

MECCANO®

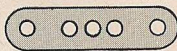
MANUEL D'INSTRUCTIONS

3

PIÈCES DÉTACHÉES MECCANO



5
BANDES
 1 - 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
 3 - 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



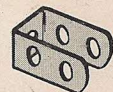
9c
CORNIÈRES
 7 - 49 trous 62 cm
 7a - 37 trous 47 cm
 8 - 25 trous 32 cm
 8a - 19 trous 24 cm
 8b - 15 trous 19 cm
 9 - 11 trous 14 cm



10
SUPPORT PLAT



11 - 12 x 12 mm
SUPPORT DOUBLE



11a - 12 x 25 mm
SUPPORT DOUBLE



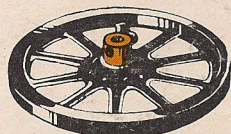
12
EQUERRES
 12 - 13 x 10 mm
 12a - 25 x 25 mm
 12b - 25 x 12 mm



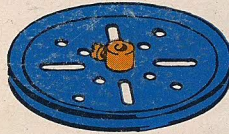
12c - 13 x 10 mm
EQUERRE A 135°



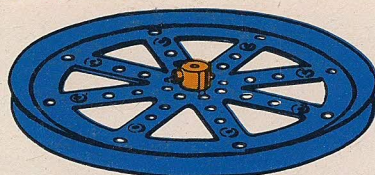
TRINGLES
 13 - Long. 29 cm
 13a - Long. 20 cm
 14 - Long. 16,5 cm
 15 - Long. 13 cm
 15a - Long. 11,5 cm
 15b - Long. 10 cm
 16 - Long. 9 cm
 16a - Long. 6 cm
 16b - Long. 7,5 cm
 17 - Long. 5 cm
 18a - Long. 4 cm
 18b - Long. 2,5 cm



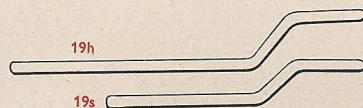
ROUE A MOYEU
 19a - Diam. 75 mm



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



22a



23b



23a

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

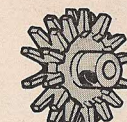
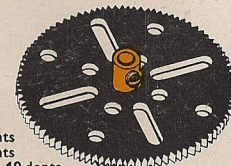


27



27b

ROUES DENTÉES
 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



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



PIGNON D'ANGLE
 30 - 26 dents 22 mm



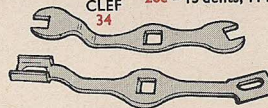
PIGNONS D'ANGLE
 30a - 16 dents 13 mm
 30c - 48 dents 39 mm
 Les 30a et 30c ne peuvent être utilisés qu'ensemble.



ROUE
 31 - Roue de 38 dents diam. 25 mm



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



34

CLEF PORTE-ECROU
 34b



CLAVETTE
 35



TOURNEVIS

36 long. 12,5 cm

36a à manche

TIGE EFFILÉE
 36c



BOULON
 37b - 5 mm



ECROU
 37a



RONDELLES METALLIQUES
 38 - 10 mm
 38d - 19 mm



CORDE MECCANO
 40



PALE D'HELICE
 41



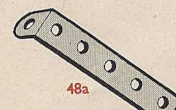
RESSORT DE TRACTION
 43



CHAPE
 44



CAVALIER
 45



48a

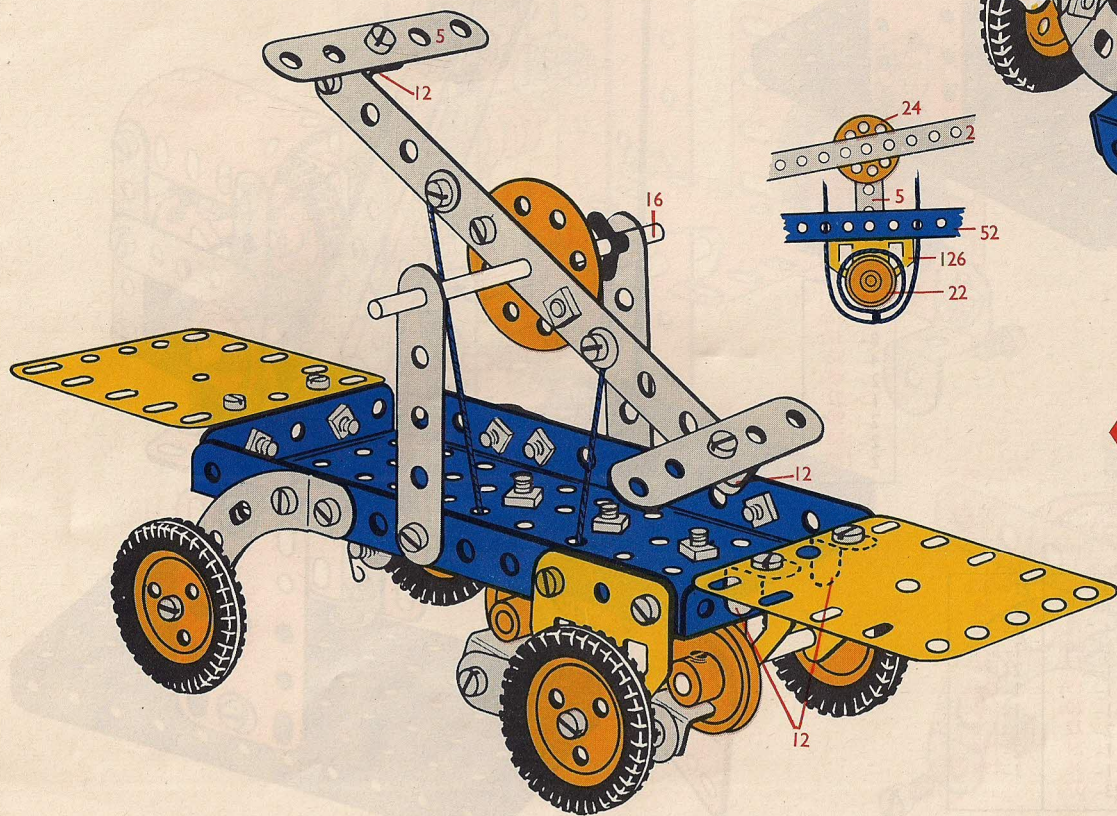
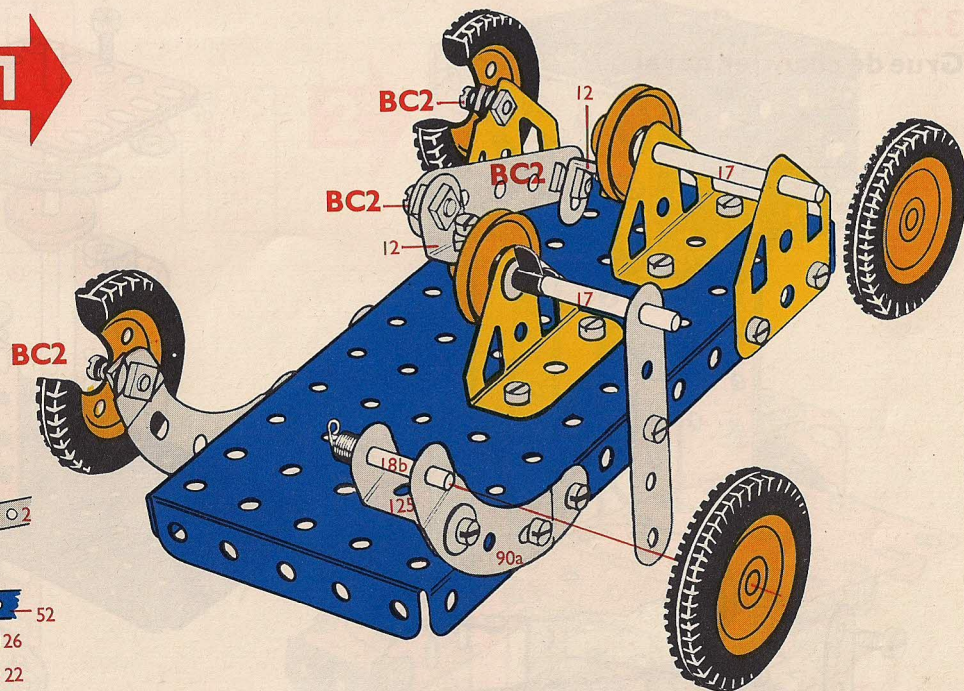
BANDES COUDEUSES
 46 - 60 x 25 mm
 47 - 60 x 38 mm
 47a - 75 x 38 mm
 48 - 38 x 12 mm
 48a - 60 x 12 mm
 48b - 90 x 12 mm
 48c - 115 x 12 mm
 48d - 140 x 12 mm



50 BAGUE D'ARRÊT A GLISSIERE

3.1. Tramway

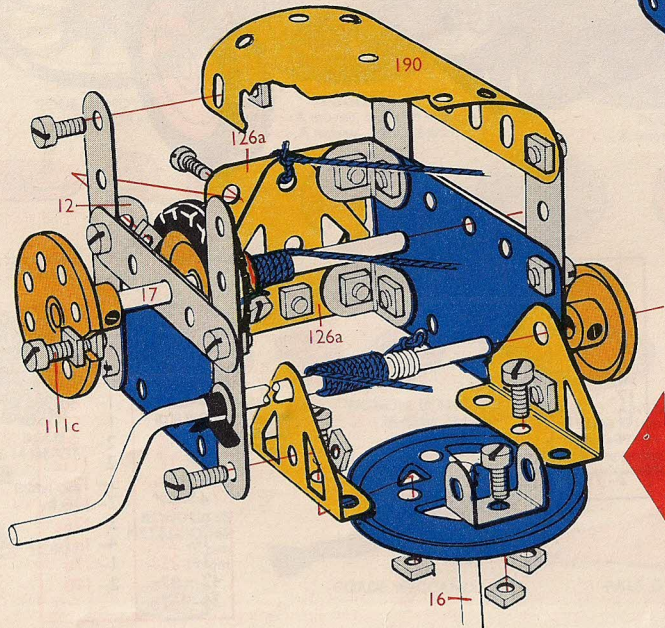
3-	5	6-	38
2-	12	1-	52
2-	17	2-	90a
1-	18b	2-	111c
4-	22	1-	125
2-	22a	2-	126
1-	35	2-	126a
25-	37a	4-	142c
19-	37b	1-	176



