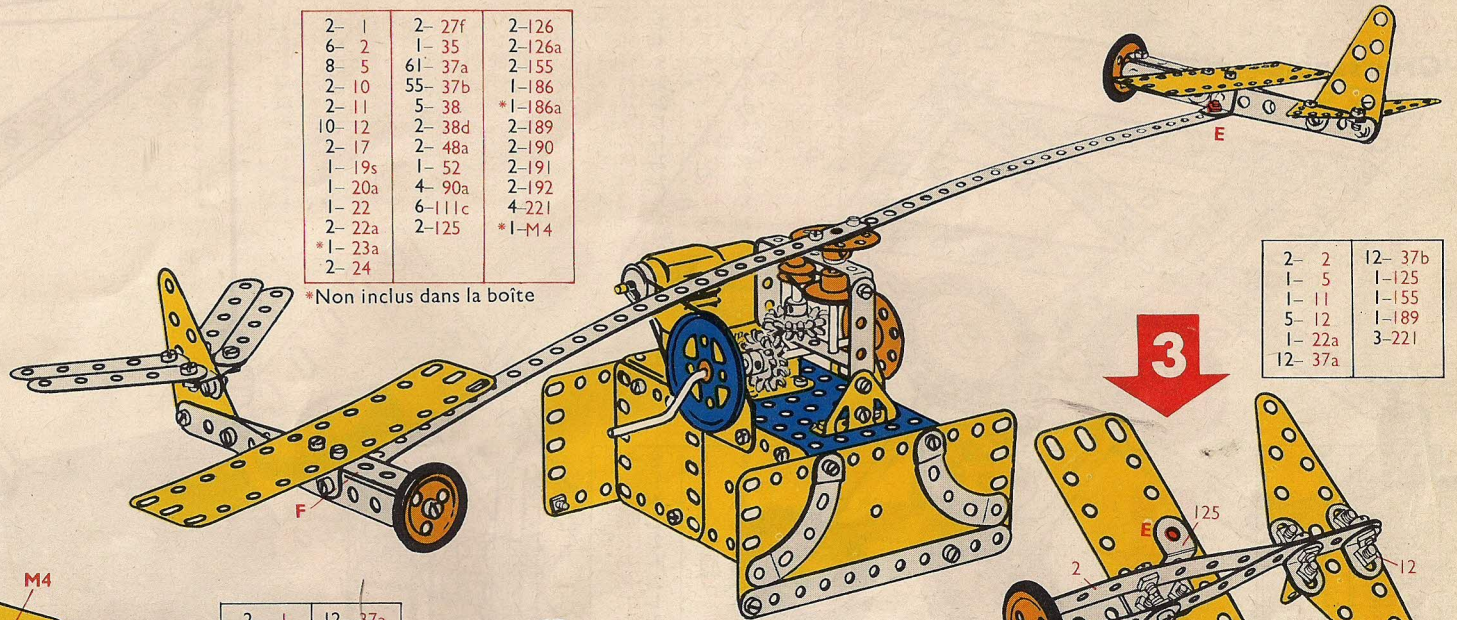
2- 1	12- 37a
2- 5	12- 37b
2-17	4- 38
1-22	2- 48a
*1-23a	2-126
1-24	*1-186
1-27f	



2- 2	12- 37b
5- 5	1-125
2-10	1-155
1-11	5-12
3-12	1-189
1-22a	3-221
13-37a	
13-37b	
1-125	
1-155	
1-189	
1-221	



2- 2	12- 37b
1- 5	1-125
1-11	1-155
5-12	1-189
1-22a	3-221
12-37a	

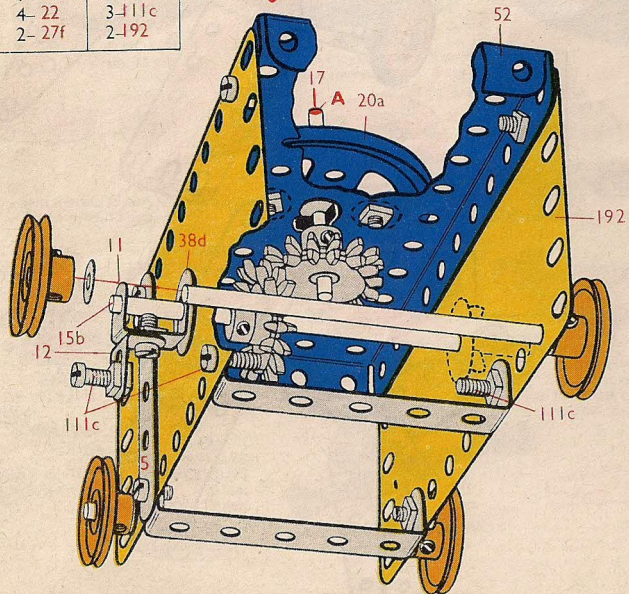


4.2.

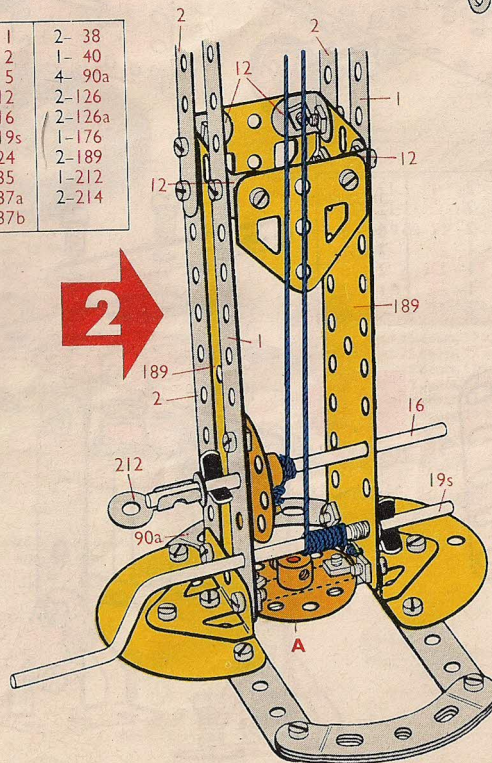
Grue sapine

2- 1	2- 22a	1- 57c
6- 2	1- 23	4- 90a
9- 5	2- 24	5- 111c
2- 11	2- 27f	2- 126
9- 12	8- 35	2- 126a
1- 15b	64- 37a	1- 176
3- 16	56- 37b	1- 188
2- 17	9- 38	2- 189
1- 18b	2- 38d	2- 192
1- 19s	1- 40	1- 212
1- 20a	2- 48a	2- 214
4- 22	1- 52	2- 221

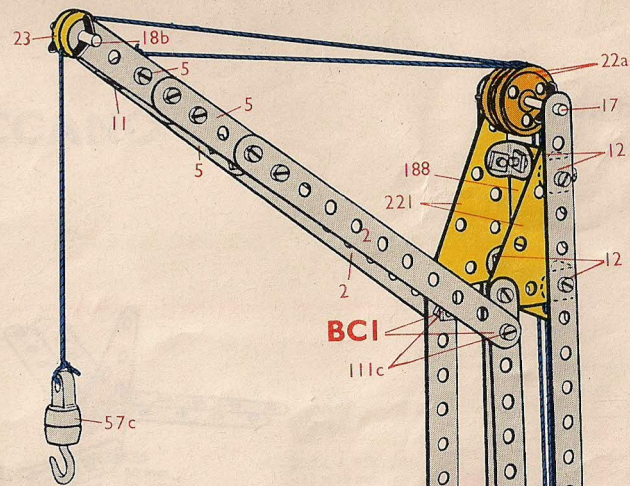
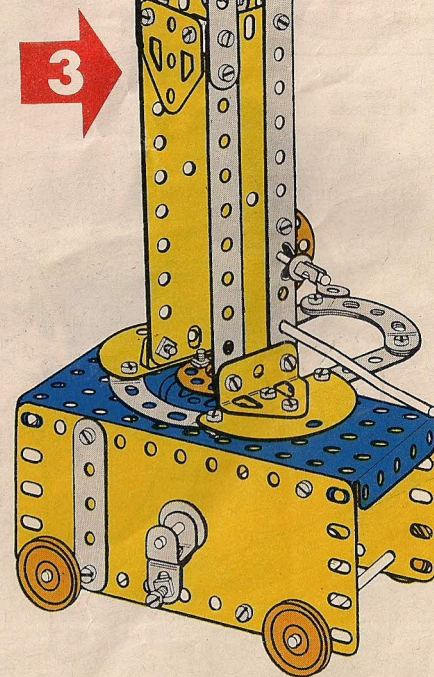
2- 5	2- 35
1- 11	13- 37a
1- 12	9- 37b
1- 15b	7- 38
2- 16	2- 38d
1- 17	2- 48a
1- 20a	1- 52
4- 22	3- 111c
2- 27f	2- 192



2- 1	2- 38
4- 2	1- 40
3- 5	4- 90a
4- 12	2- 126
1- 16	2- 126a
1- 19s	1- 176
2- 24	2- 189
2- 35	1- 212
27- 37a	2- 214
27- 37b	



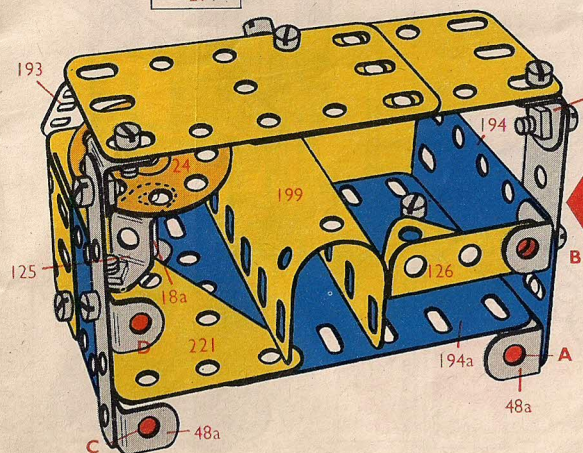
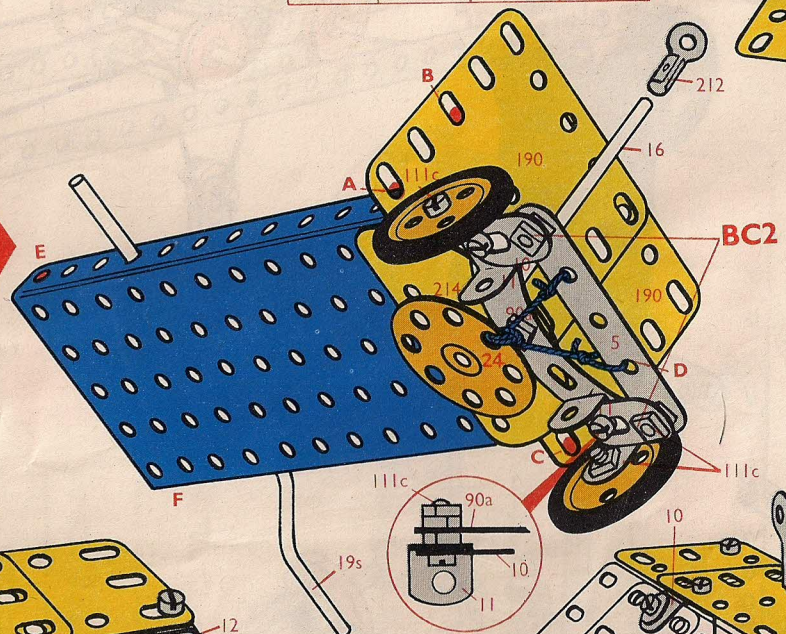
2- 2
4- 5
1- 11
4- 12
1- 17
1- 18b
2- 22a
1- 23
4- 35
24- 37a
20- 37
1- 57c
2- 111c
1- 188
2- 221



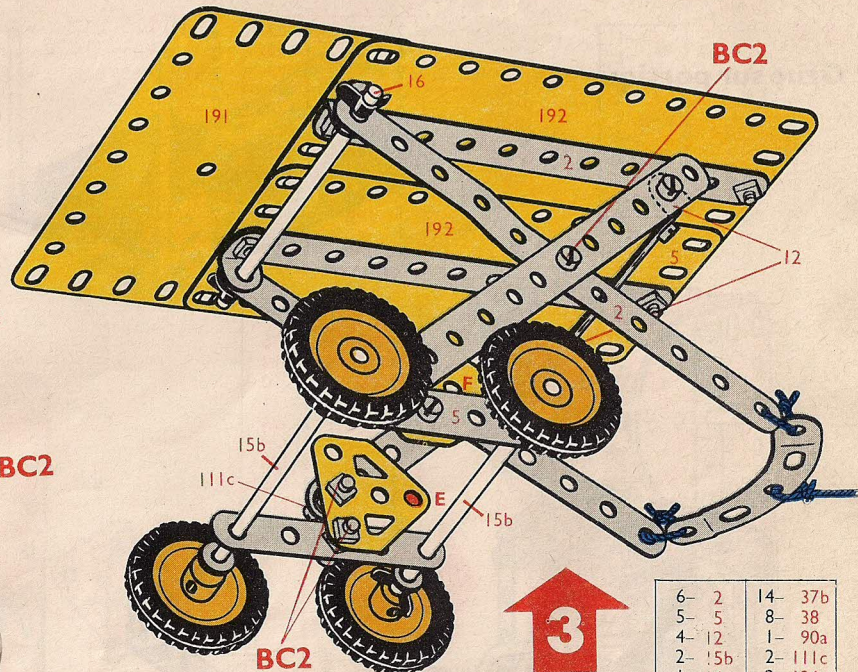
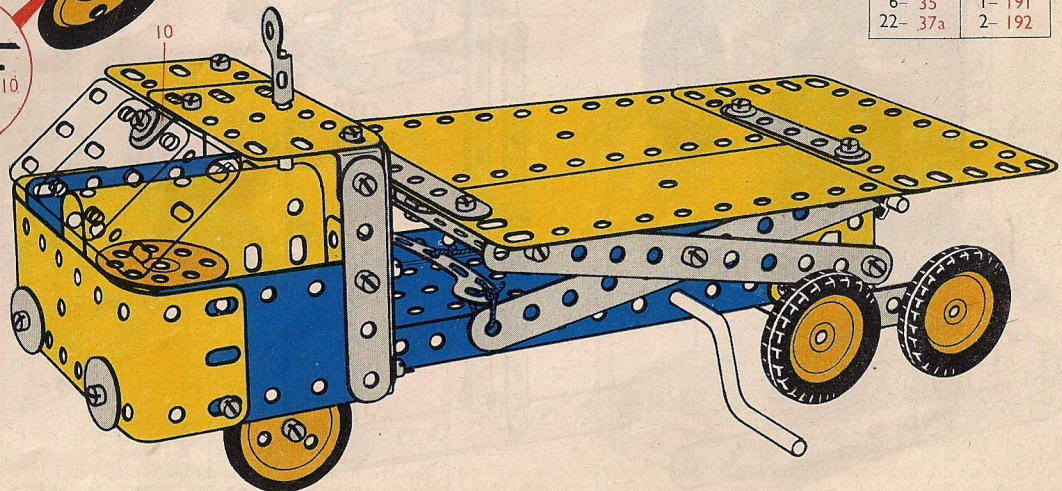
4.3. Camion à plateau éleveur