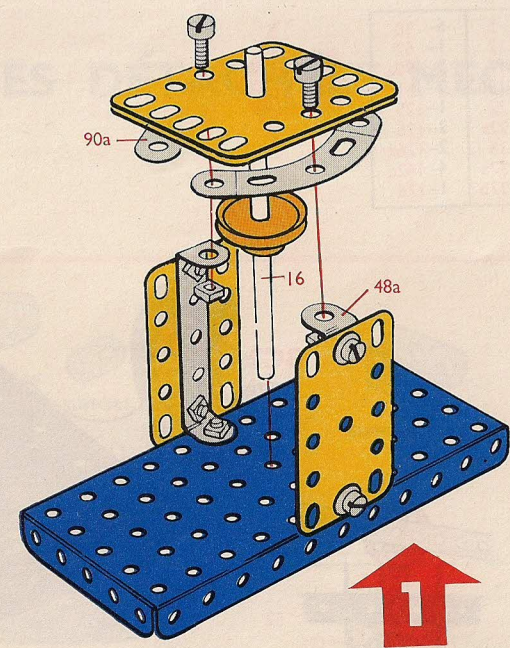
1-	2
3-	5
6-	12
1-	16
1-	24
2-	35
17-	37a
17-	37b
4-	38
1-	40
2-	190

1-	2	10-	38
6-	5	1-	40
8-	12	1-	52
1-	16	2-	90a
2-	17	2-	111c
1-	18b	1-	125
4-	22	2-	126
2-	22a	2-	126a
1-	24	4-	142c
3-	35	1-	176
42-	37a	2-	190
36-	37b		

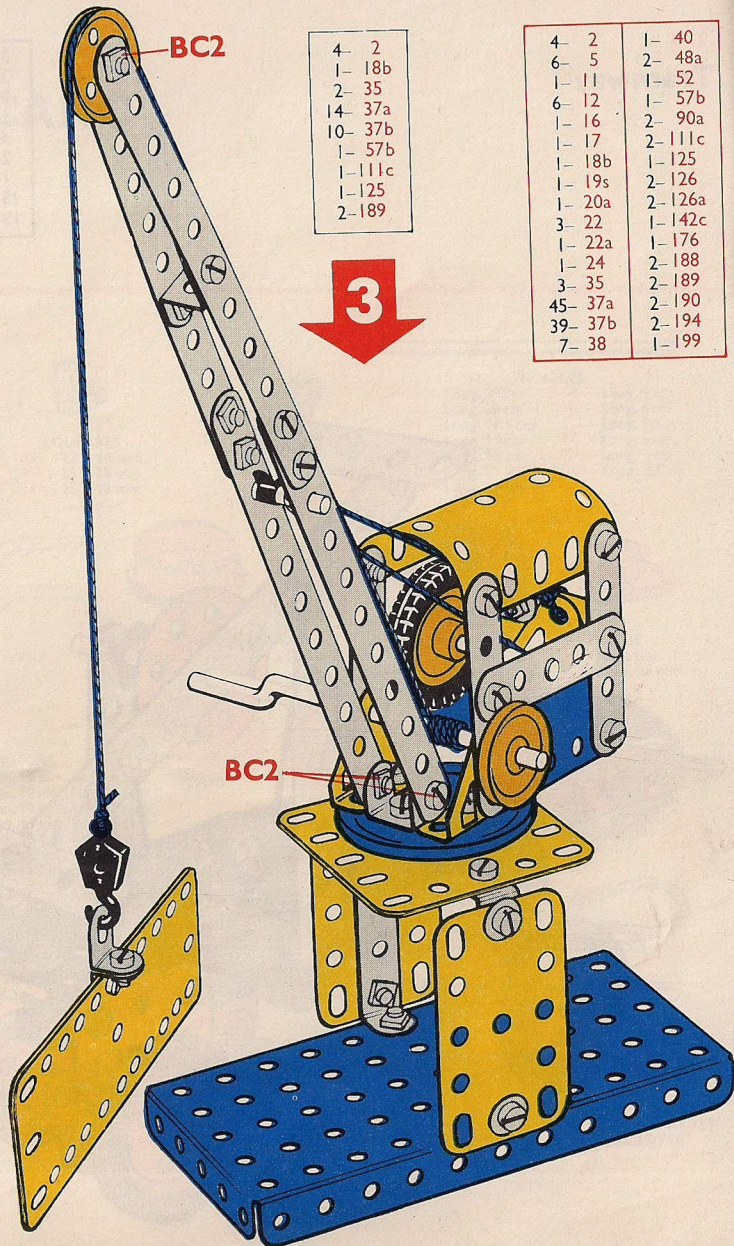
3.2. Grue de chantier naval



6-	5	21-	37b
1-	11	3-	38
4-	12	1-	40
1-	16	1-	111c
1-	17	2-	126
1-	19s	2-	126a
1-	20a	1-	142c
2-	22	1-	176
1-	24	2-	194
1-	35	1-	199
23-	37a		



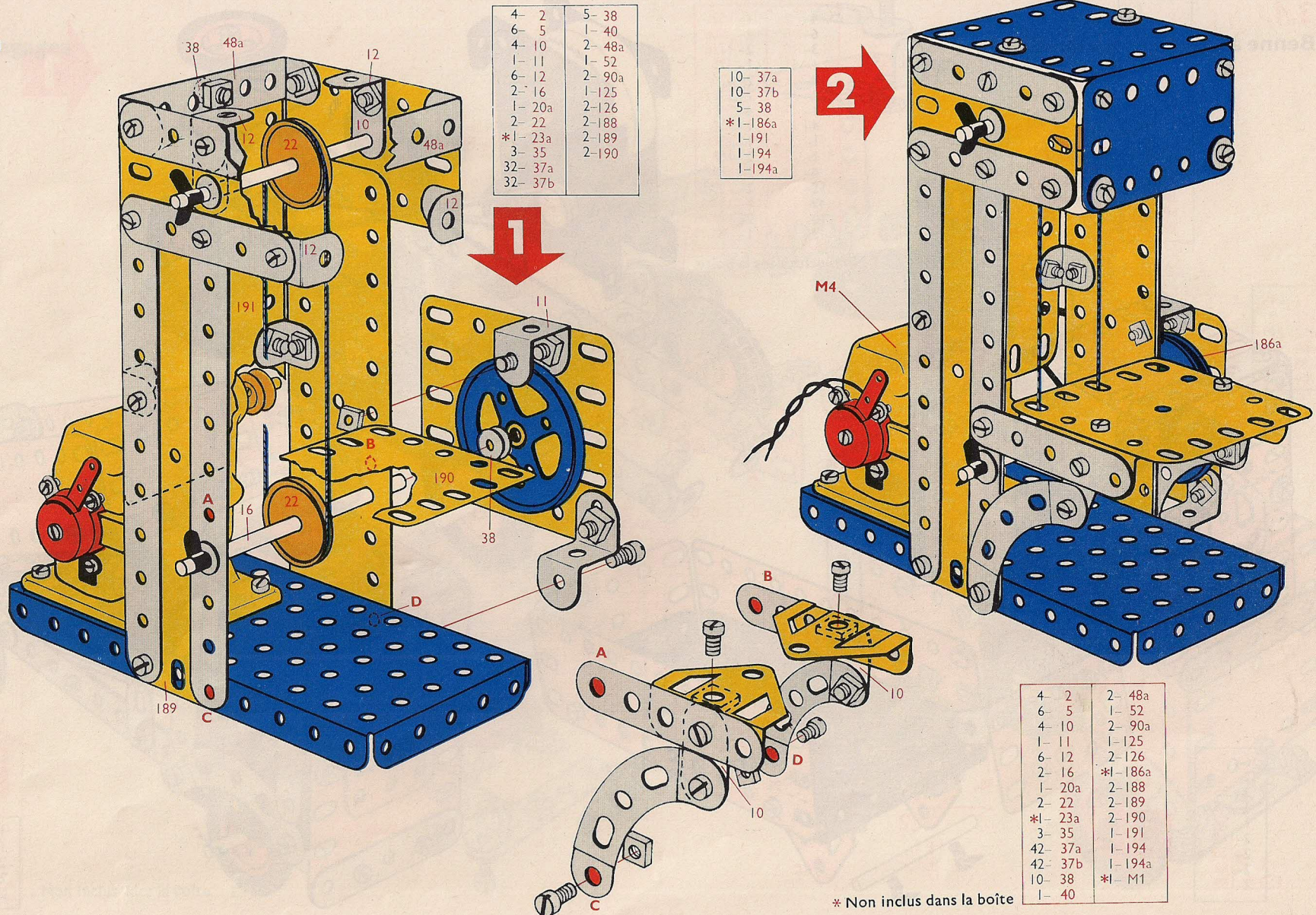
1-	22
8-	37a
8-	37b
4-	38
2-	48a
1-	52
2-	90a
2-	188
2-	190



4-	2
1-	18b
2-	35
14-	37a
10-	37b
1-	57b
1-	111c
1-	188b
1-	19s
1-	20a
3-	22
1-	22a
1-	24
3-	35
45-	37a
39-	37b
7-	38

1-	40
2-	48a
1-	52
1-	57b
2-	90a
2-	111c
1-	125
2-	126
2-	126a
1-	142c
1-	176
2-	188
2-	189
2-	190
2-	194
1-	199

3.3. Scie à ruban



4- 2	5- 38
6- 5	1- 40
4- 10	2- 48a
1- 11	1- 52
6- 12	2- 90a
2- 16	1-125
1- 20a	2-126
2- 22	2-188
*1- 23a	2-189
3- 35	2-190
32- 37a	
32- 37b	

10- 37a
10- 37b
5- 38
*1-186a
1-191
1-194
1-194a

4- 2	2- 48a
6- 5	1- 52
4- 10	2- 90a
1- 11	1-125
6- 12	2-126
2- 16	*1-186a
1- 20a	2-188
2- 22	2-189
*1- 23a	2-190
3- 35	1-191
42- 37a	1-194
42- 37b	1-194a
10- 38	*1- M1
1- 40	

* Non inclus dans la boîte

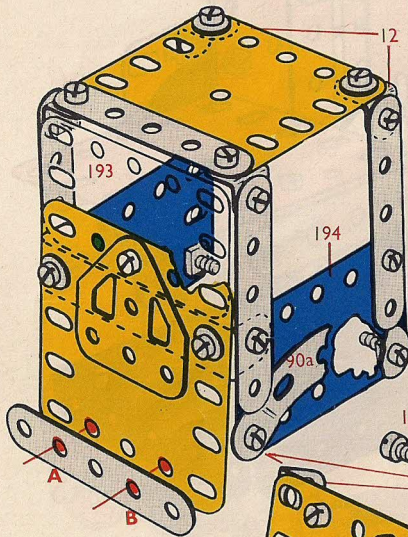
3.4.