6- 2	2- 22a	2- 90a	1-191
8- 5	2- 24	6-111c	2-192
4-10	6- 35	1-125	2-193
2-11	57- 37a	2-126	2-194
10-12	39- 37b	2-126a	1-194a
2-15b	9- 38	4-142c	1-199
2-16	2- 38d	2-155	1-212
1-18a	1- 40	2-188	1-214
1-19s	2- 48a	1-189	1-221
4-22	1- 52	2-190	

1- 5
2-10
2-11
1-16
1-19s
2-22a
1-24
18- 37a
6- 37b
1-40
1-52
1-90a
4-111c
2-155
1-176
2-190
1-214



2- 5	1-125
2-10	2-126
6-12	2-188
1-18a	1-189
1-24	2-193
17- 37a	2-194
17- 37b	1-194a
1- 38	1-199
2- 38d	1-212
2- 48a	1-221



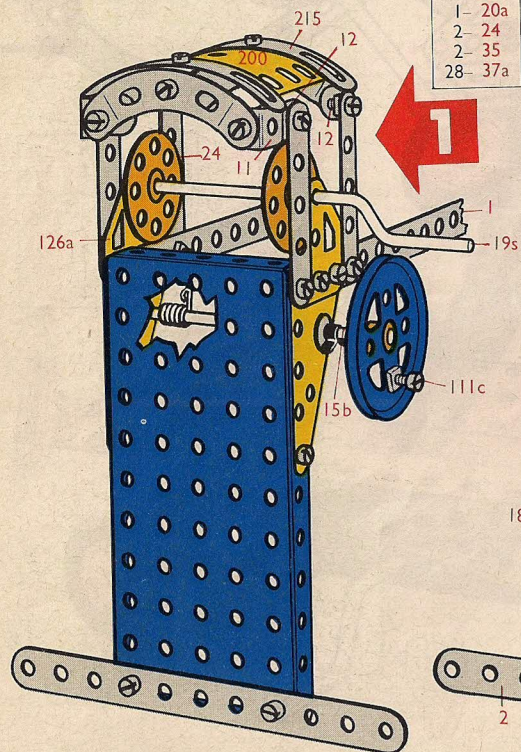
6- 2	14- 37b
5- 5	8- 38
4-12	1- 90a
2-15b	2-111c
1-16	2-126a
4-22	4-142c
6-35	1-191
22-37a	2-192

4.4.

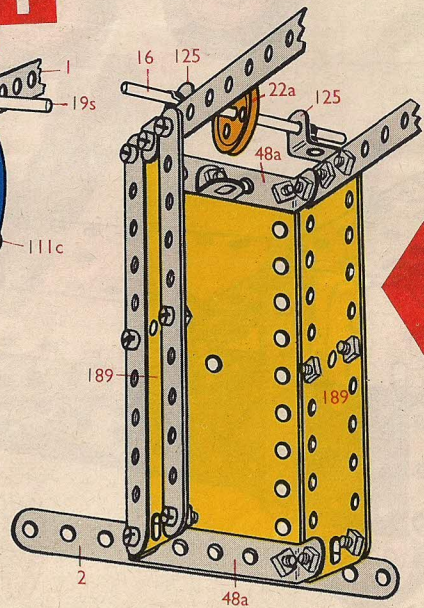
Grue sur portique

2- 1	4- 22	4- 90a
6- 2	1- 22a	2- 111c
9- 5	1- 23	2- 125
2- 10	2- 24	2- 126
2- 11	10- 35	2- 126a
7- 12	57- 37a	1- 176
1- 15b	53- 37b	2- 189
3- 16	10- 38	1- 192
2- 17	1- 40	1- 200
1- 18b	2- 48a	2- 215
1- 19s	1- 52	2- 221
1- 20a	1- 57c	

2- 1	26- 37b
1- 2	2- 38
4- 5	1- 52
2- 11	2- 90a
6- 12	1- 111c
1- 15b	2- 126a
1- 19s	1- 176
1- 20a	1- 200
2- 24	2- 215
2- 35	2- 221
28- 37a	

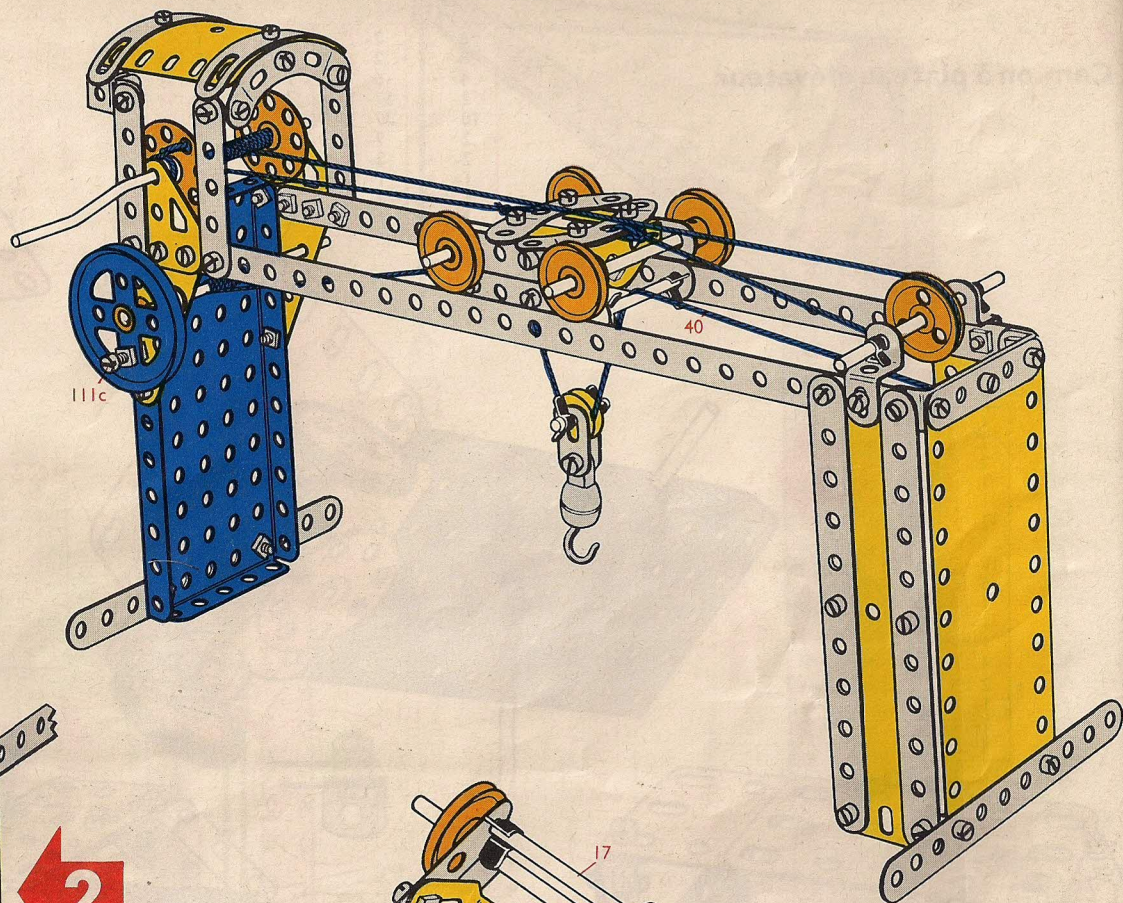


1



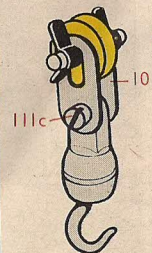
2

5- 2
1- 5
1- 12
1- 16
1- 22a
2- 35
19- 37a
19- 37b
2- 48a
2- 125
2- 189
1- 192



3

4- 5
2- 16
2- 17
4- 22
4- 35
8- 37a
8- 37b
8- 38
2- 90a
2- 126



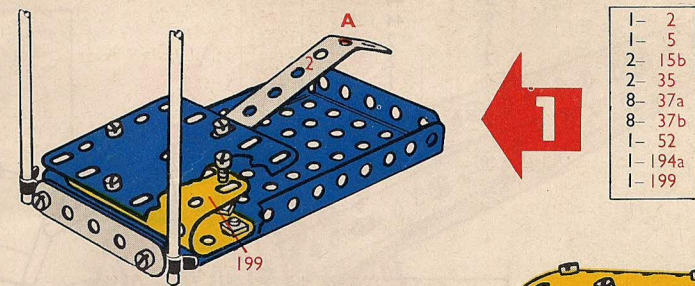
4

2- 10
1- 18b
1- 23
2- 35
2- 37a
1- 57c
1- 111c

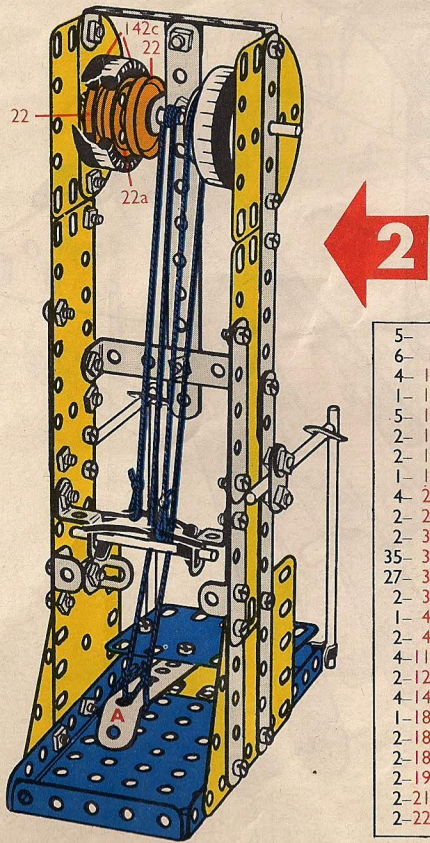
4.5.

Pèse-personnes

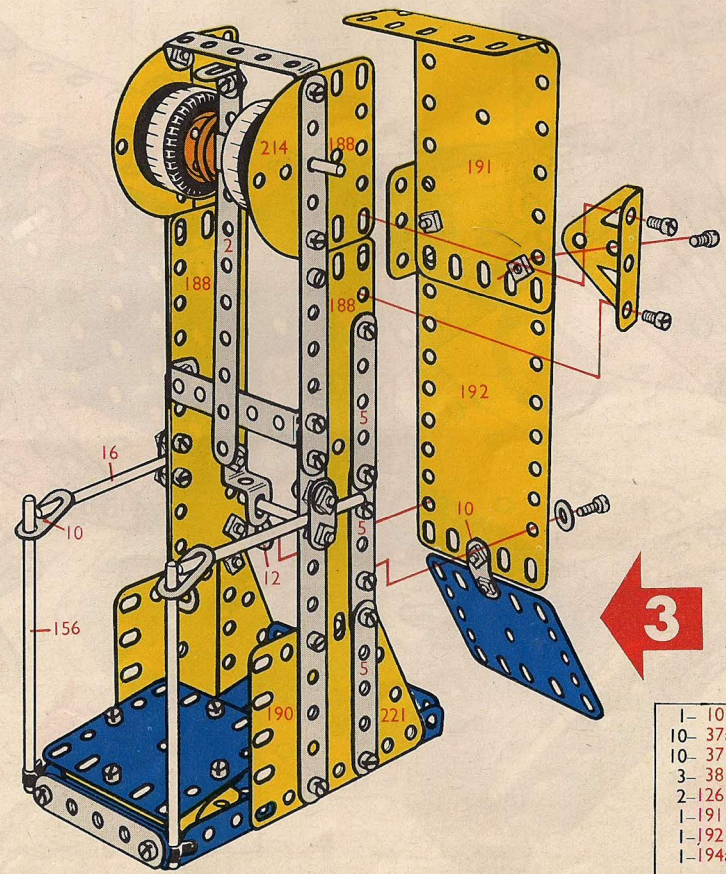
6-	2	62-	37a	2-	189
8-	5	54-	37b	2-	190
5-	10	5-	38	2-	191
1-	11	1-	40	1-	192
6-	12	2-	48a	2-	193
2-	15b	1-	52	2-	194a
2-	16	4-	111c	1-	199
2-	17	2-	125	1-	200
1-	18a	2-	126	2-	214
4-	22	4-	142c	2-	221
2-	22a	1-	186		
4-	35	2-	188		



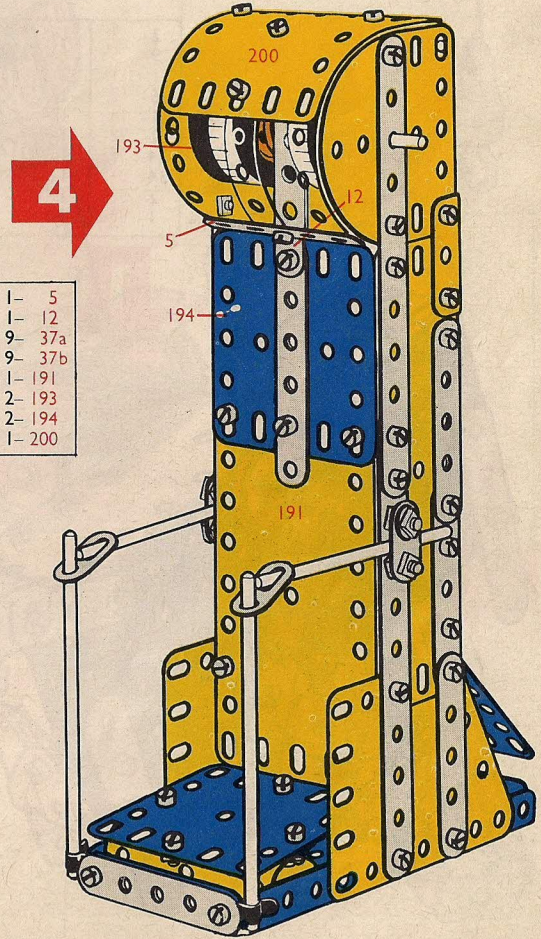
- 1- 2
- 1- 5
- 2- 15b
- 2- 35
- 8- 37a
- 8- 37b
- 1- 52
- 1- 194a
- 1- 199



- 5- 2
- 6- 5
- 4- 10
- 1- 11
- 5- 12
- 2- 16
- 2- 17
- 1- 18a
- 4- 22
- 2- 22a
- 2- 35
- 35- 37a
- 27- 37b
- 2- 38
- 1- 40
- 2- 48a
- 4- 111c
- 2- 125
- 4- 142c
- 1- 186
- 2- 188
- 2- 189
- 2- 190
- 2- 214
- 2- 221



- 1- 10
- 10- 37a
- 10- 37b
- 3- 38
- 2- 126
- 1- 191
- 1- 192
- 1- 194a



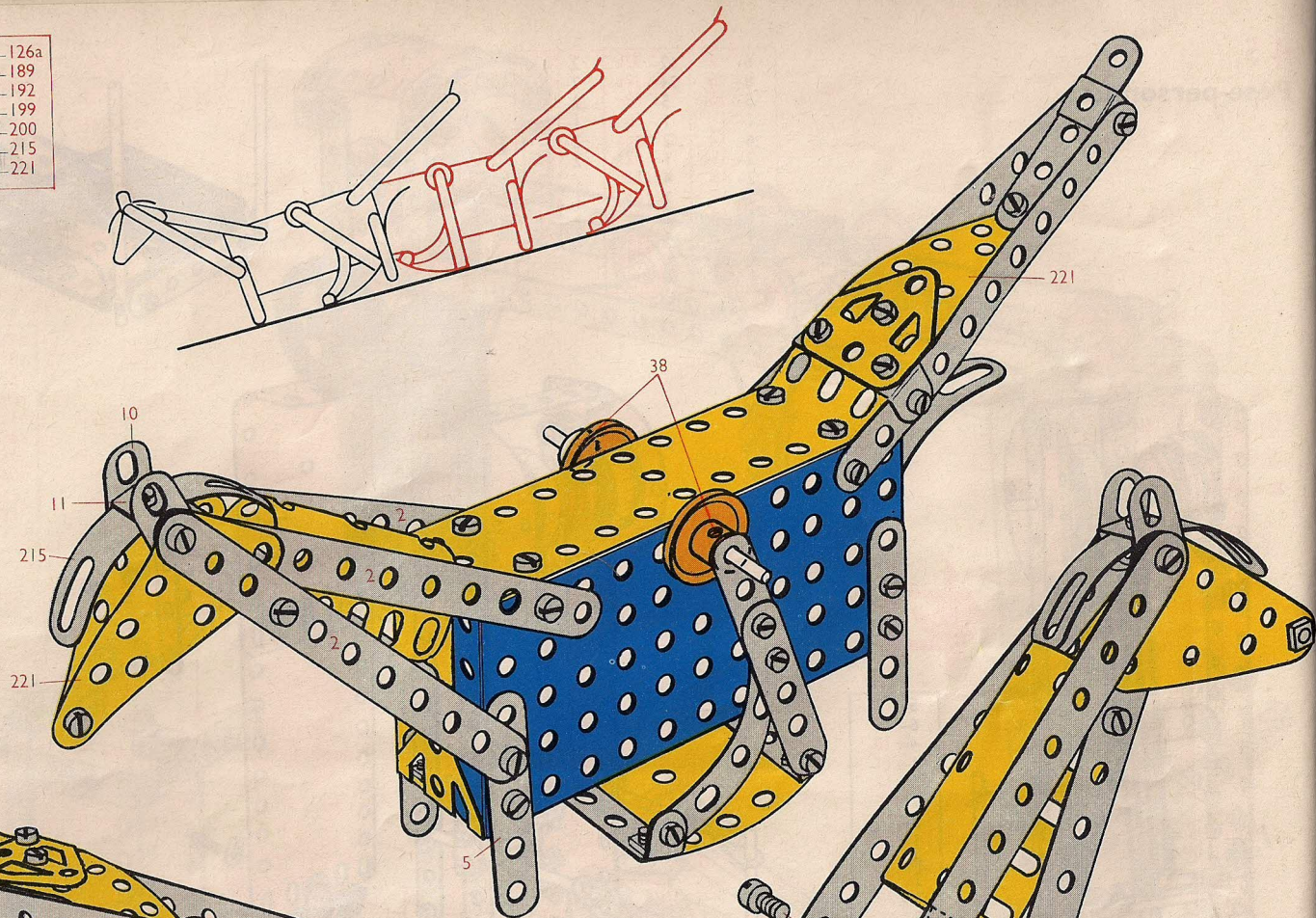
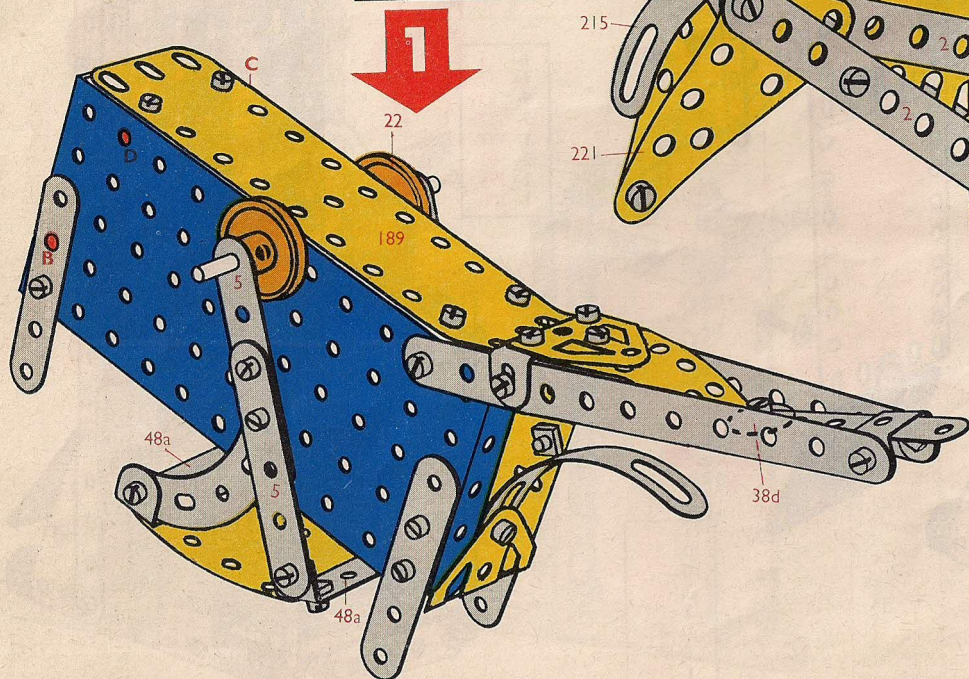
- 1- 5
- 1- 12
- 9- 37a
- 9- 37b
- 1- 191
- 2- 193
- 2- 194
- 1- 200

4.6.

Kangourou

6- 2	44- 37a	1-126a
9- 5	44- 37a	1-189
2-10	2- 38	1-192
2-11	2- 48a	1-199
6-12	1- 52	1-200
1-16	2- 90a	2-215
2-22	2-126	3-221

2- 2	2- 48a
9- 5	1- 52
1-11	2- 90a
6-12	2-126
1-16	1-126a
2-22	1-189
34-37a	1-192
34-37b	1-200
2- 38	1-215
1-38d	1-221



4- 2
2-10
1-11
10-37a
10-37b
1-199
1-215
2-221

4.7. Grue mobile

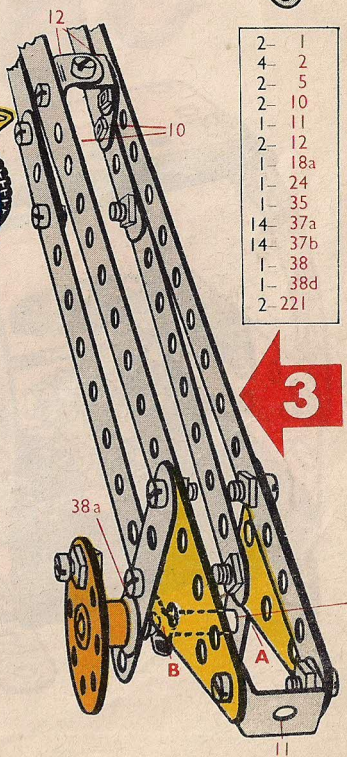
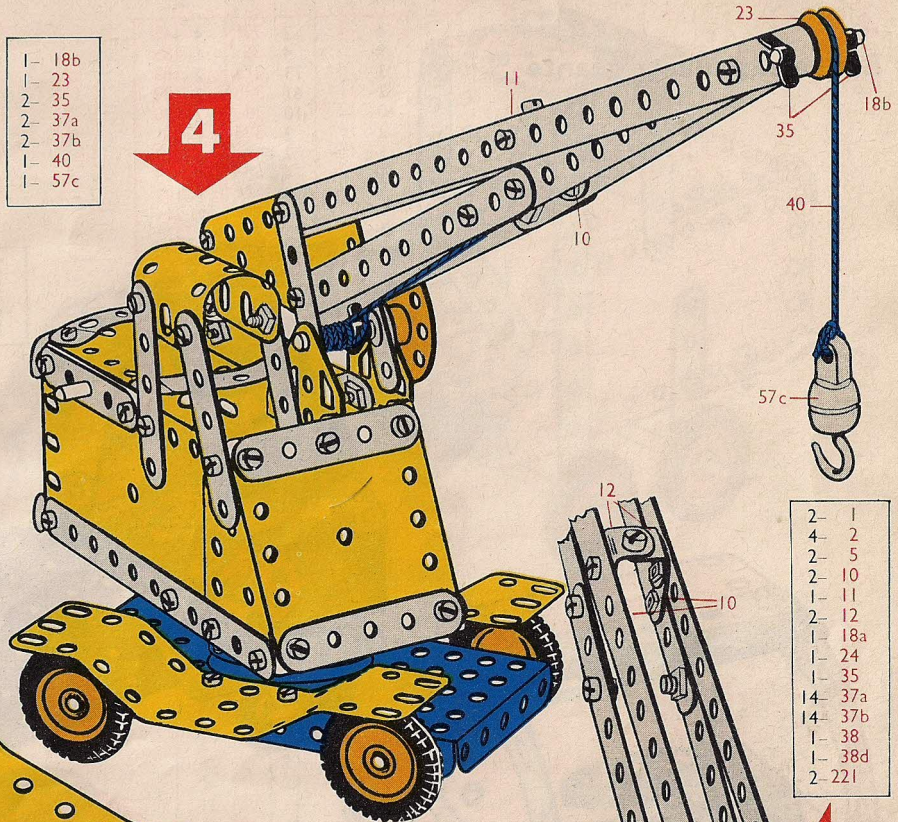
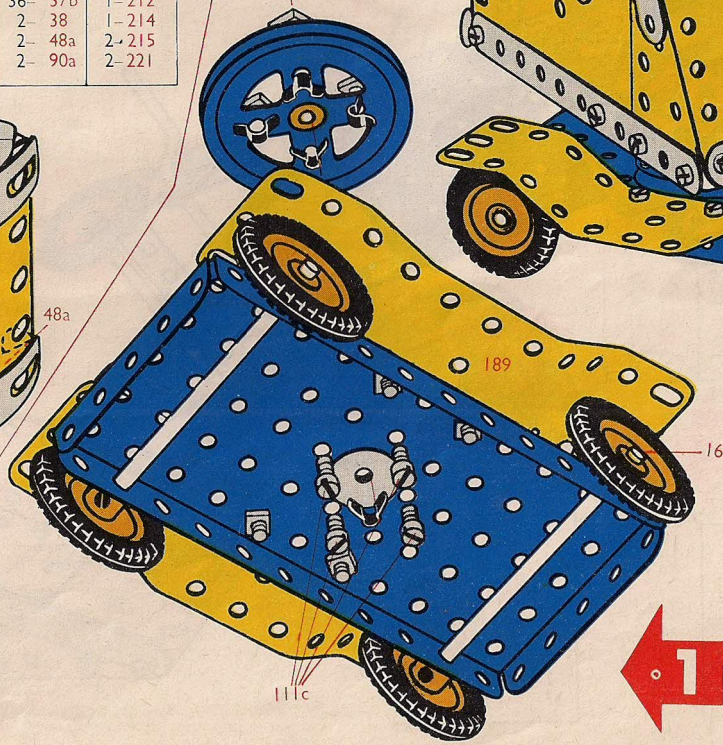
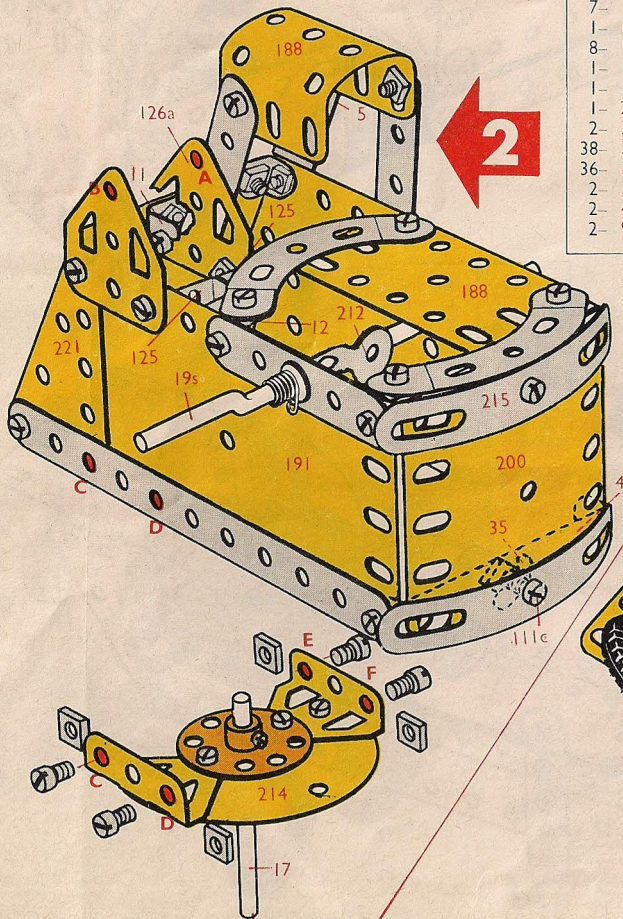
2-	1	1-	19s	1-	40	1-	176
6-	2	1-	20a	2-	48a	2-	188
9-	5	4-	22	1-	52	2-	189
2-	10	1-	23	1-	57c	1-	190
2-	11	2-	24	2-	90a	2-	191
10-	12	10-	35	6-	111c	1-	200
2-	16	62-	37a	2-	125	1-	212
1-	17	56-	37b	2-	126	1-	214
1-	18a	3-	38	2-	126a	2-	215
1-	18b	2-	38d	4-	142c	4-	221

1-	18b
1-	23
2-	35
2-	37a
2-	37b
1-	40
1-	57c

2-	2	2-	111c
7-	5	2-	125
1-	11	2-	126
8-	12	2-	126a
1-	17	1-	176
1-	19s	2-	188
1-	24	1-	190
2-	35	2-	191
38-	37a	1-	200
36-	37b	1-	212
2-	38	1-	214
2-	48a	2-	215
2-	90a	2-	221

2-	1
4-	2
2-	5
2-	10
1-	11
2-	12
1-	18a
1-	24
1-	35
14-	37a
14-	37b
1-	38
1-	38d
2-	221