Benne à cabine basculante

4-	2	1-	52
6-	5	2-	90a
3-	10	2-	111c
1-	11	1-	125
8-	12	2-	126
2-	16	2-	126a
1-	17	4-	142c
4-	22	1-	155
1-	22a	*1-	186b
*1-	23a	2-	188
4-	35	2-	189
55-	37a	2-	190
49-	37b	1-	193
10-	38	2-	194
2-	48a	*1-	M1

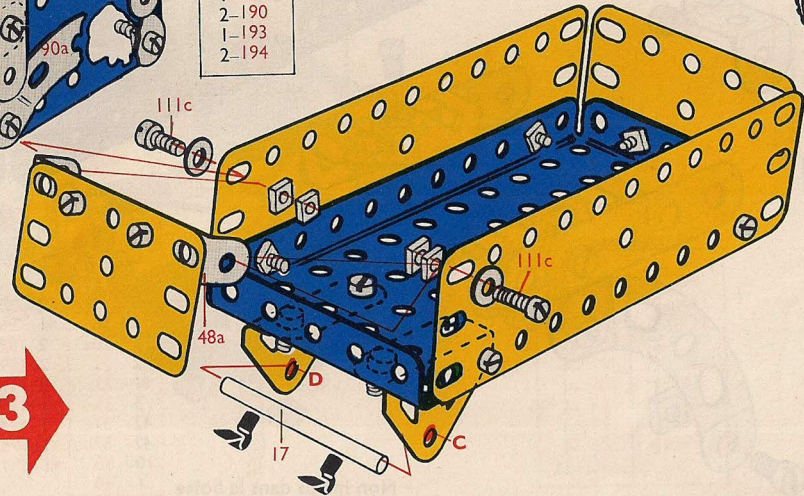
* Non inclus dans la boîte

4-	2
3-	10
1-	11
4-	12
2-	16
4-	22
1-	22a
*1-	23a
2-	35
18-	37a
16-	37b
4-	38
1-	125
1-	126a
4-	142c
1-	155
*1-	186b



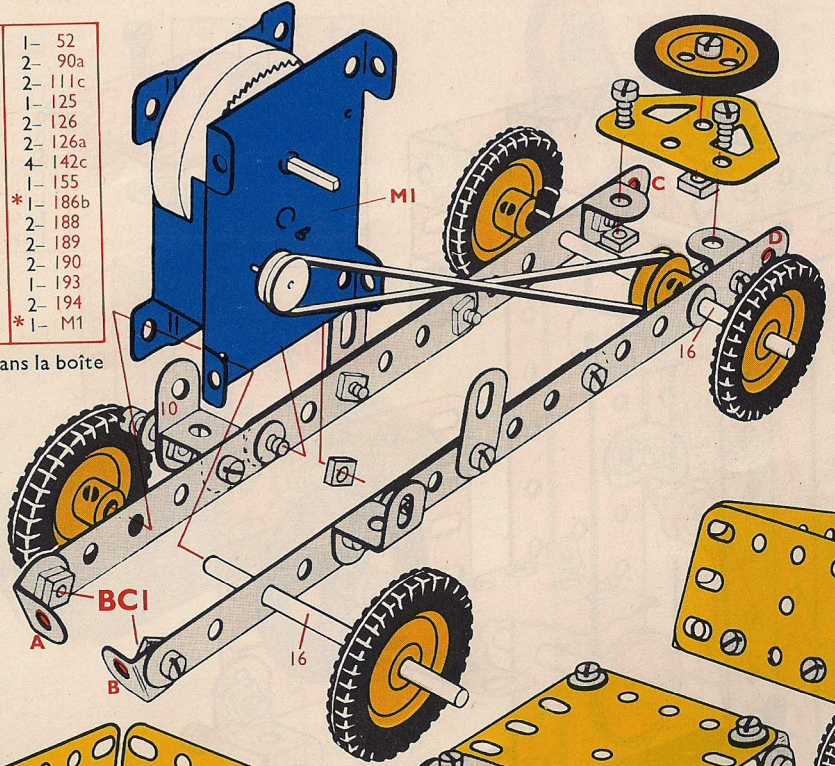
2

5-	5
4-	12
19-	37a
19-	37b
4-	38
1-	48a
2-	90a
1-	126a
2-	190
1-	193
2-	194

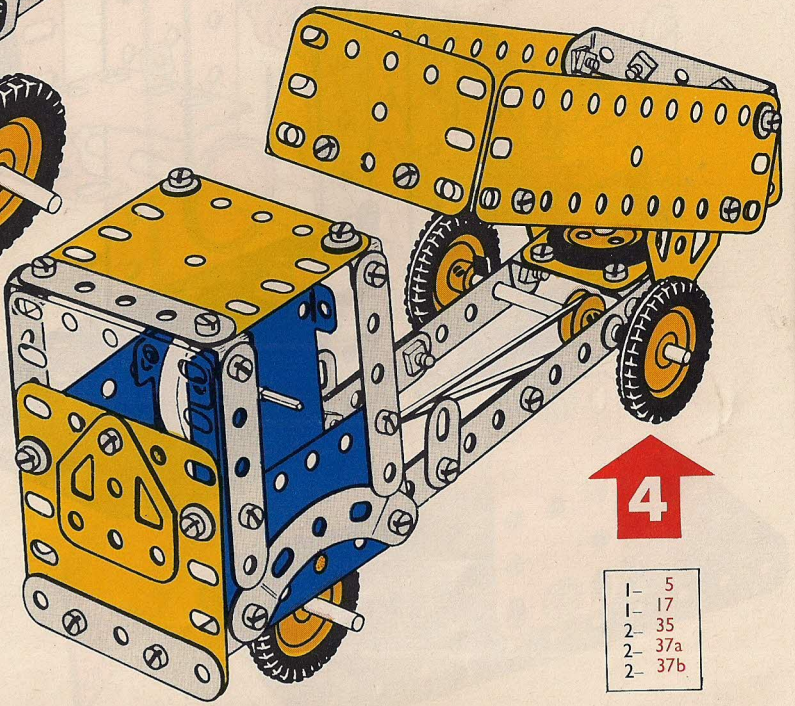


3

16-	37a
12-	37b
2-	38
1-	48a
1-	52
2-	111c
2-	126
2-	188
2-	189



1



4

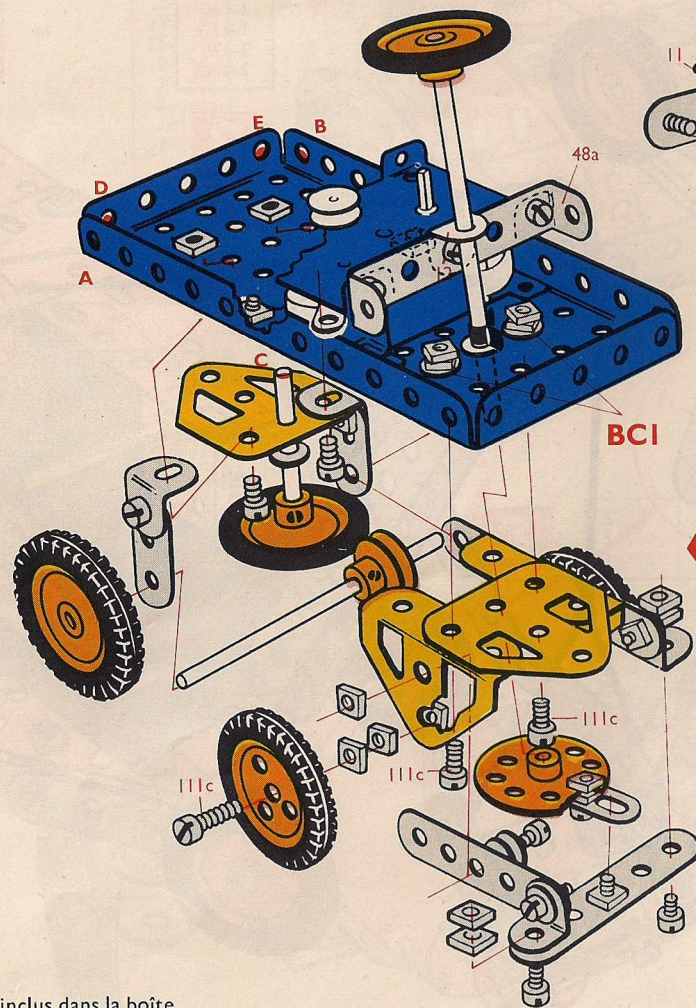
1-	5
1-	17
2-	35
2-	37a
2-	37b

3.5.

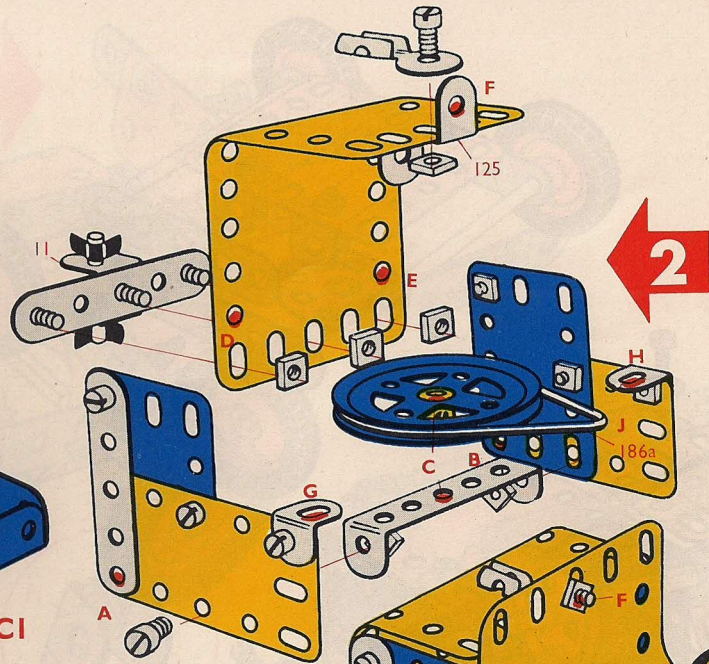
Chariot à bagages

6	-	5	1	-	52
3	-	10	2	-	90a
1	-	11	4	-	111c
8	-	12	1	-	125
2	-	16	2	-	126
1	-	17	2	-	126a
1	-	18b	4	-	142c
1	-	20a	2	-	155
4	-	22	* 1	-	186a
2	-	22a	2	-	188
1	-	24	2	-	189
3	-	35	2	-	190
56	-	37a	1	-	191
43	-	37b	2	-	194
10	-	38	1	-	212
2	-	48a	* 1	-	M1

* Non inclus dans la boîte



3	-	5	17	-	37b
3	-	10	10	-	38
5	-	12	1	-	48a
2	-	16	1	-	52
1	-	17	4	-	111c
4	-	22	2	-	126
2	-	22a	2	-	126a
1	-	24	4	-	142c
1	-	35	2	-	155
30	-	37a			