2-	16
1-	20a
4-	22
5-	35
8-	37a
4-	37b
1-	38d
1-	52
4-	111c
4-	142c
2-	189

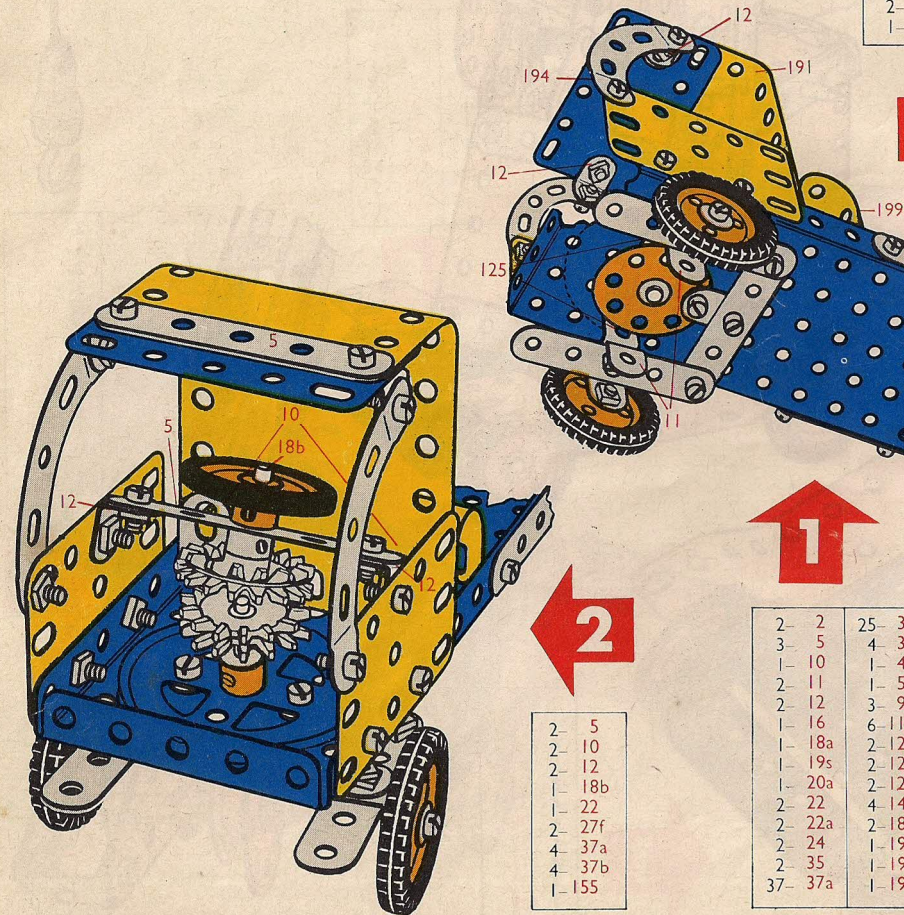


4.8. Benne basculante géante

4- 2	2- 27f	4- 142c
9- 5	4- 35	1- 155
3- 10	73- 37a	2- 188
2- 11	61- 37b	2- 189
10- 12	10- 38	2- 190
2- 16	2- 38d	1- 191
1- 18a	2- 48a	2- 192
1- 18b	1- 52	1- 194
1- 19s	4- 90a	1- 199
1- 20a	6- 111c	2- 214
3- 22	2- 125	4- 221
2- 22a	2- 126	
2- 24	2- 126a	

2- 37a
2- 37b
2- 38d
1- 190

4



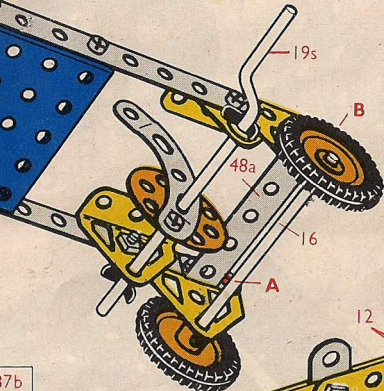
2

2- 5
2- 10
2- 12
1- 18b
1- 22
2- 27f
4- 37a
4- 37b
1- 155

1

2- 2
3- 5
1- 10
2- 11
2- 12
1- 16
1- 18a
1- 19s
1- 20a
2- 22
2- 22a
2- 24
2- 35
37- 37a

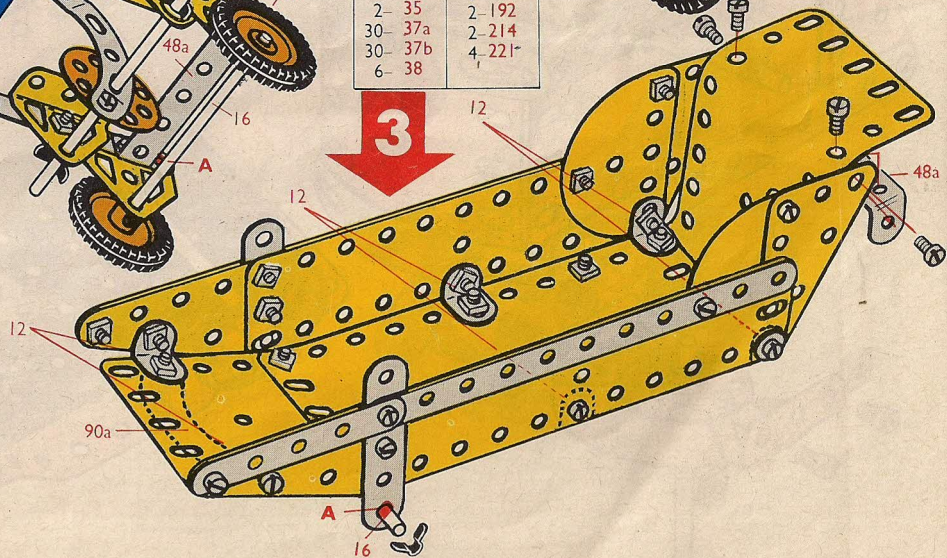
25- 37b
4- 38
1- 48a
1- 52
3- 90a
6- 111c
2- 125
2- 126
2- 126a
4- 142c
2- 188
1- 191
1- 194
1- 199



3

2- 2
4- 5
6- 12
1- 16
2- 35
30- 37a
30- 37b
6- 38

1- 48a
1- 90a
2- 189
1- 190
2- 192
2- 214
4- 221



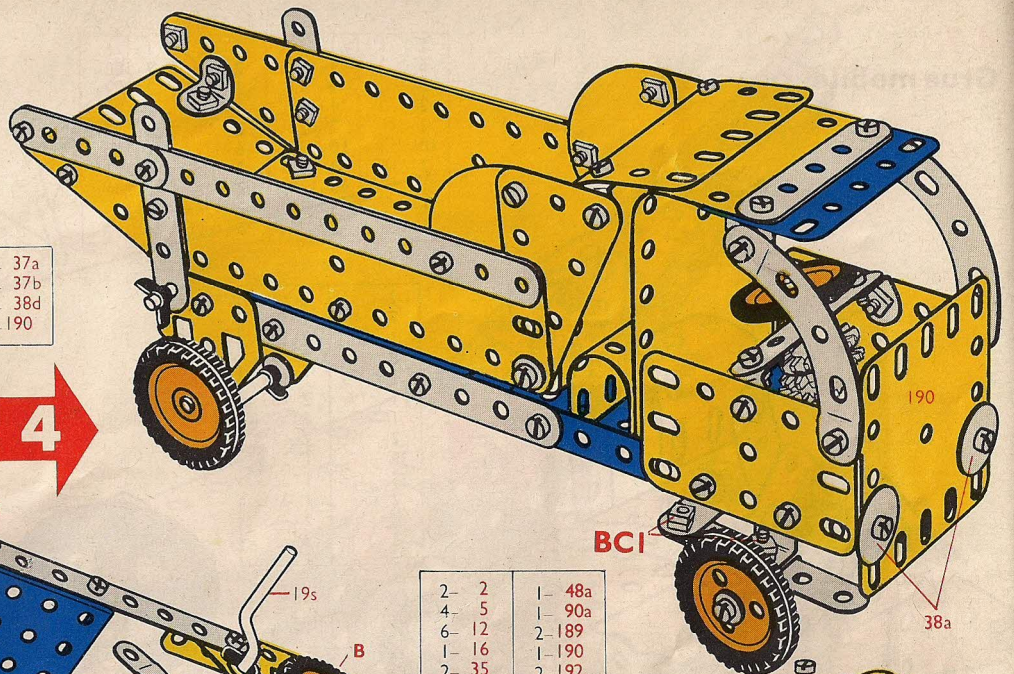
BCI

190

38a

48a

16



4.9.

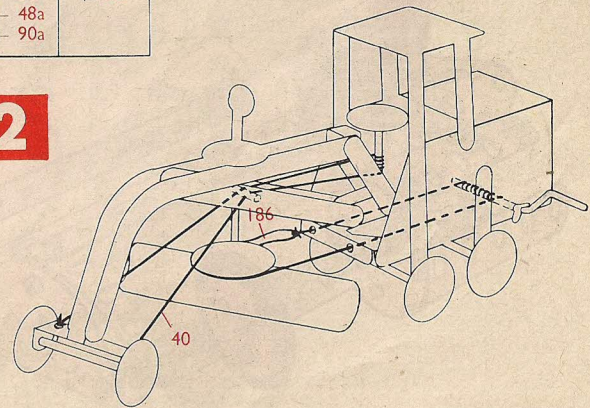
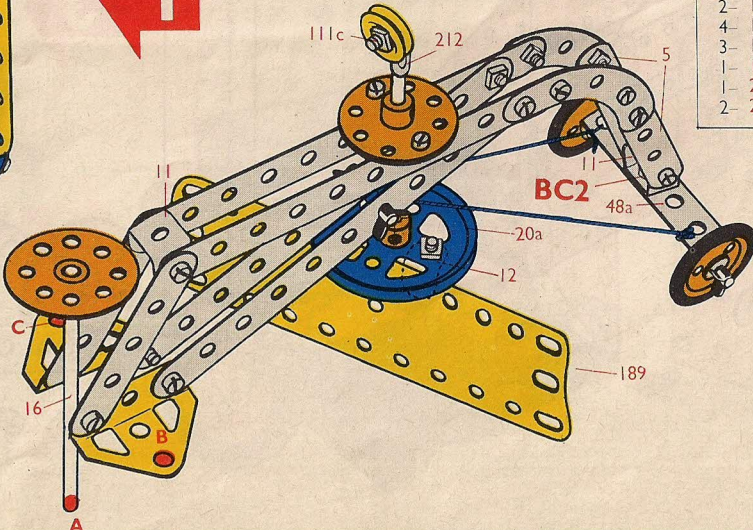
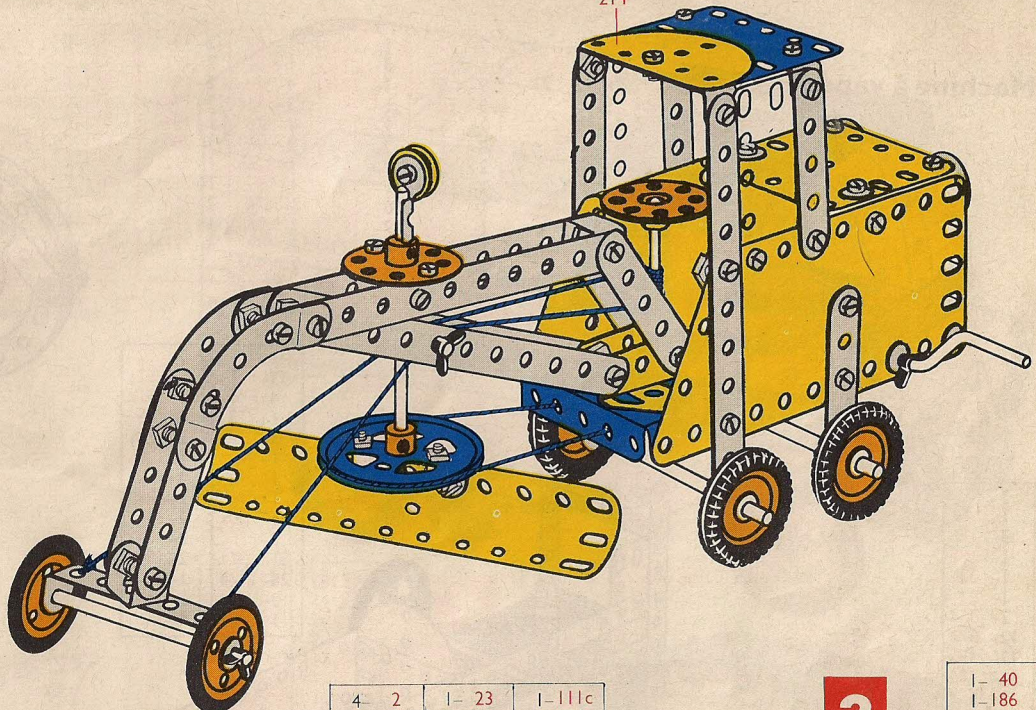
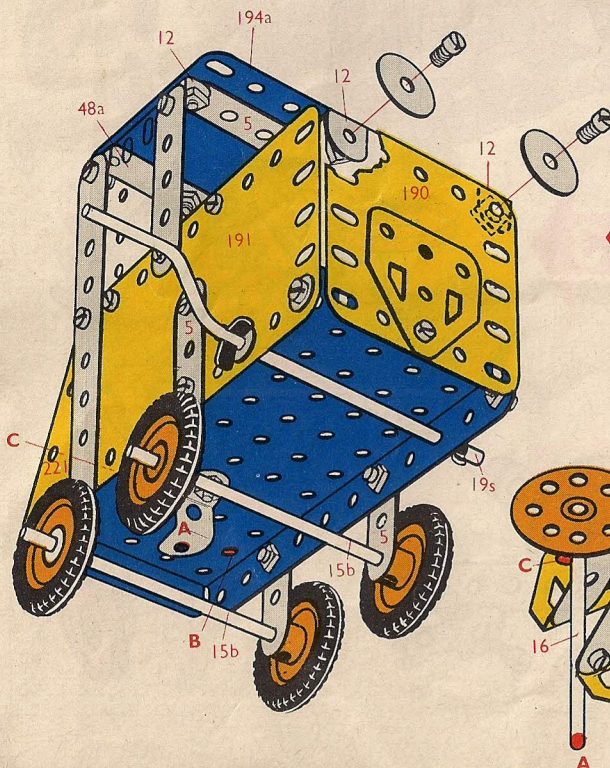
Profileur

6	2	7	35	4	142c
9	5	60	37a	2	155
2	11	58	37b	1	176
10	12	10	38	1	186
2	15b	2	38d	1	189
3	16	1	40	2	190
1	18b	2	48a	2	191
1	19s	1	52	2	193
1	20a	2	90a	1	194a
4	22	1	111c	1	212
2	22a	1	125	1	214
1	23	2	126	2	221
2	24	1	126a		

2	2	1	48a
5	5	1	52
6	12	1	125
2	15b	1	126a
1	19s	4	142c
4	22	2	190
2	35	2	191
31	37a	2	193
31	37b	1	194a
6	38	1	214
2	38d	2	221

4	2	1	23	1	111c
4	5	2	24	2	126
2	11	5	35	2	155
4	12	29	37a	1	176
3	16	27	37b	1	189
1	18b	4	38	1	212
1	20a	1	48a		
2	22a	2	90a		

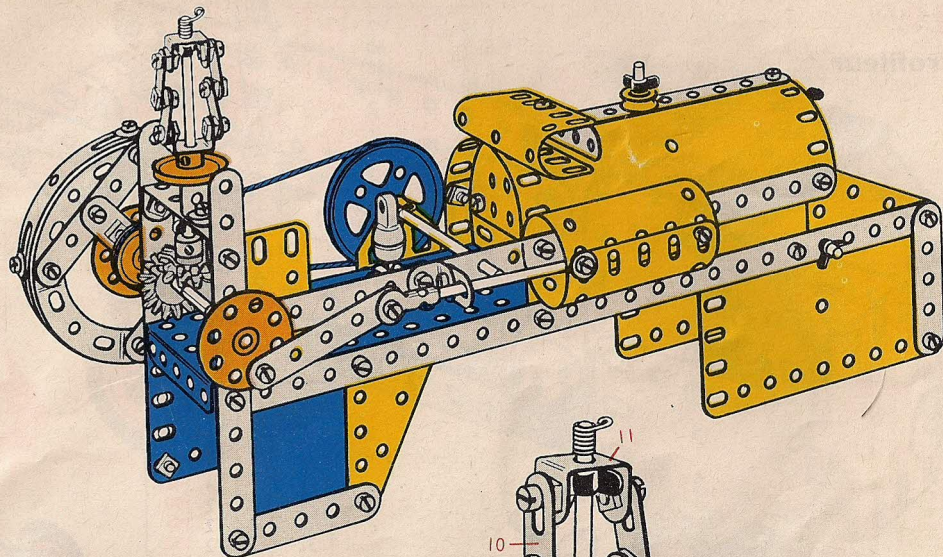
1	40
1	186



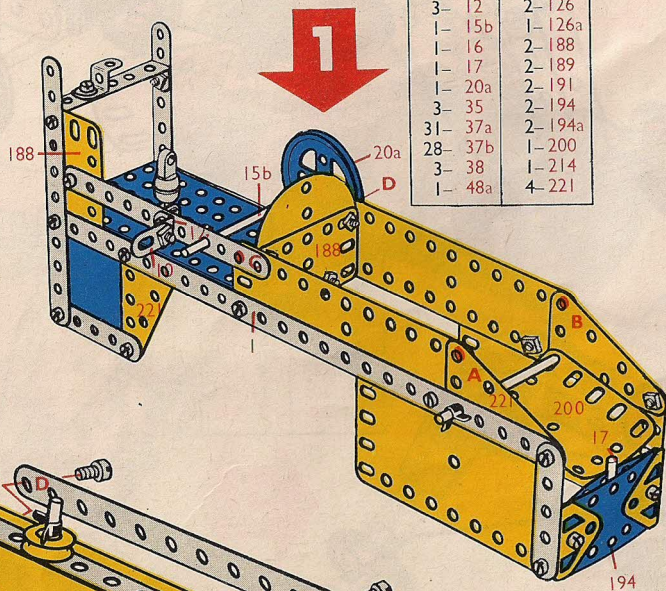
4.10.

Machine à vapeur

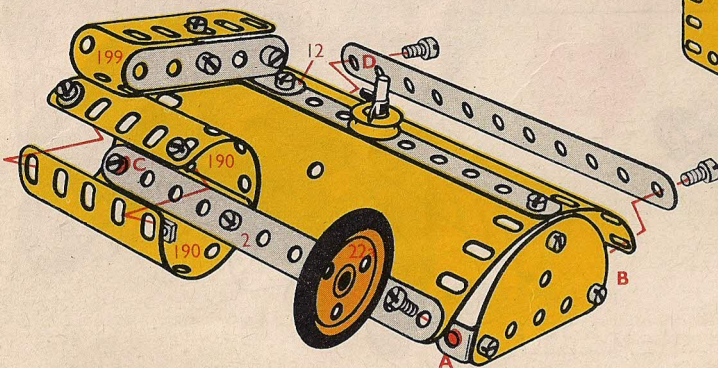
2-	1	1-	20a	1-	52	2-	191
6-	2	3-	22	1-	57c	2-	192
9-	5	1-	22a	4-	90a	2-	194
5-	10	1-	23	3-	111c	2-	194a
2-	11	2-	24	1-	125	1-	199
8-	12	2-	27f	2-	126	1-	200
2-	15b	7-	35	1-	126a	1-	212
2-	16	71-	37a	1-	155	1-	213
1-	17	60-	37b	1-	176	2-	214
1-	18a	9-	38	2-	188	4-	215
1-	18b	1-	40	2-	189	4-	221
1-	19s	2-	48a	2-	190		



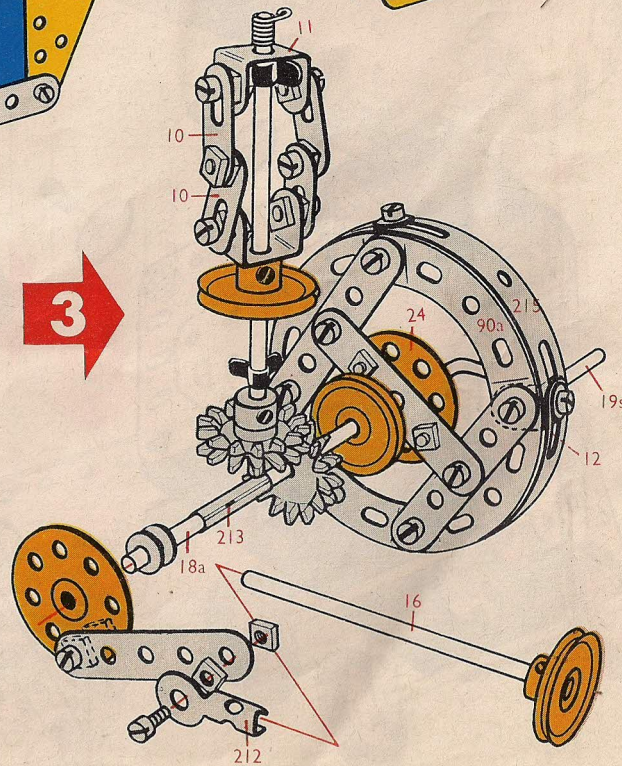
2-	1	1-	52
3-	2	1-	57c
4-	5	3-	111c
1-	10	1-	125
3-	12	2-	126
1-	15b	1-	126a
1-	16	2-	188
1-	17	2-	189
1-	20a	2-	191
3-	35	2-	194
31-	37a	2-	194a
28-	37b	1-	200
3-	38	1-	214
1-	48a	4-	221



3-	2-
1-	5
3-	12
1-	18b
1-	22a
1-	23
2-	35
12-	37a
12-	37b
1-	48a
1-	155
2-	190
2-	192
1-	199
1-	214



4-	5
4-	10
2-	11
2-	12
1-	15b
1-	16
1-	18a
1-	19s
3-	22
2-	24
2-	27f
2-	35
28-	37a
20-	37b
6-	38
4-	90a
1-	176
1-	212
1-	213
4-	215

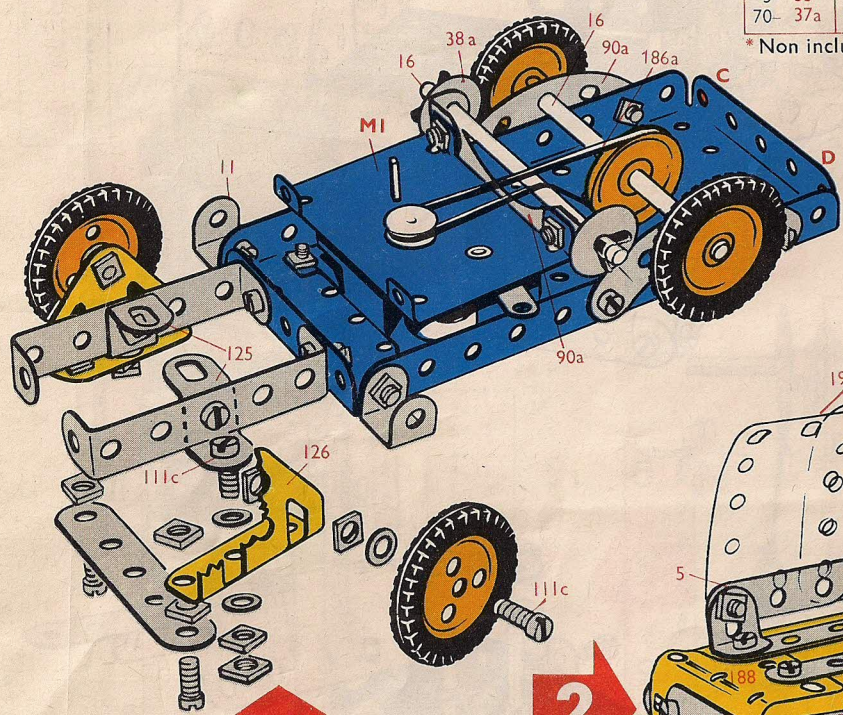


4.11.

Camion de livraisons

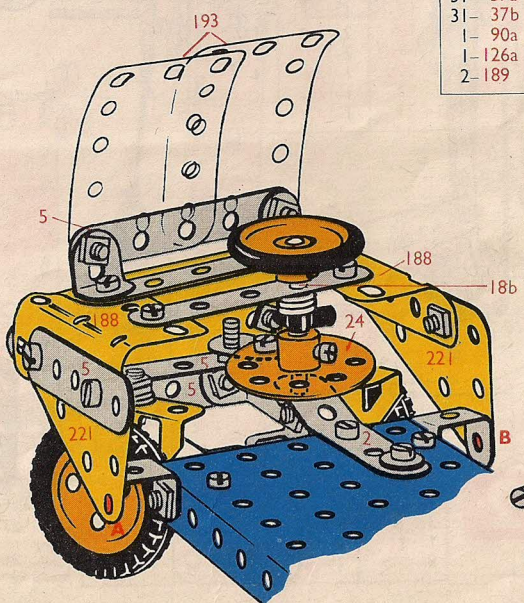
6- 2	62- 37b	2-188
9- 5	10- 38	2-189
3- 10	2- 38d	2-190
2- 11	2- 48a	2-191
4- 12	1- 52	2-192
2- 16	4- 90a	2-193
1- 18a	4-111c	2-194
1- 18b	2-125	2-194a
4- 22	2-126	1-199
2- 22a	2-126a	1-212
1- 24	4-142c	1-214
3- 35	1-155	2-221
70- 37a	*1-186a	*1-M1

* Non inclus dans la boîte

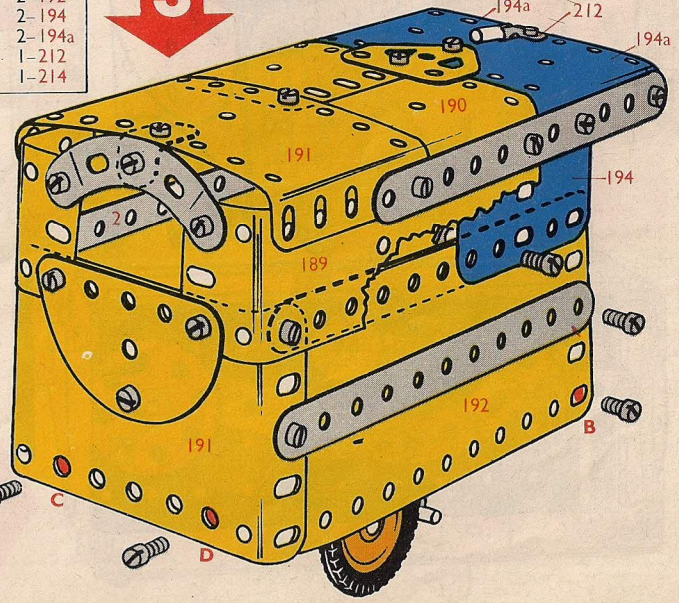
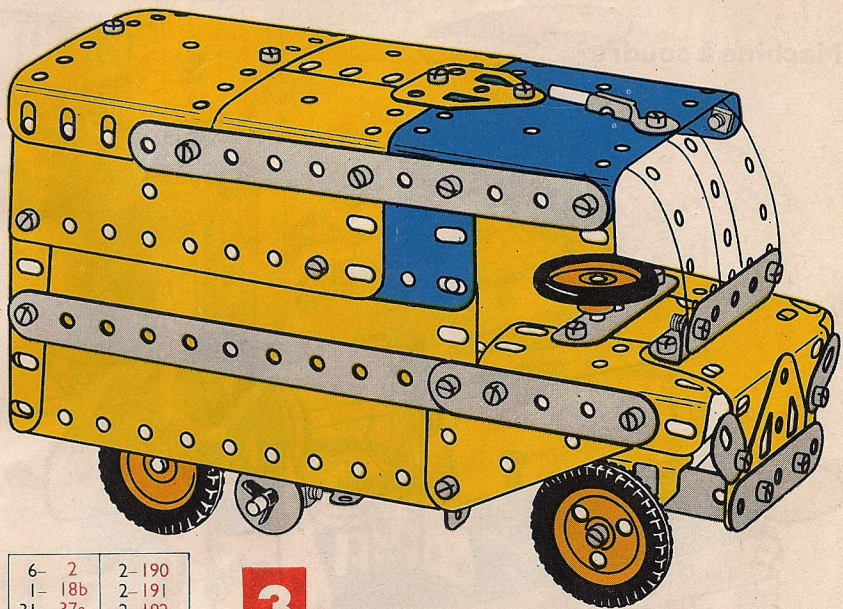


1- 5	2- 38d
2- 11	2- 48a
2- 12	1- 52
2- 16	3- 90a
3- 22	4- 111c
2- 22a	2- 125
2- 35	2- 126
24- 37a	4- 142c
16- 37b	*1-186a
6- 38	

8- 5	15- 37b
3- 10	4- 38
2- 12	1- 126a
1- 18a	1- 155
1- 22	2- 188
1- 24	2- 193
1- 35	1- 199
15- 37a	2- 221

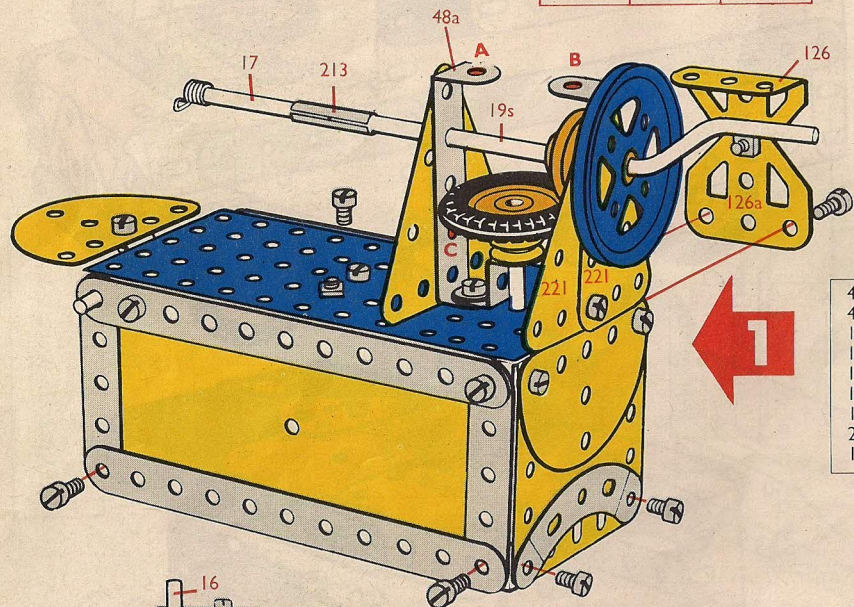


6- 2	2-190
1- 18b	2-191
31- 37a	2-192
31- 37b	2-194
1- 90a	2-194a
1- 126a	1-212
2- 189	1-214