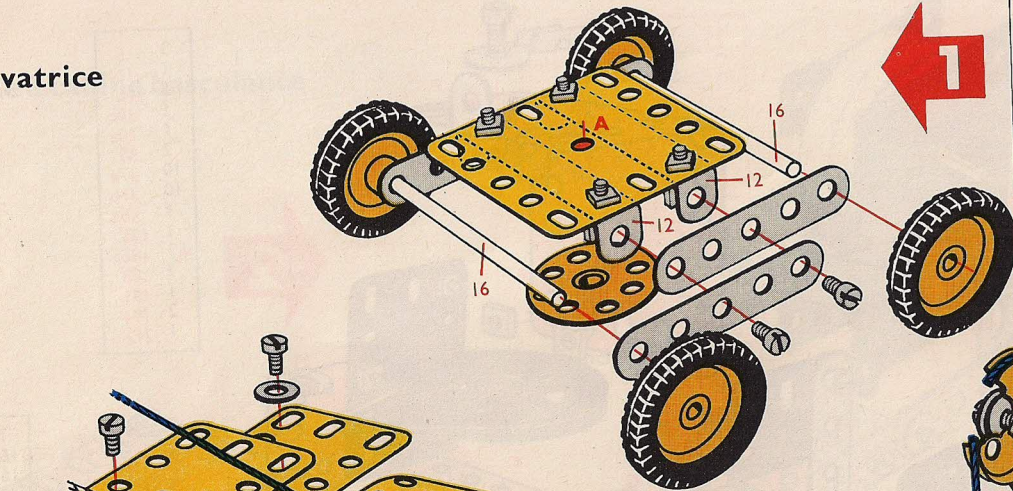


3	-	5
1	-	11
2	-	12
1	-	18b
1	-	20a
2	-	35
10	-	37a
10	-	37b
1	-	48a
1	-	125
* 1	-	186a
2	-	188
1	-	191
2	-	194
1	-	212

1	-	12
16	-	37a
16	-	37b
2	-	90a
2	-	189
2	-	190

BCI

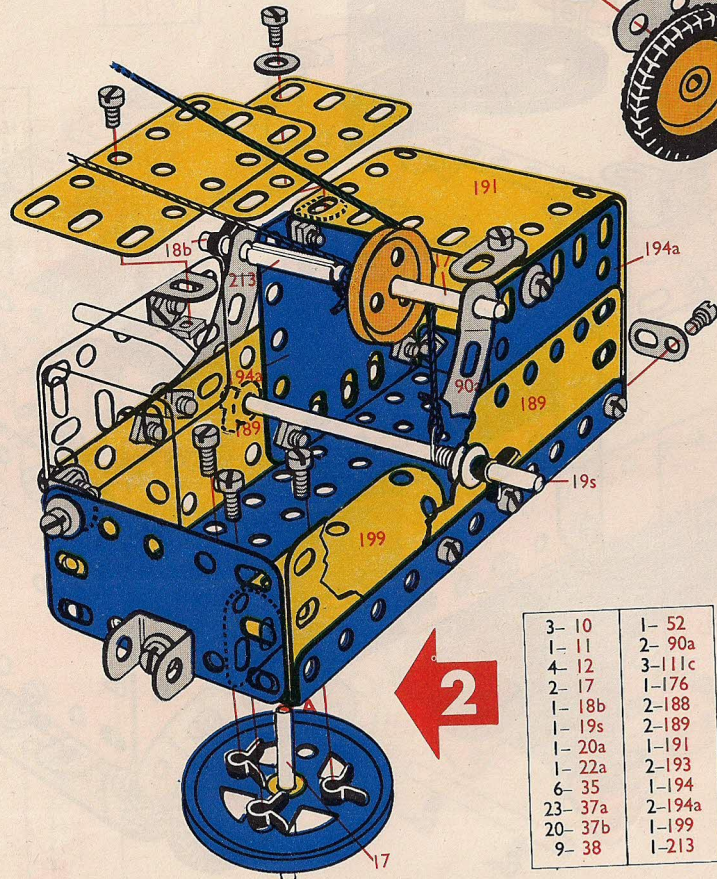
3.6. Excavatrice



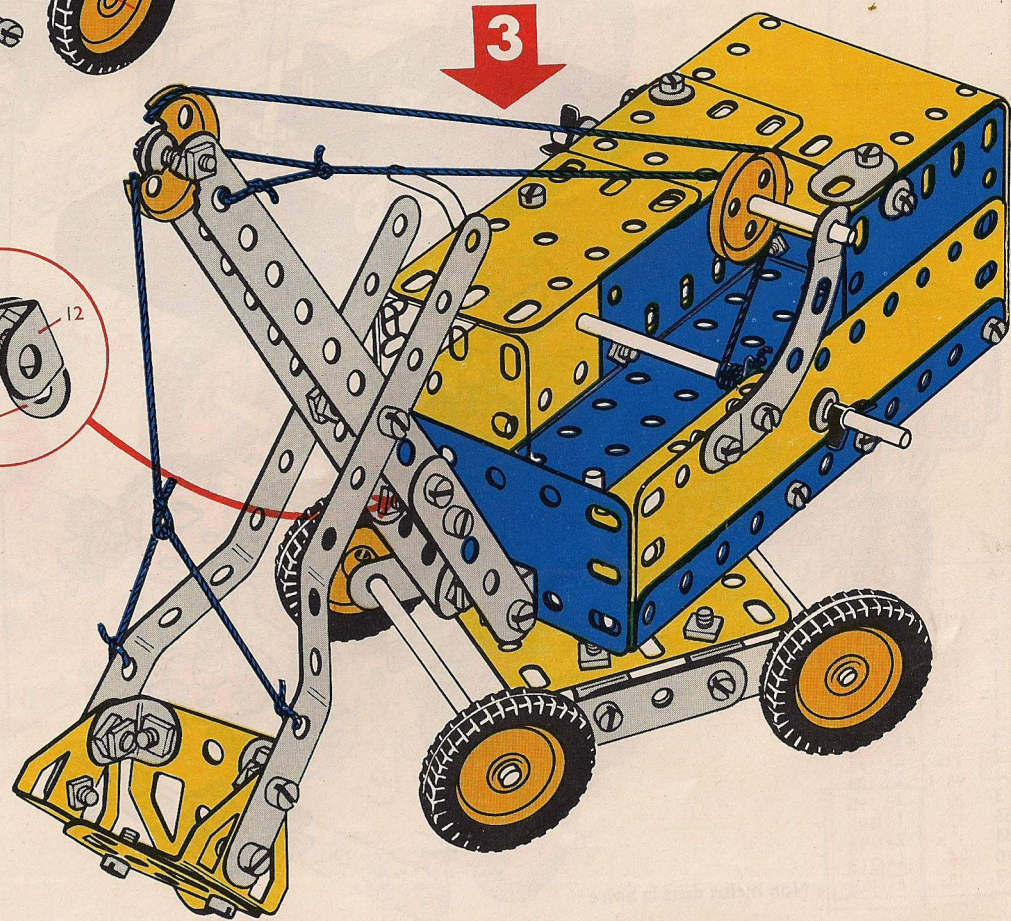
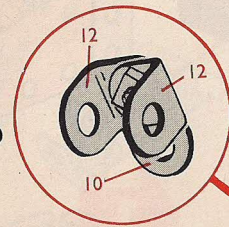
4-	5
2-	16
4-	22
1-	24
8-	37a
8-	37b
2-	48a
4-	142c
1-	190

4-	2
6-	5
2-	10
4-	12
1-	22a
25-	37a
8-	37b
16-	37b
1-	38
1-	40
1-	38
1-	40
1-	111c
2-	126
2-	126a

4-	2	1-	24	4-	142c
6-	5	6-	35	1-	176
4-	10	56-	37a	2-	188
1-	11	45-	37b	2-	189
8-	12	10-	38	1-	190
2-	16	1-	40	1-	191
2-	17	2-	48a	2-	193
1-	18b	1-	52	1-	194
1-	19s	2-	90a	2-	194a
1-	20a	4-	111c	1-	199
4-	22	2-	126	1-	213
2-	22a	2-	126a		



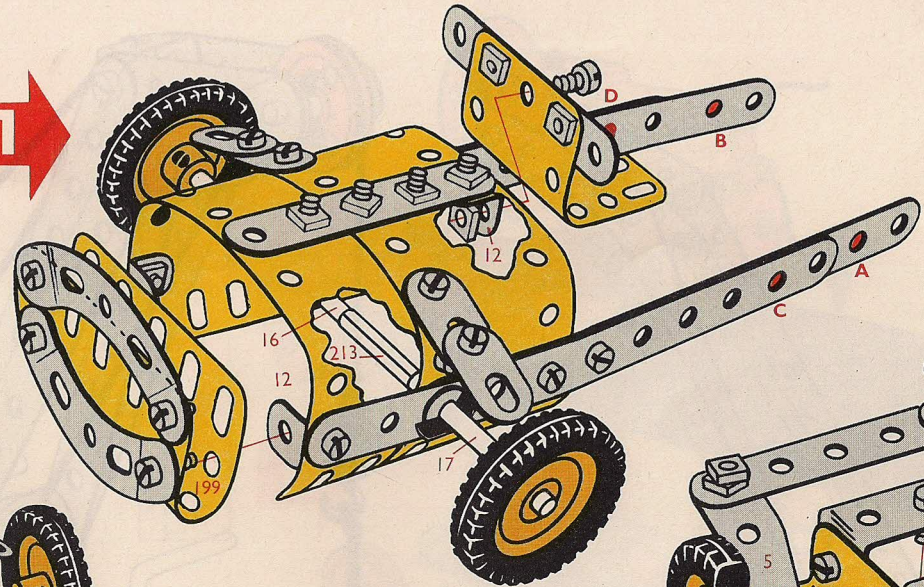
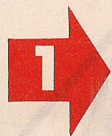
3-	10	1-	52
1-	11	2-	90a
4-	12	3-	111c
2-	17	1-	176
1-	18b	2-	188
1-	19s	2-	189
1-	20a	1-	191
1-	22a	2-	193
6-	35	1-	194
23-	37a	2-	194a
20-	37b	1-	199
9-	38	1-	213



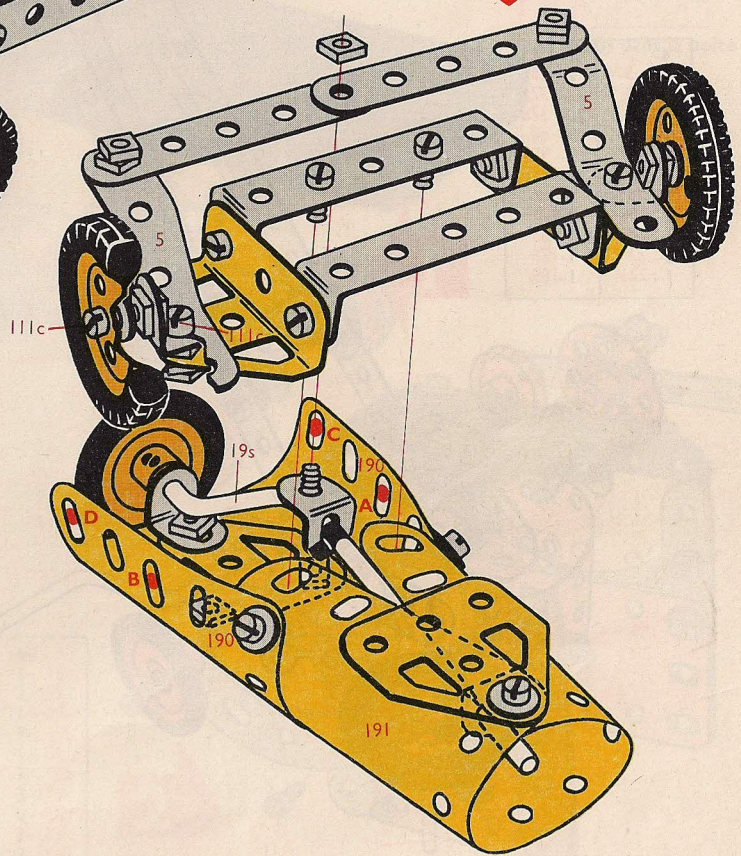
3.7.

Voiture de course

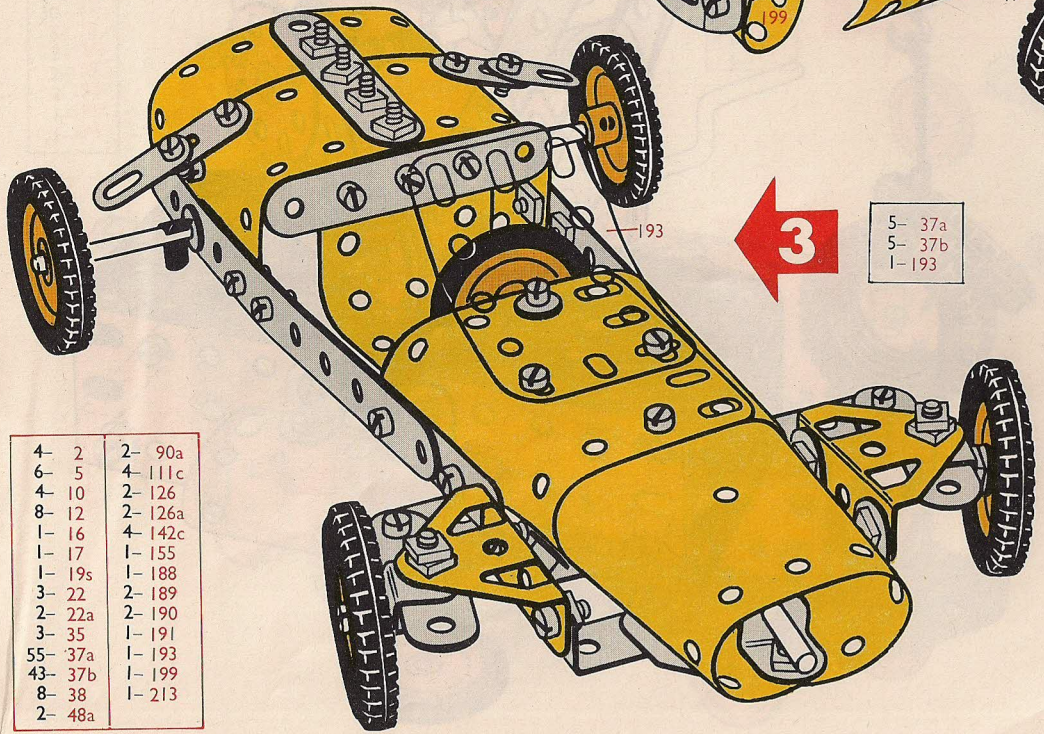
- 4- 2
- 2- 5
- 4- 10
- 3- 12
- 1- 16
- 1- 17
- 2- 22
- 2- 35
- 23- 37a
- 23- 37b
- 2- 38
- 2- 90a
- 2- 142c
- 1- 188
- 2- 189
- 1- 199
- 1- 213



- 4- 5
- 5- 12
- 1- 19s
- 1- 22
- 2- 22a
- 1- 35
- 27- 37a
- 15- 37b
- 6- 38
- 2- 48a
- 4- 111c
- 2- 126
- 2- 126a
- 2- 142c
- 1- 155
- 2- 190
- 1- 191



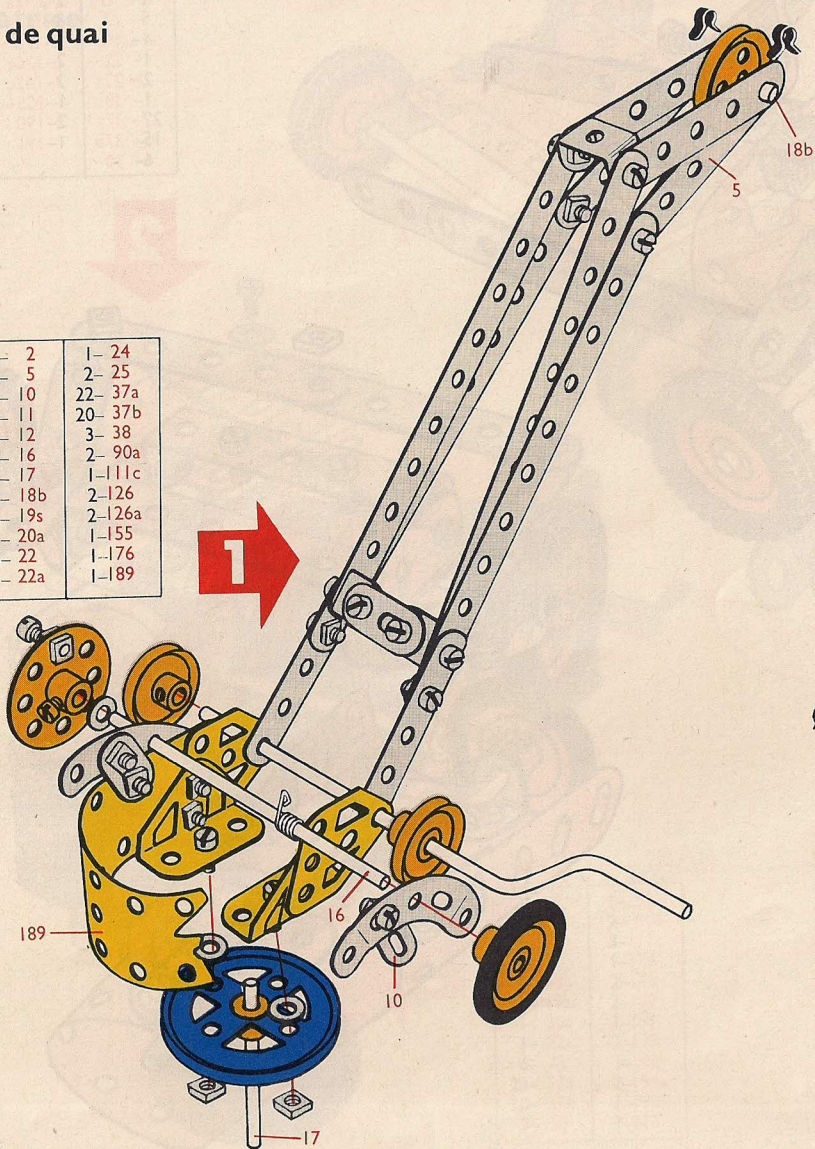
- 5- 37a
- 5- 37b
- 1- 193



- 4- 2
- 6- 5
- 4- 10
- 8- 12
- 1- 16
- 1- 17
- 1- 19s
- 3- 22
- 2- 22a
- 3- 35
- 55- 37a
- 43- 37b
- 8- 38
- 2- 48a
- 2- 90a
- 4- 111c
- 2- 126
- 2- 126a
- 4- 142c
- 1- 155
- 1- 188
- 2- 189
- 2- 190
- 1- 191
- 1- 193
- 1- 199
- 1- 213

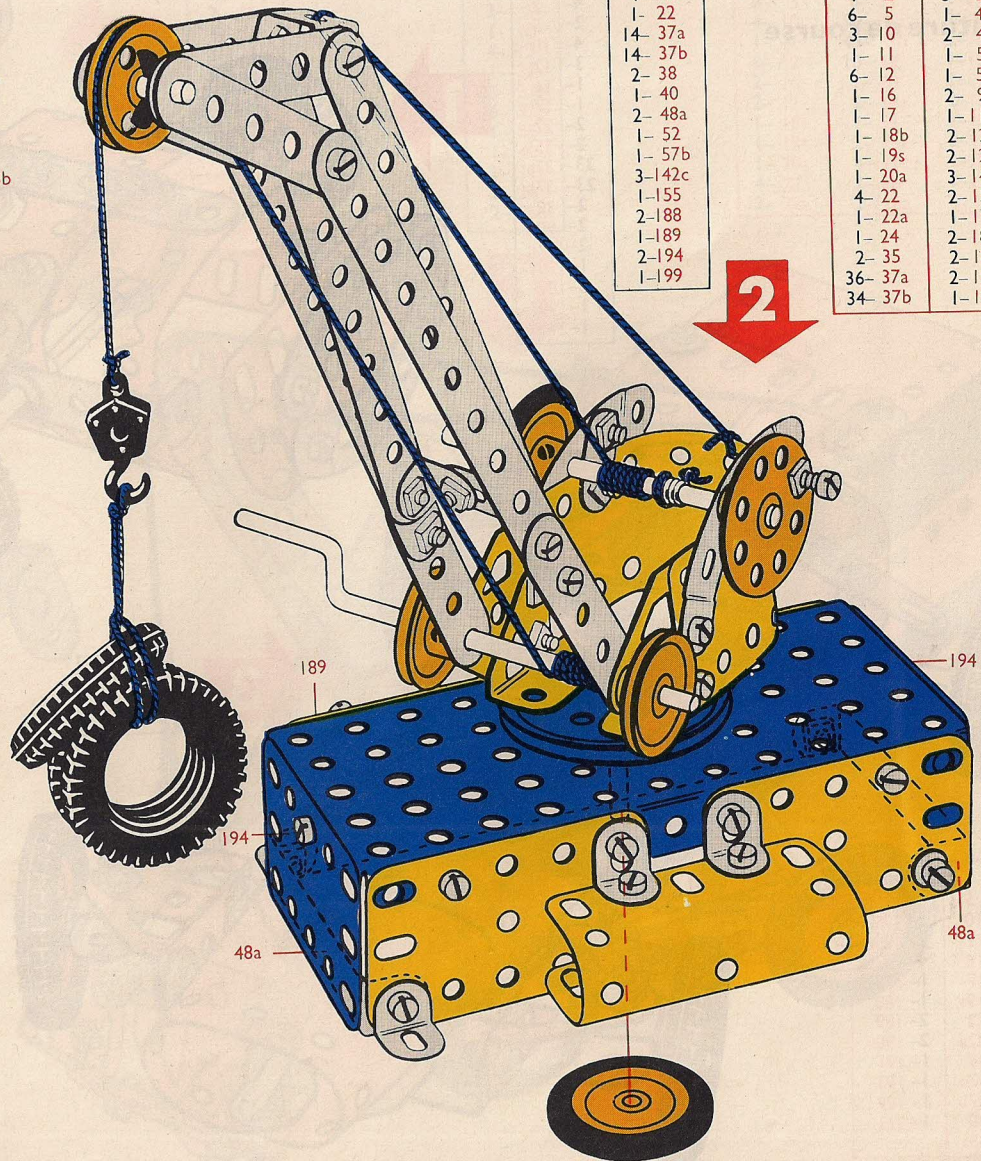
3.8. Grue de quai

4- 2	1- 24
6- 5	2- 25
3- 10	22- 37a
1- 11	20- 37b
2- 12	3- 38
1- 16	2- 90a
1- 17	1- 111c
1- 18b	2- 126
1- 19s	2- 126a
1- 20a	1- 155
3- 22	1- 176
1- 22a	1- 189