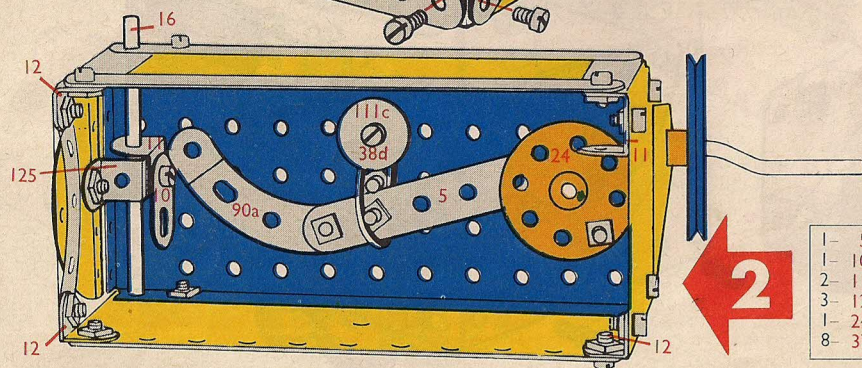


Machine à coudre

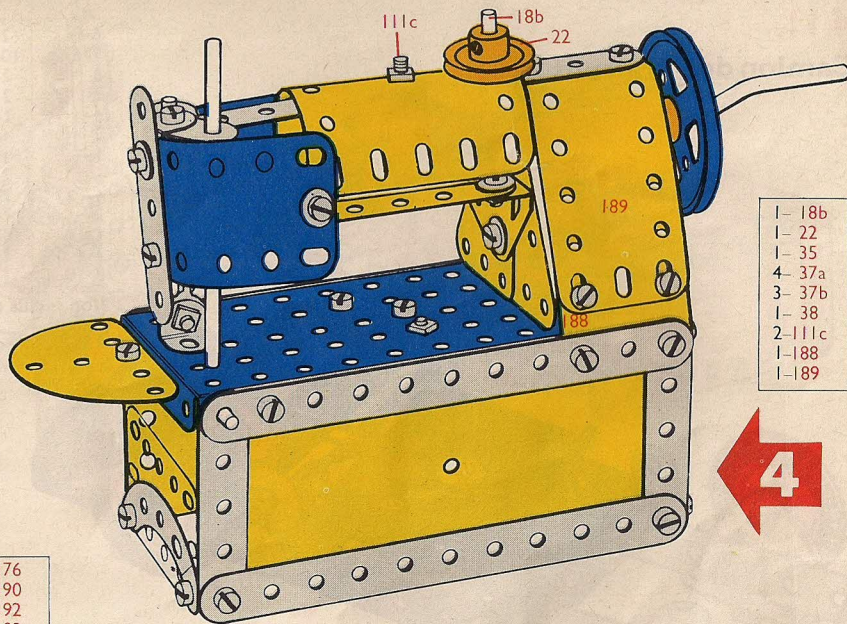
5- 2	1- 24	1-142c
7- 5	5- 35	1-176
5-10	45- 37a	2-188
2-11	38- 37b	1-189
10-12	10- 38	1-190
2-16	1- 38d	2-192
2-17	2- 48a	1-193
1-18a	1- 52	2-194
1-18b	3- 90a	1-199
1-19s	5-111c	1-212
1-20a	2-125	1-213
3-22	2-126	2-214
1-23	2-126a	4-221



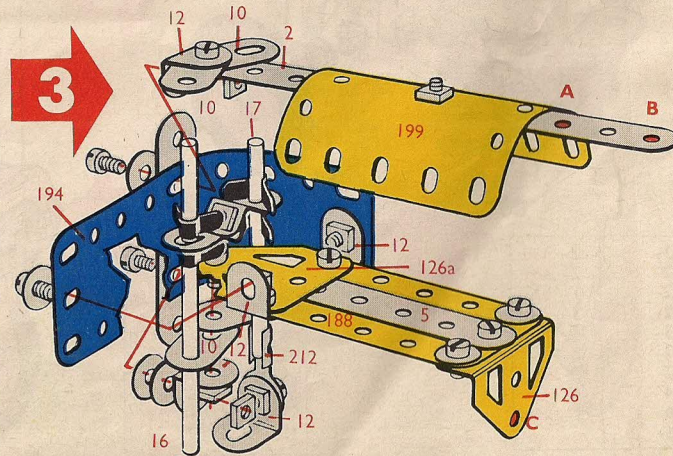
4- 2	19- 37a	1-176
4- 5	19- 37b	1-190
1-16	2- 48a	2-192
1-17	1- 52	1-193
1-18a	2- 90a	1-213
1-19s	2-125	2-214
1-20a	1-126	4-221
2-22	1-126a	
1-23	1-142c	



1- 5	2- 37b
1-10	2- 38
2-11	1- 38d
3-12	1- 90a
1-24	4-111c
8- 37a	1-186



1-18b
1-22
1-35
4-37a
3-37b
1-38
2-111c
1-188
1-189



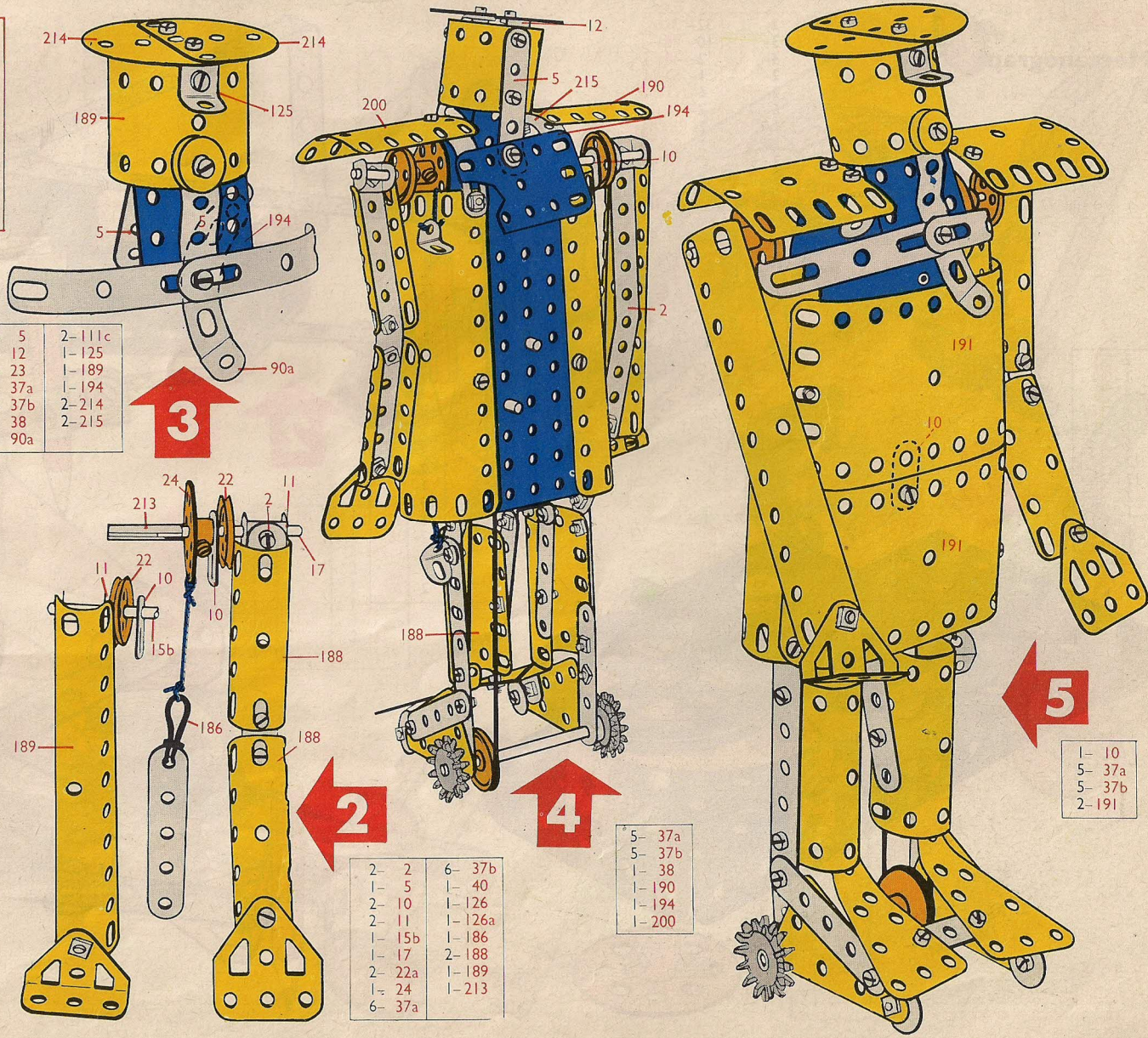
1- 2
2- 5
4-10
7-12
1-16
1-17
4-35
14-37a
14-37b
7-38
1-126
1-126a
1-188
2-194
1-199
1-212

4.13

Robot

4- 2	1- 23	2-111c	2-194
9- 5	*1- 23a	1-125	1-199
5-10	2- 24	1-126	1-200
2-11	2- 27f	1-126a	1-213
5-12	61- 37a	1-186	2-214
1-15b	59- 37b	*1-186a	4-215
1-16	3- 38	*1-186b	4-221
2-17	2- 38d	2-188	*1-M1
1-18a	1- 40	2-189	
1-20a	2- 48a	2-190	
3-22	1- 52	2-191	
2-22a	4- 90a	2-192	

*Non inclus dans la boîte



2- 5	2-111c
1-12	1-125
1-23	1-189
8-37a	1-194
8-37b	2-214
2-38	2-215
1-90a	



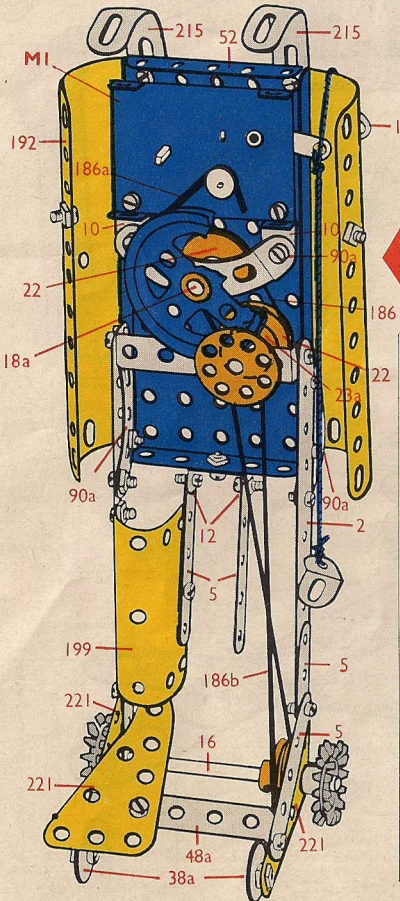
2- 2	6- 5
2-10	4-12
1-16	1-17
1-18a	1-20a
3-22	*1-23a
1-24	2-27f
37-37a	35-37b
2-38	2-38d
2-48a	1-52
3-90a	*1-186a
1-186b	*1-186b
1-190	2-192
2-199	1-199
2-215	4-221



2- 2	6-37b
1- 5	1- 40
2-10	1-126
2-11	1-126a
1-15b	1-186
1-17	2-188
2-22a	1-189
1-24	1-213
6-37a	

5-37a
5-37b
1-38
1-190
1-194
1-200

1-10
5-37a
5-37b
2-191

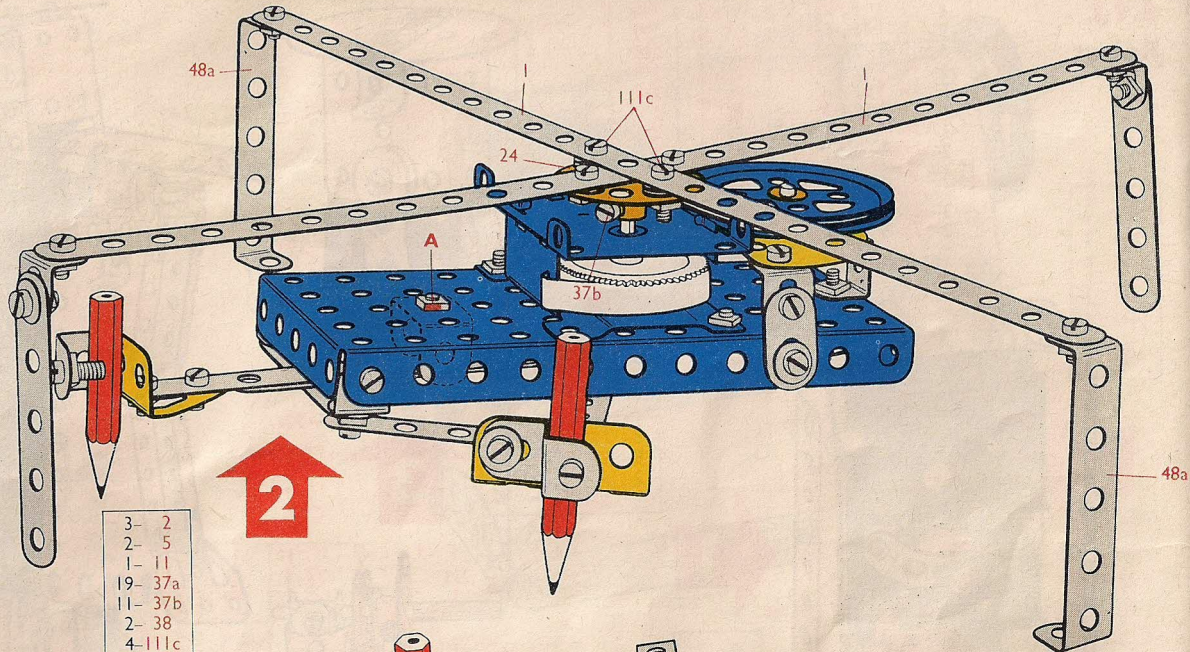


4.14.