4- 12
1- 22
14- 37a
14- 37b
2- 38
1- 40
2- 48a
1- 52
1- 57b
3- 142c
1- 155
2- 188
1- 189
2- 194
1- 199

4- 2	5- 38
6- 5	1- 40
3- 10	2- 48a
1- 11	1- 52
6- 12	1- 57b
1- 16	2- 90a
1- 17	1- 111c
1- 18b	2- 126
1- 19s	2- 126a
1- 20a	3- 142c
4- 22	2- 155
1- 22a	1- 176
1- 24	2- 188
2- 35	2- 189
36- 37a	2- 194
34- 37b	1- 199



3.9.

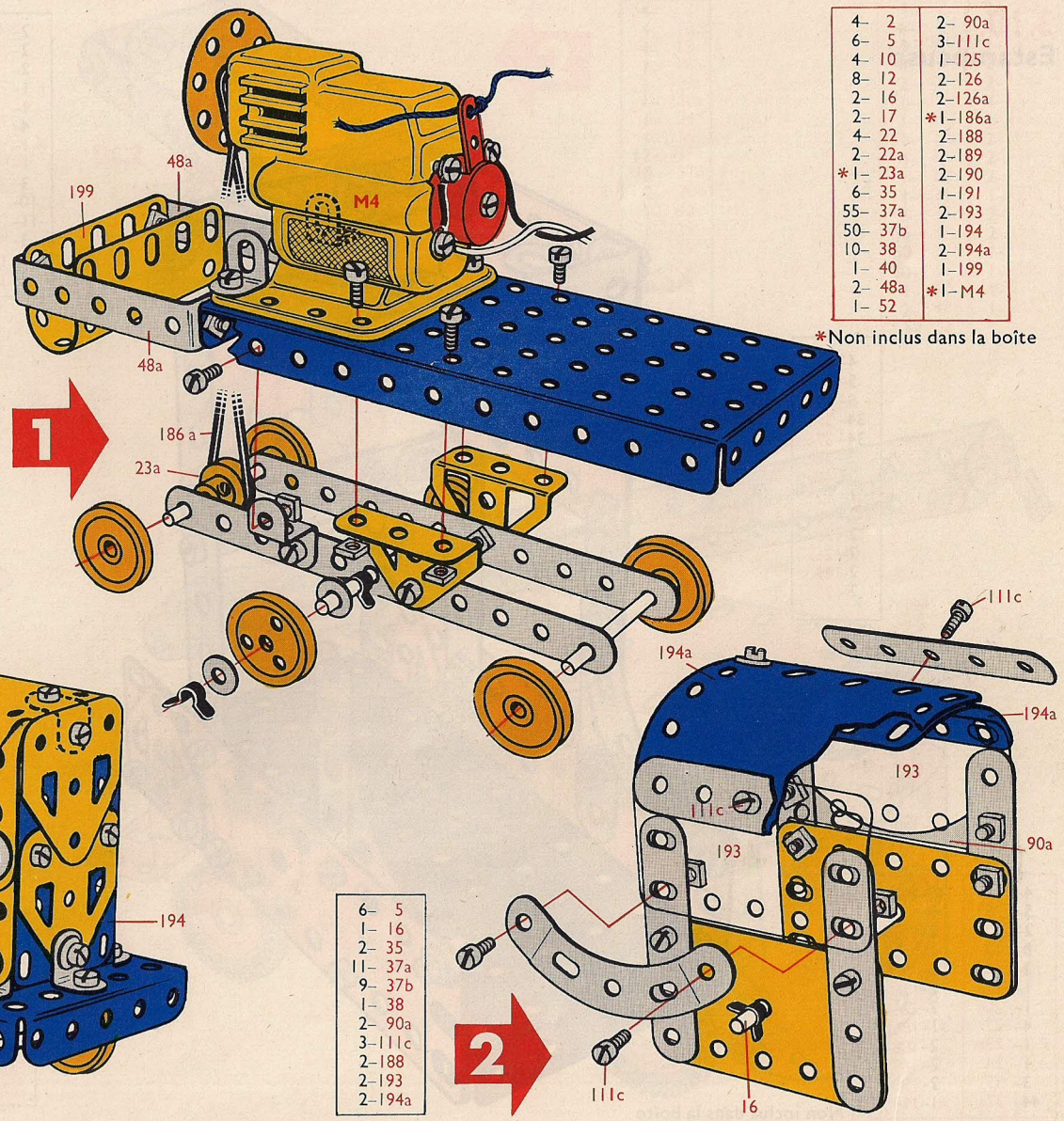
Diesel de manoeuvre

- 2- 2
- 2- 12
- 1- 16
- 2- 17
- 4- 22
- 2- 22a
- * 1- 23a
- 1- 24
- 4- 35
- 14- 37a
- 14- 37b
- 4- 38
- 1- 40
- 2- 48a
- 1- 52
- 1- 125
- 2- 126
- * 1- 186a
- 1- 199

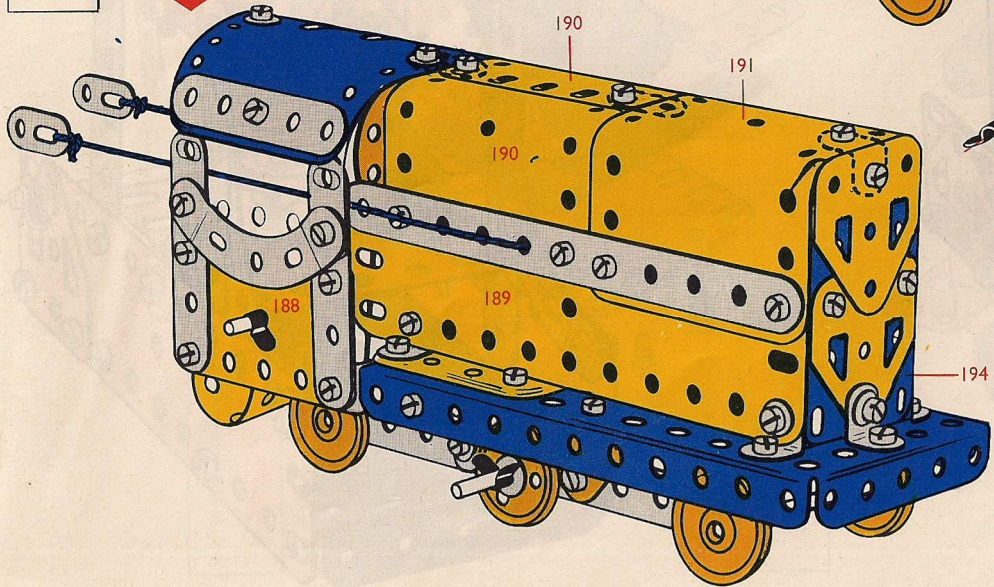
- 4- 2
- 6- 5
- 4- 10
- 8- 12
- 2- 16
- 2- 17
- 4- 22
- 2- 22a
- * 1- 23a
- 6- 35
- 55- 37a
- 50- 37b
- 10- 38
- 1- 40
- 2- 48a
- 1- 52
- 2- 90a
- 3- 111c
- 1- 125
- 2- 126
- 2- 126a
- * 1- 186a
- 2- 188
- 2- 189
- 2- 190
- 1- 191
- 2- 193
- 1- 194
- 2- 194a
- 1- 199
- * 1- M4

* Non inclus dans la boîte

- 2- 2
- 4- 10
- 6- 12
- 30- 37a
- 30- 37b
- 5- 38
- 2- 126a
- 2- 189
- 2- 190
- 1- 191
- 1- 194

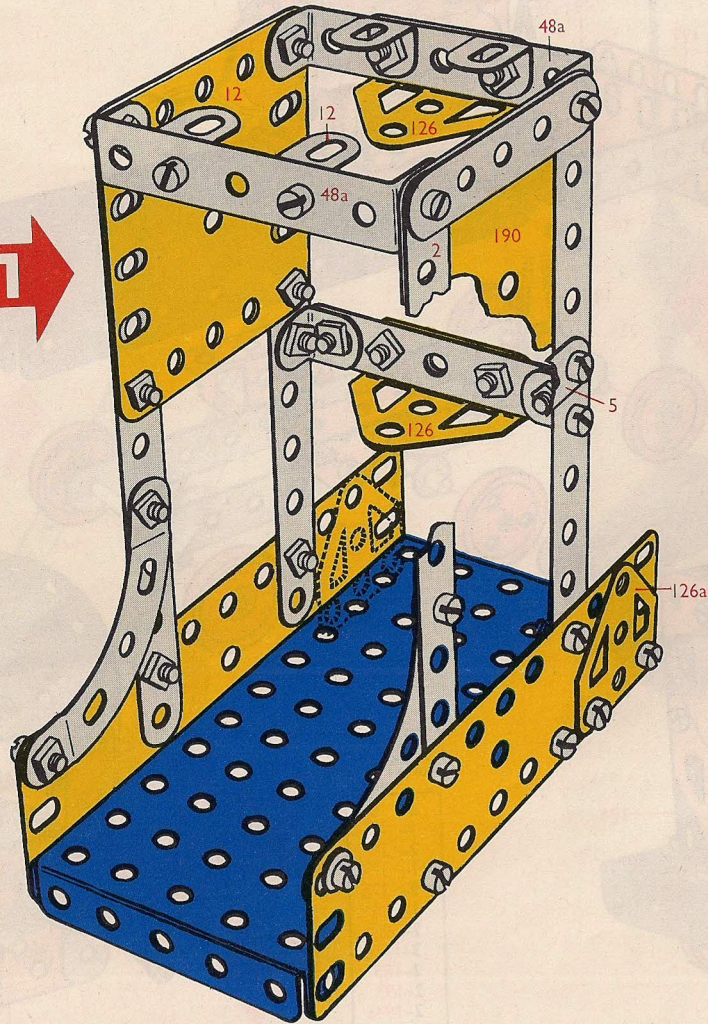


- 6- 5
- 1- 16
- 2- 35
- 11- 37a
- 9- 37b
- 1- 38
- 2- 90a
- 3- 111c
- 2- 188
- 2- 193
- 2- 194a



3.10. Estampeuse

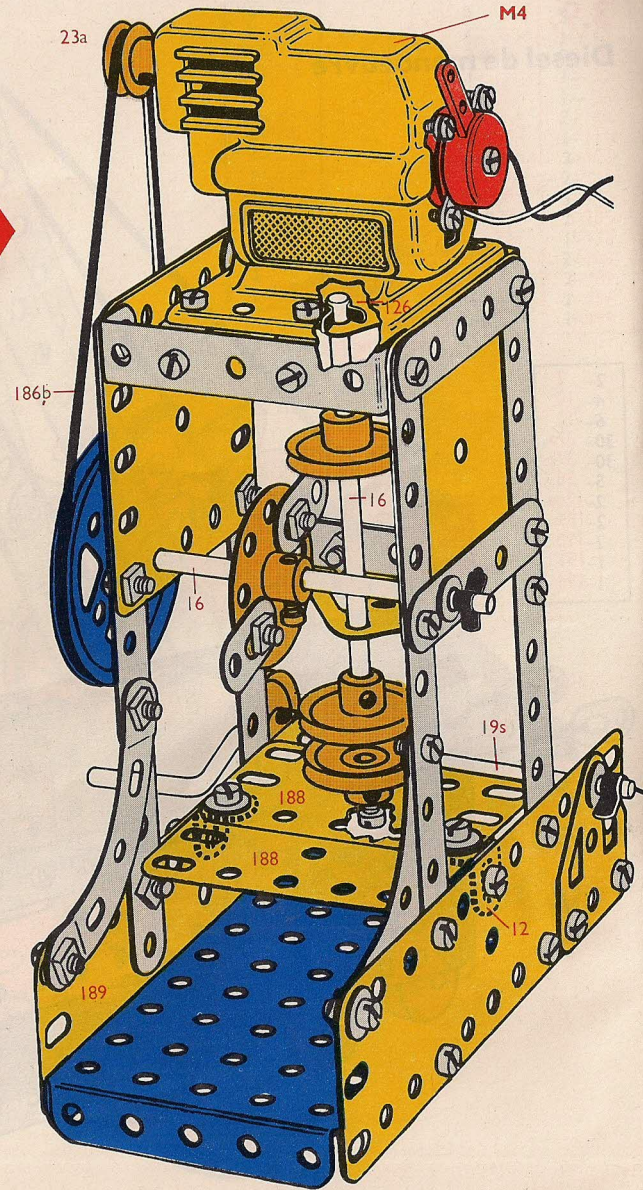
- 4- 2
5- 5
6- 12
34- 37a
34- 37b
2- 38
2- 48a
1- 52
2- 90a
2- 126
2- 126a
2- 189
2- 190



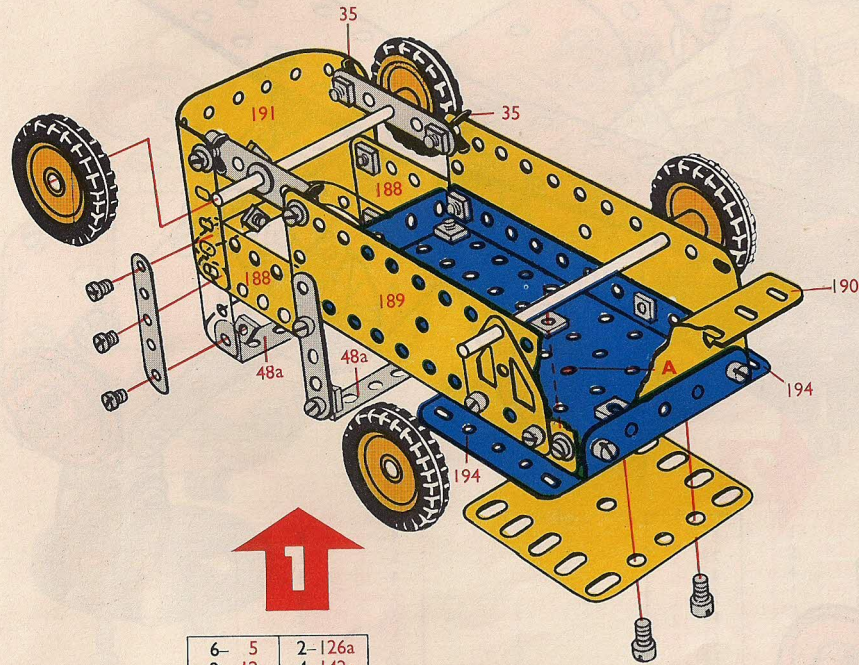
- | | |
|----------|----------|
| 4- 2 | 45- 37b |
| 5- 5 | 6- 38 |
| 2- 10 | 2- 48a |
| 8- 12 | 1- 52 |
| 2- 16 | 2- 90a |
| 1- 19s | 2- 126 |
| 1- 20a | 2- 126a |
| 4- 22 | *1- 186b |
| * 1- 23a | 2- 188 |
| 1- 24 | 2- 189 |
| 3- 35 | 2- 190 |
| 44- 37a | *1- M4 |

* Non inclus dans la boîte

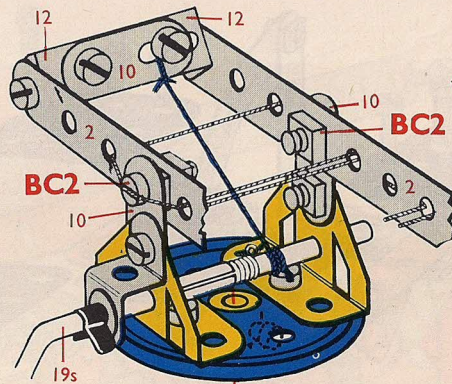
- | |
|-----------|
| 2- 10 |
| 2- 12 |
| 2- 16 |
| 1- 19s |
| 1- 20a |
| 4- 22 |
| * 1- 23a |
| 1- 24 |
| 3- 35 |
| 10- 37a |
| 11- 37b |
| 3- 38 |
| * 1- 186b |
| 2- 188 |



3.11. Echelle de pompiers

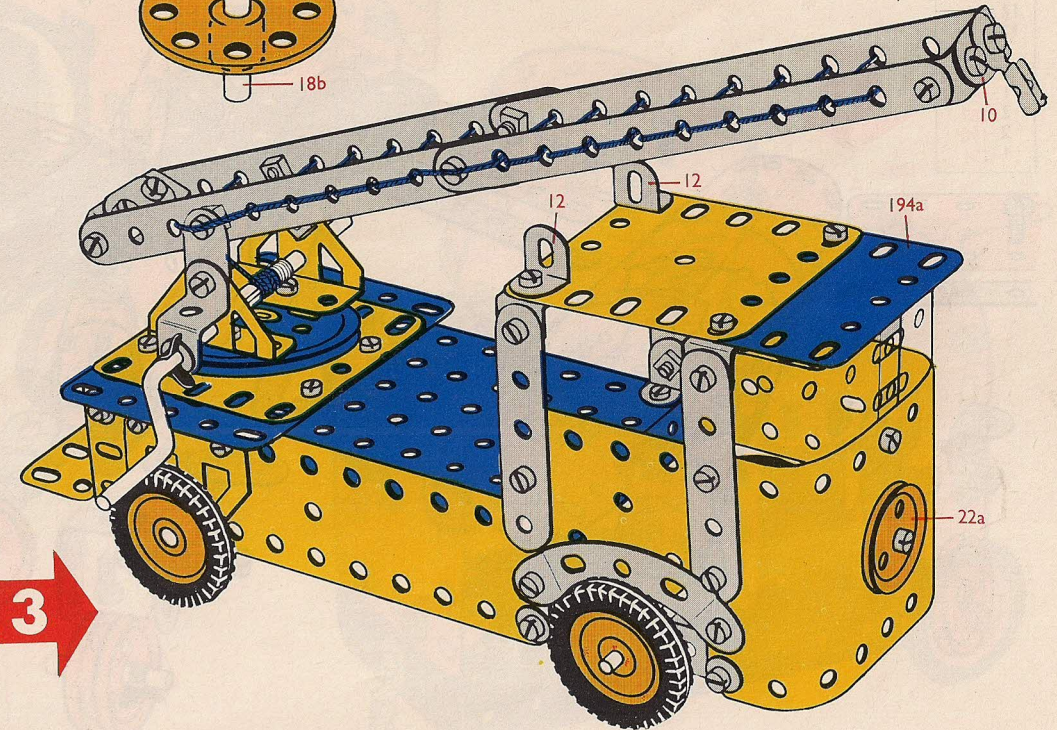


6- 5	2- 126a
2- 12	4- 142c
2- 16	2- 188
4- 22	2- 189
4- 35	1- 190
34- 37a	1- 191
30- 37b	2- 193
8- 38	2- 194
2- 48a	2- 194
1- 52	1- 199
4- 111c	



4- 2	
4- 10	
4- 12	
1- 18b	
1- 19s	
1- 20a	
1- 24	
1- 35	
12- 37a	
10- 37b	
2- 38	
1- 40	
1- 125	
2- 126	
1- 176	
1- 212	
1- 213	