Meccanograph

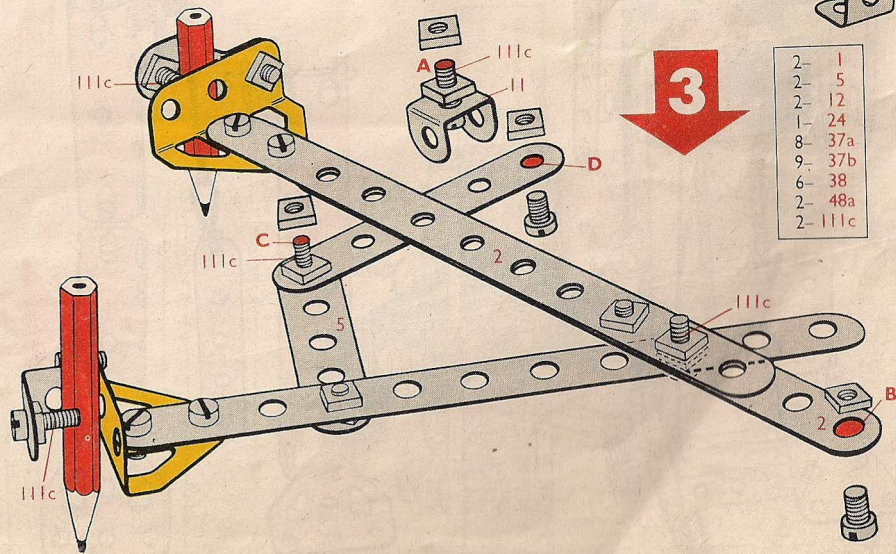
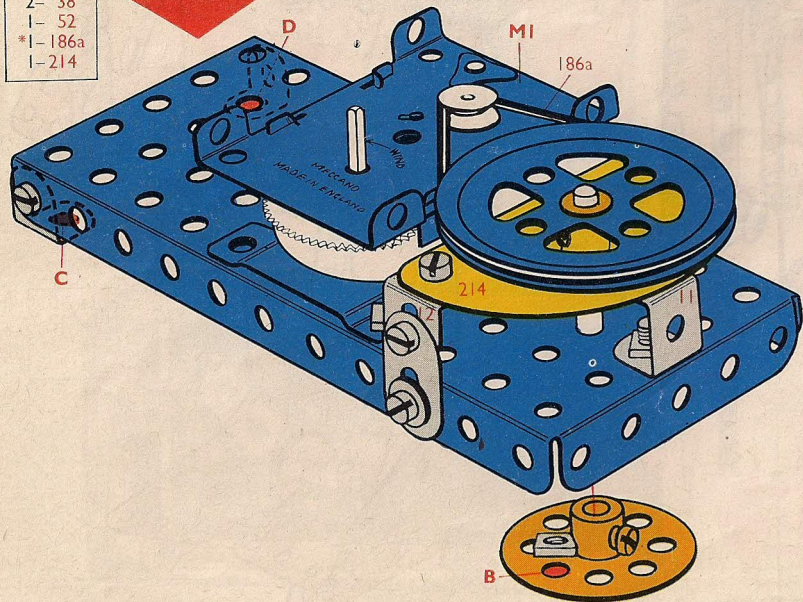
2-	1	32-	37b
3-	2	10-	38
4-	5	2-	48a
2-	10	1-	52
2-	11	6-	111c
6-	12	2-	125
1-	18a	2-	126
1-	20a	*1-	186a
2-	24	1-	214
39-	37a	*1-	M1

*Non inclus dans la boîte



3-	2
2-	5
1-	11
19-	37a
11-	37b
2-	38
4-	111c
2-	125
2-	126

2-	10
1-	11
4-	12
1-	18a
1-	20a
1-	24
12-	37a
12-	37b
2-	38
1-	52
*1-	186a
1-	214

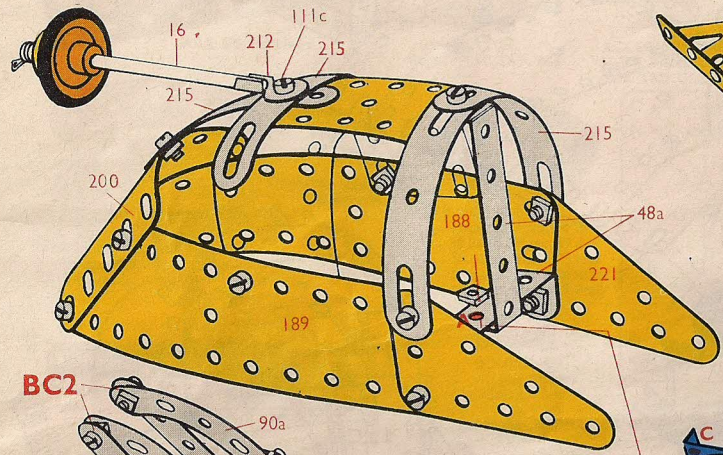
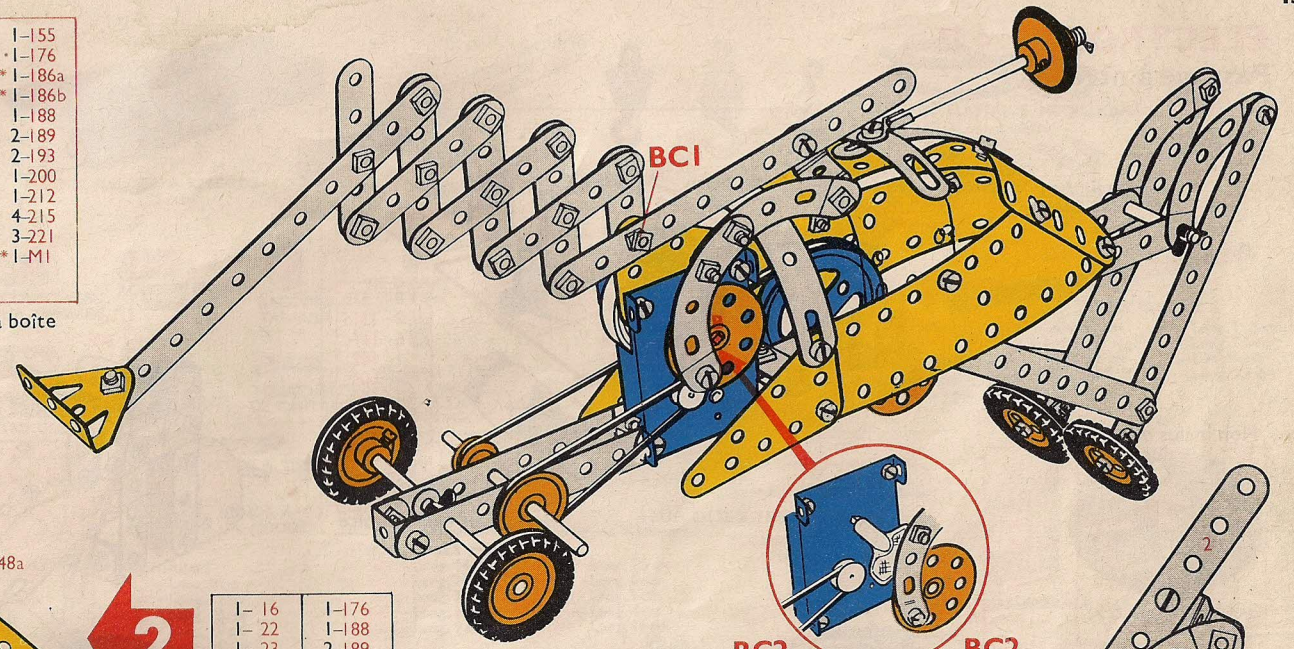


2-	1
2-	5
2-	12
1-	24
8-	37a
9-	37b
6-	38
2-	48a
2-	111c

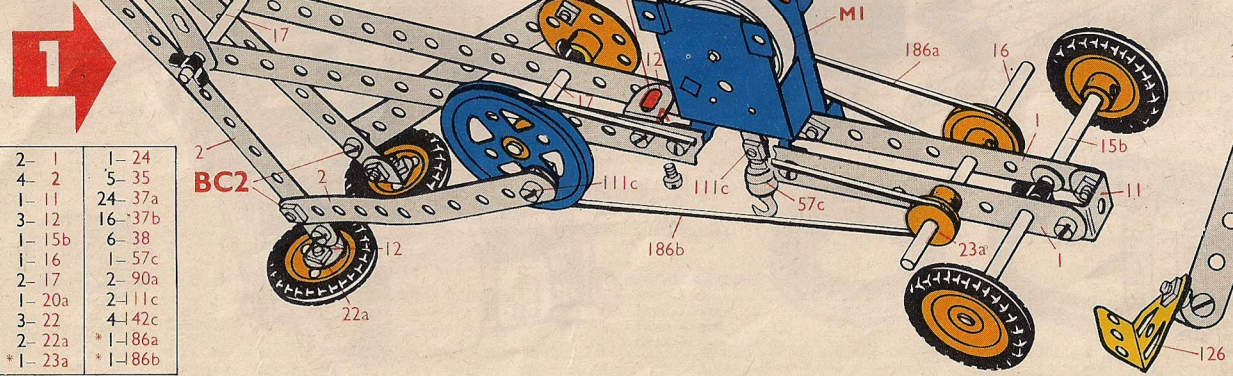
4.15. Véhicule lunaire

2- 1	2- 24	1-155
6- 2	5- 35	1-176
8- 5	72- 37a	*1-186a
1- 11	47- 37b	*1-186b
4- 12	6- 38	1-188
1- 15b	2- 48a	2-189
2- 16	1- 57c	2-193
2- 17	4- 90a	1-200
1- 20a	3-111c	1-212
4- 22	1-125	4-215
2- 22a	1-126	3-221
1- 23	1-126a	*1-M1
*1- 23a	4-142c	

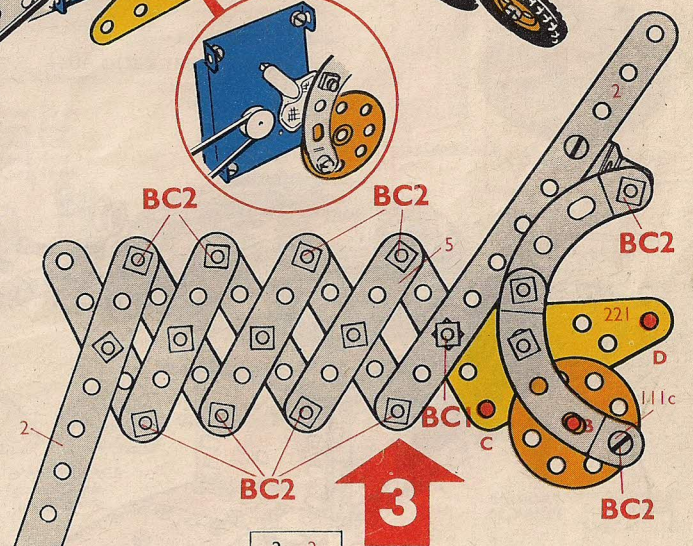
* Non inclus dans la boîte



1- 16	1-176
1- 22	1-188
1- 23	2-189
13- 37a	2-193
12- 37b	1-200
2- 48a	1-212
1-111c	4-215
1-126a	2-221
1-155	



2- 1	1- 24
4- 2	5- 35
1- 11	24- 37a
3- 12	16- 37b
1- 15b	6- 38
1- 16	1- 57c
2- 17	2- 90a
1- 20a	2-111c
3- 22	4-142c
2- 22a	*1-186a
*1- 23a	*1-186b



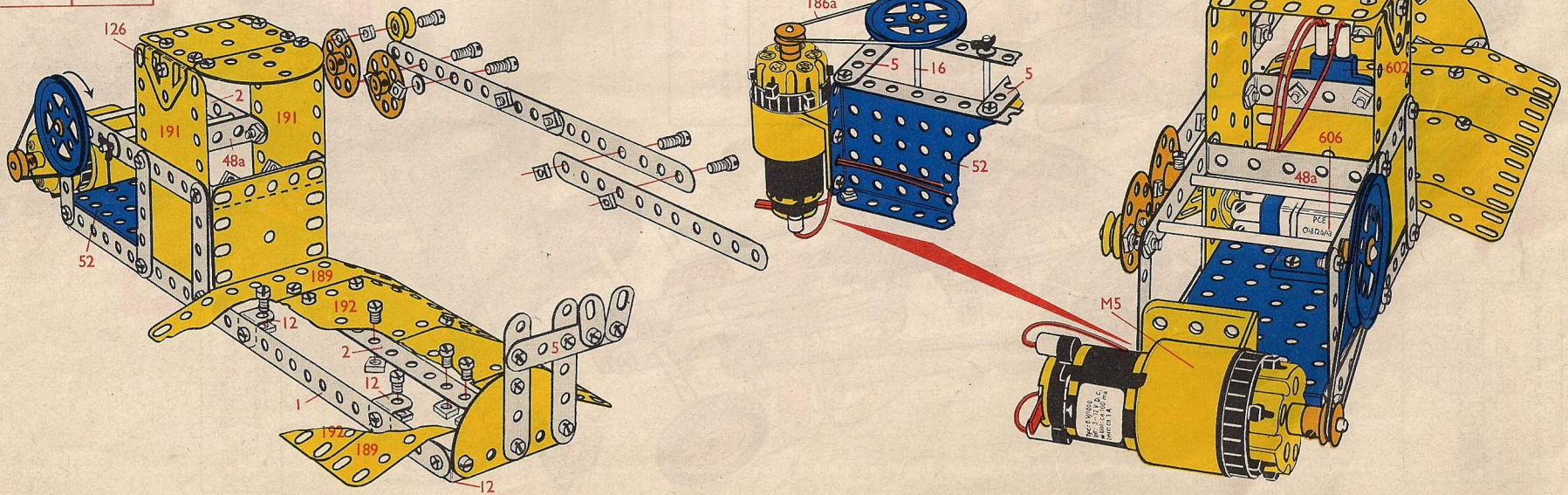
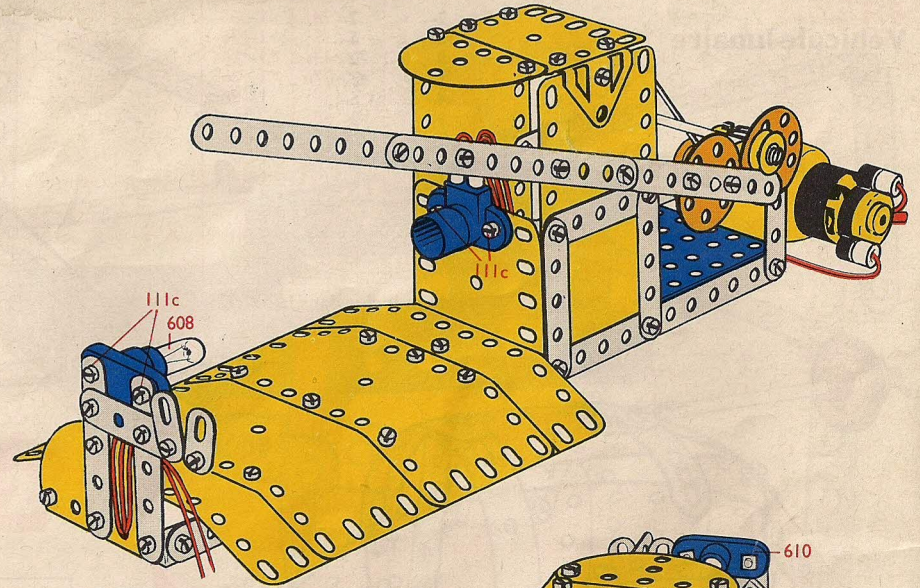
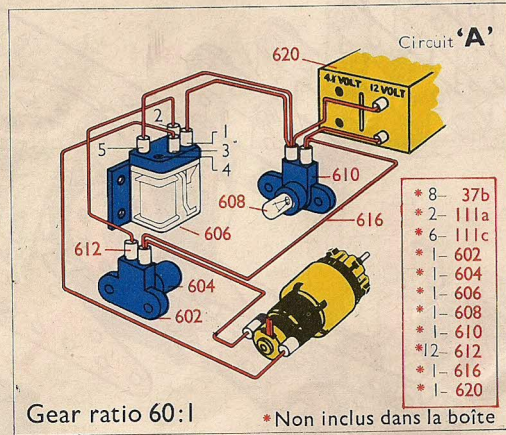
2- 2
8- 5
1- 12
1- 24
35- 37a
19- 37b
2- 90a
1-125
1-126
1-221

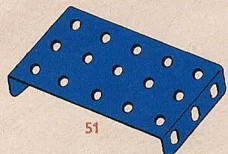
ELECTRONIC 4.16

Passage à niveau

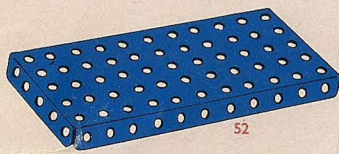
*Non inclus dans la boîte

2- 1	2- 24	*1- 186a
6- 2	1- 35	2- 189
9- 5	56- 37a	2- 190
2- 10	55- 37b	2- 191
6- 12	5- 38	2- 192
2- 16	2- 48a	2- 214
1- 20a	1- 52	*1- M5
1- 23	1- 111c	
*1- 23a	2- 126	

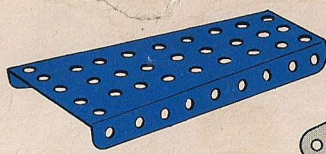




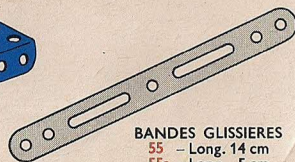
51
PLAQUES A REBORDS
51 - 6 x 4 cm
52 - 14 x 6 cm
53 - 9 x 6 cm



52
PLAQUES SANS REBORDS
52a - 14 x 9 cm
53a - 11,5 x 6 cm



54
PLAQUE SECTEUR A REBORDS
54 - 112 mm



55
BANDES GLISSIERES
55 - Long. 14 cm
55a - Long. 5 cm



57c
CROCHET
LESTE



57b
CROCHET
LESTE



57d (petit)
CROCHET



58 - 1 mètre
CORDE ELASTIQUE METALLIQUE



58a
VIS D'UNION POUR
CORDE ELASTIQUE



58b
CROCHET POUR
CORDE ELASTIQUE



59
BAGUE
D'ARRÊT



61
AILE DE MOULIN



62
BRAS DE MANIVELLE



62a
BRAS DE MANIVELLE TARAUDE



62b
BRAS DE
MANIVELLE DOUBLE



63
ACCOUPEMENT
POUR TRINGLES



63c
ACCOUPEMENT
TARAUDE



64
RACCORD
TARAUDE



63b
ACCOUPEMENT
DE BANDES
SUR TRINGLES



63d
ACCOUPEMENT
COURT



65
FOURCHETTE
DE CENTRAGE



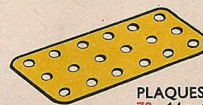
69 - 4 mm
VIS D'ARRÊT



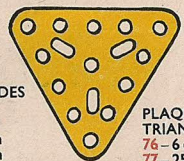
69b - 5,5 mm
VIS SANS TÊTE



69c - 2 mm
VIS SANS TÊTE



70 - 14 x 6 cm
72 - 6 x 6 cm
73 - 75 x 38 mm
74 - 38 x 38 mm
PLAQUES RIGIDES

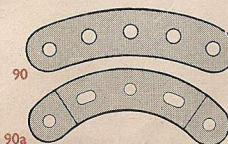


76

76 - 6 cm de côté
77 - 25 mm de côté
PLAQUES
TRIANGULAIRES



78 - Long. 29 cm
79 - Long. 20 cm
79a - Long. 15 cm
80 - Long. 12,5 cm
80a - Long. 9 cm
80b - Long. 11,5 cm
80c - Long. 7,5 cm
81 - Long. 5 cm
82 - Long. 2,5 cm
TIGES FILETÉES



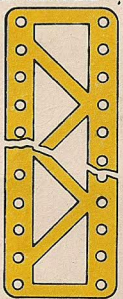
90
BANDES
INCURVÉES
89 - Long. 14 cm
90 - Long. 6 cm



94 - 1 m environ
CHAÎNE GALLÉ



95 - 36 dents, diam. 50 mm
95a - 38 dents, diam. 38 mm
95b - 56 dents, diam. 75 mm
96 - 18 dents, diam. 25 mm
96a - 14 dents, diam. 19 mm
ROUES DE CHAÎNE

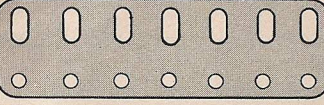


101
LISSE POUR METIER A TISSER

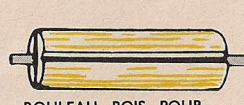


102
BANDE A
UN COUDE

97 - Long. 9 cm
99 - Long. 32 cm
99a - Long. 24 cm
99b - Long. 19 cm
100 - Long. 14 cm
100a - Long. 11,5 cm
LONGRINES



103 - Long. 14 cm
103a - Long. 24 cm
103b - Long. 32 cm
103c - Long. 11,5 cm
103d - Long. 9 cm
POUTRELLES PLATES



106
ROULEAU BOIS POUR
METIER A TISSER



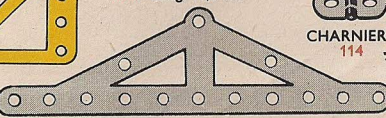
109 - diam. 6 cm
PLATEAU CENTRAL



110 - Long. 9 cm
110a - Long. 16 cm
CREMAILLERES



111 - Long. 19 mm
111a - Long. 12 mm
111c - Long. 9,5 mm
111d - Long. 28 mm
BOULONS



113
POUTRELLÉ TRIANGULÉ



114
CHARNIERE



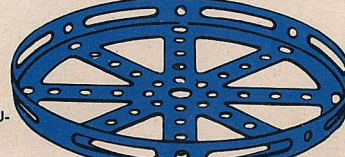
115 - 15 mm
115a - 34 mm
CHEVILLES FILETÉES



116
CHAPE



116a
CHAPE D'ARTICULATION



118 - diam. 13,5 cm
FLASQUE CIRCULAIRE A REBORD



120b - 14 mm
RESSORT DE COMPRESSION



122
SAC CHARGE



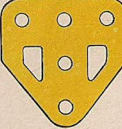
123 - 32 x 25 x 19 mm
POULIE A CONE



124 - 25 mm
125 - 12 mm
EQUERRES RENVERSEES



126
EMBASE
TRIANGULÉE COUDEE



126a
EMBASE
TRIANGULÉE PLATE



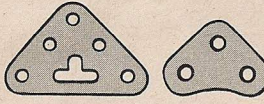
128
LEVIER D'ANGLE
AVEC MOYEU



130 - 6 x 9 x 12 mm
EXCENTRIQUE
A 3 COURSES



130a - 6 mm
EXCENTRIQUE
COURSE 6 MM



133 - (grand) 38 mm
133a - (petit) 25 mm
GOUSSETS D'ASSEMBLAGE



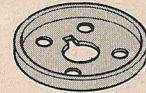
134
VILEBREQUIN COURSE 25 mm



136
SUPPORT
DE RAMPE



136a
SUPPORT
DE RAMPE
AVEC COLLIER



137
BOUDIN DE ROUE



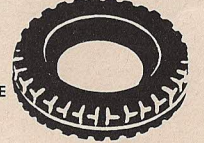
138
CHEMINÉE DE NAVIRE



139 - (droit)
139a - (gauche)
SUPPORT A REBORD



140
ACCOUPEMENT UNIVERSEL



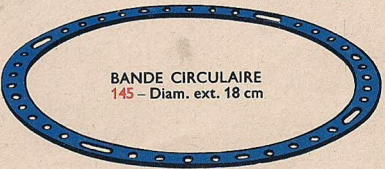
142a - Diam. 5 cm
142b - Diam. 7,5 cm
142c - Diam. 25 mm
142d - Diam. 38 mm
PNEUS D'AUTOMOBILE



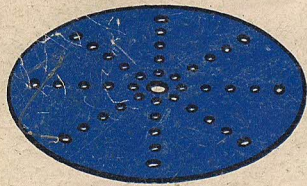
143 - diam. 14 cm
LONGRINE CIRCULAIRE



144
EMBRAYAGE



145 - Diam. ext. 18 cm
BANDE CIRCULAIRE



PLAQUES CIRCULAIRES
146 - Diam. 15 cm
146a - Diam. 10 cm



CLIQUET A MOYEU AVEC BOULON-PIVOT ET ECROUS
147



CLIQUET A MOYEU
147a



BOULON PIVOT A DEUX ECROUS
147b



CLIQUET SANS MOYEU
147c



ROUE A ROCHET
148



PALANS
151 - Palan à 1 poulie
153 - Palan à 3 poulies



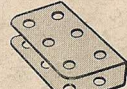
EQUERRE D'ANGLE
154a - 12 mm (droit)
154b - 12 mm (gauche)



ANNEAU DE CAOUTCHOUC
155 - 25 mm



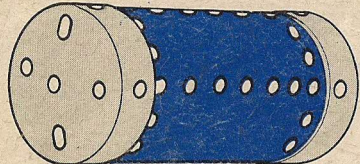
TURBINE
157 - Diam. 5 cm



SUPPORT EN U
160 - 38 x 25 x 13 mm



EQUERRE CORNIERE
161 - 50 x 25 x 13 mm



CHAUDIERE COMPLETE AVEC JOUES
162 - 12,5 x 5 cm
162a - JOUE DE CHAUDIERE 50 x 19 mm
162b - CORPS DE CHAUDIERE



MANCHON
163 - 38 x 17 mm



ACCOUPLMENT A CARDAN
165



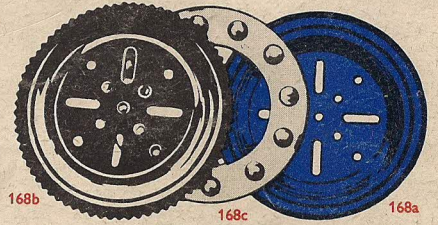
CHAPE D'ARTICULATION
166



PIGNON A GRANDES DENTS POUR SECTEUR
167c



COURONNE A REBORD POUR ROULEMENT A GALETS
167b - Diam. 25 cm



168b - ROULEMENT A BILLES COMPLET
168a - PLATEAU A REBORD DE ROULEMENT A BILLES
168c - PLATEAU A DENTURE DE ROULEMENT A BILLES
168a - ANNEAU MONTE AVEC BILLES



SUPPORT DE CHEMINEE
164 - 16 x 12 mm



BILLE
168d - diam. 9,5 mm



COLLIER TARAUD A CHEVILLE
173a



ACCOUPLMENT JUMBLE A DOUILLE
171



RESSORT D'ATTACHE POUR CORDE MECCANO
176



JOINT FLEXIBLE
175



COLLIER AVEC TIGE FILETEE
179



COURONNE A DOUBLE DENTURE
180 - diam. 9 cm



VOLANTS D'AUTOMOBILE
185 - 45 mm
185a - 60 mm



COURROIES DE TRANSMISSION
186 - 65 mm, lég.
186a - 15 cm, lég.
186b - 25 cm, lég.
186c - 25 cm épaisse
186d - 38 cm épaisse
186e - 50 cm épaisse



ROUES D'AUTO
187 - 60 mm
187b - 108 mm

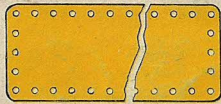


FLASQUE DE ROUE
187a - 47 mm

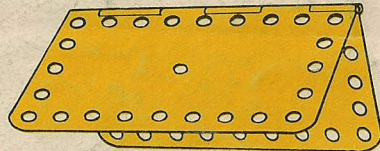
PLAQUES FLEXIBLES
188 - 6 x 4 cm
189 - 14 x 4 cm
190 - 6 x 6 cm
190a - 9 x 6 cm
191 - 11,5 x 6 cm
192 - 14 x 6 cm

PLAQUES PLASTIQUES BLEUES
194 - 6 x 4 cm
194a - 6 x 6 cm
194b - 9 x 6 cm
194c - 11,5 x 6 cm
194d - 14 x 4 cm
194e - 14 x 6 cm

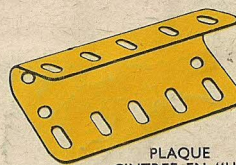
PLAQUES TRANSPARENTES
193 - 6 x 4 cm
193a - 6 x 6 cm



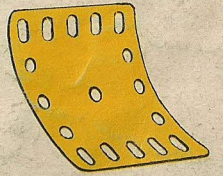
PLAQUES-BANDES
195 - 19 x 6 cm
196 - 24 x 6 cm
197 - 32 x 6 cm



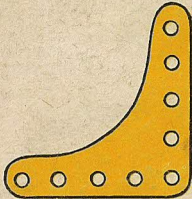
PLAQUE A CHARNIERE
198 - 11,5 x 6 cm



PLAQUE CINTREE EN "U"
199 - 60 x 60 x 7 mm



PLAQUE CINTREE
200 - Rayon 43 mm



PLAQUE GOUSSET FLEXIBLE
201 - 60 x 60 mm



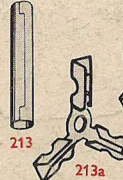
PIGNON ET ROUE HELICOIDAUX
211a - Diam. 14 mm
211b - Diam. 35 mm



RACCORD TRINGLE ET BANDE
212a



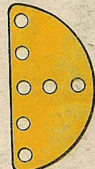
RACCORD TRINGLE ET BANDE A ANGLE DROIT
212a



RACCORD TRINGLES
213a



213 RACCORD TRINGLES
213a RACCORD DE TRINGLES TRIPLE
213b RACCORD DE TRINGLES TRIPLE A MOYEU



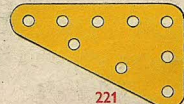
PLAQUE SEMI-CIRCULAIRE
214 - 65 mm



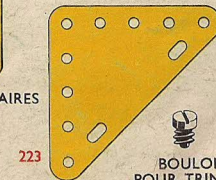
BANDE CINTREE A GLISSIERES
215 - 75 mm



CYLINDRE
216 - 6 x 3 cm



PLAQUES FLEXIBLES TRIANGULAIRES
221 - 6 x 4 cm
222 - 6 x 5 cm
223 - 6 x 6 cm
224 - 9 x 4 cm
225 - 9 x 5 cm
226 - 9 x 6 cm



223

BOULON POUR TRINGLE A CANNELURE
231



TRINGLE A CANNELURE
230 - 10 cm



BANDES ETROITES
235 - 5 trous 60 mm x 9 mm
235a - 6 trous 75 mm x 9 mm
235b - 7 trous 90 mm x 9 mm
235c - 9 trous 115 mm x 9 mm
235f - 11 trous 140 mm x 9 mm