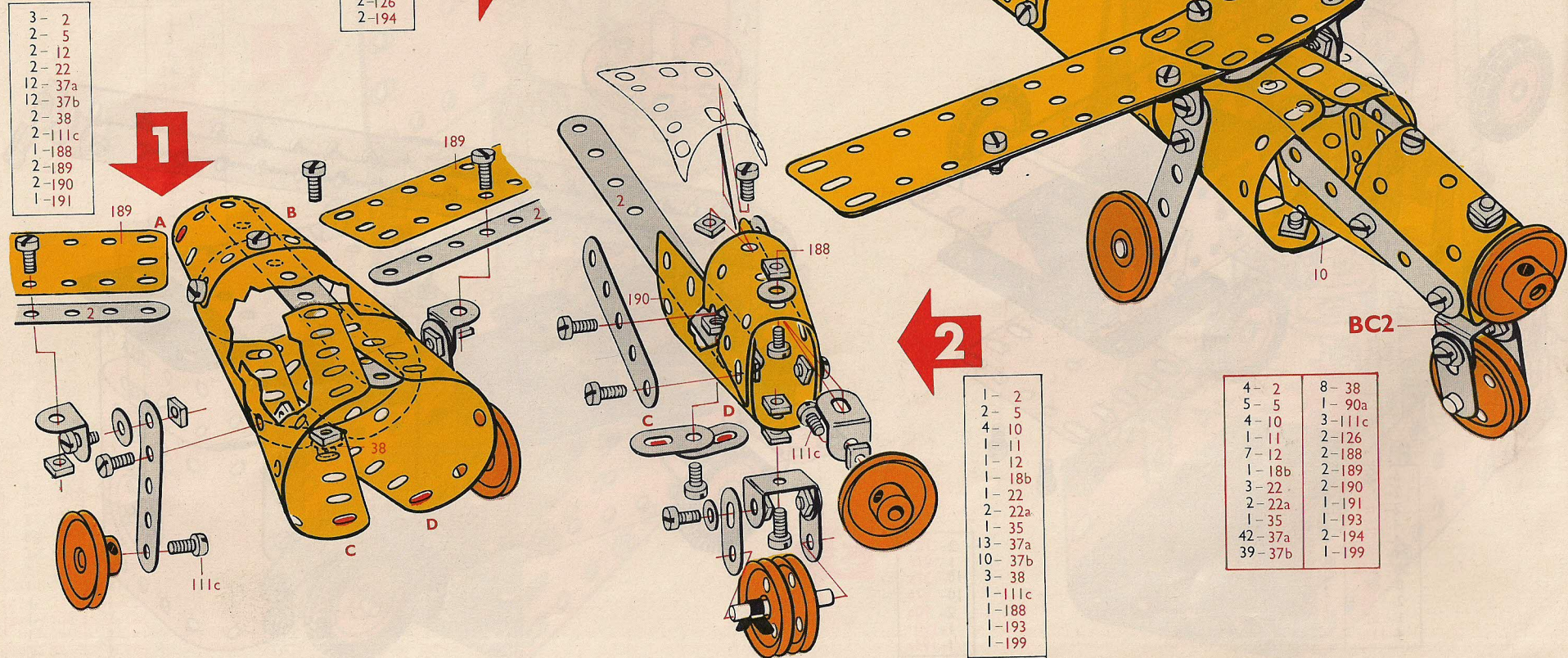
4- 2	2- 90a
6- 5	4- 111c
4- 10	1- 125
8- 12	2- 126
2- 16	2- 126a
1- 18b	4- 142c
1- 19s	1- 176
1- 20a	2- 188
4- 22	2- 189
1- 22a	2- 190
1- 24	1- 191
5- 35	2- 193
56- 37a	2- 194
50- 37b	1- 194a
10- 38	1- 199
1- 40	1- 199
1- 48	1- 212
2- 48a	1- 213
1- 52	



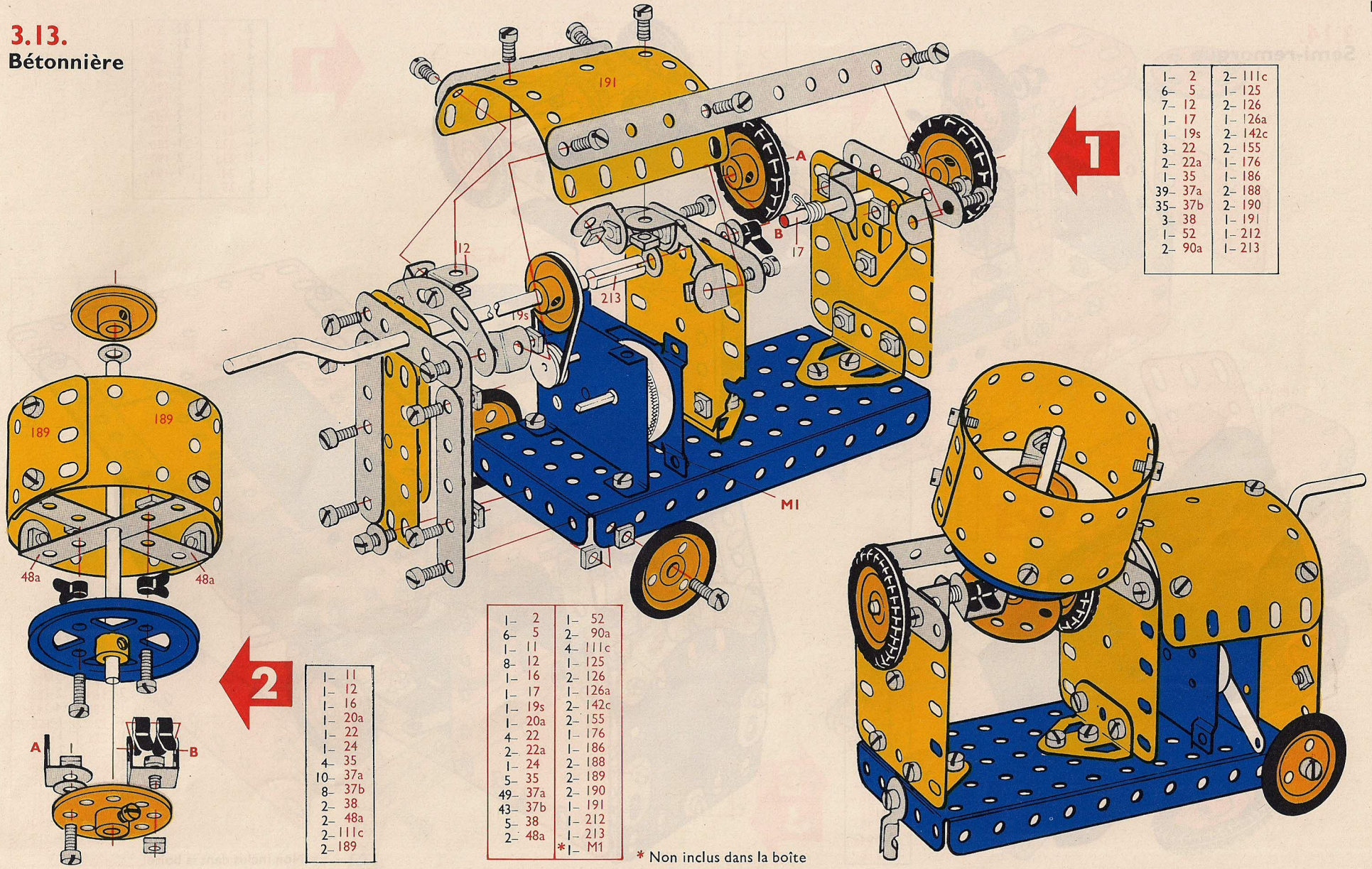
2- 12
1- 22a
10- 37a
10- 37b
2- 90a
1- 190
1- 194a

3.12.

Avion à réaction



3.13. Bétonnière



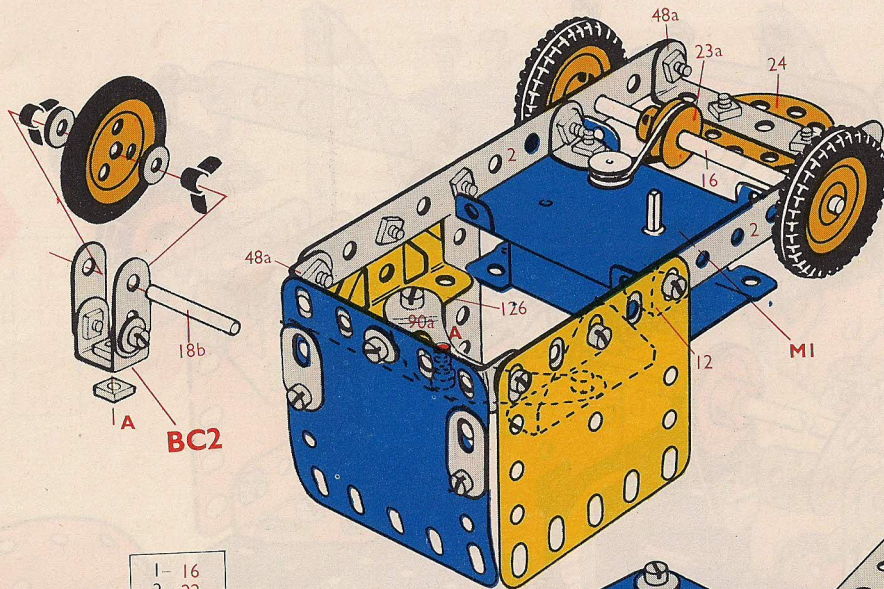
1-	2	2-	111c
6-	5	1-	125
7-	12	2-	126
1-	17	1-	126a
1-	19s	2-	142c
3-	22	2-	155
2-	22a	1-	176
1-	35	1-	186
39-	37a	2-	188
35-	37b	2-	190
3-	38	1-	191
1-	52	1-	212
2-	90a	1-	213

1-	11
1-	12
1-	16
1-	20a
1-	22
1-	24
4-	35
10-	37a
8-	37b
2-	38
2-	48a
2-	111c
2-	189

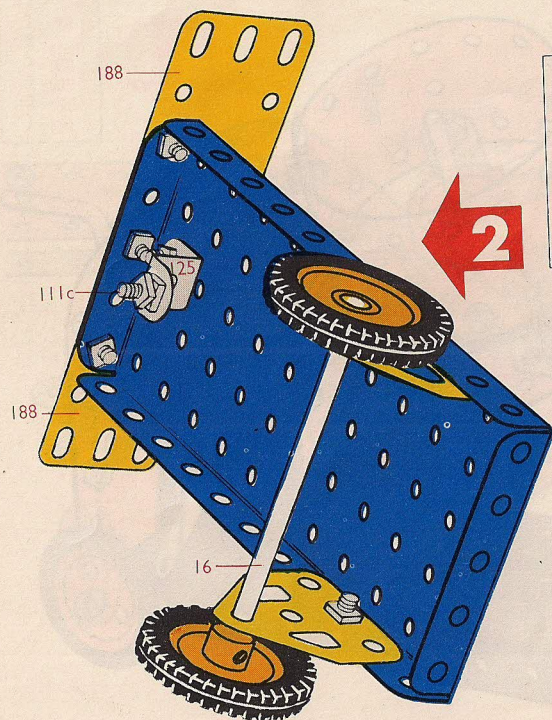
1-	2	1-	52
6-	5	2-	90a
1-	11	4-	111c
8-	12	1-	125
1-	16	2-	126
1-	17	1-	126a
1-	19s	2-	142c
1-	20a	2-	155
4-	22	1-	176
2-	22a	1-	186
1-	24	2-	188
5-	35	2-	189
49-	37a	2-	190
43-	37b	1-	191
5-	38	1-	212
2-	48a	1-	213
*1-	M1		

* Non inclus dans la boîte

3.14. Semi-remorque

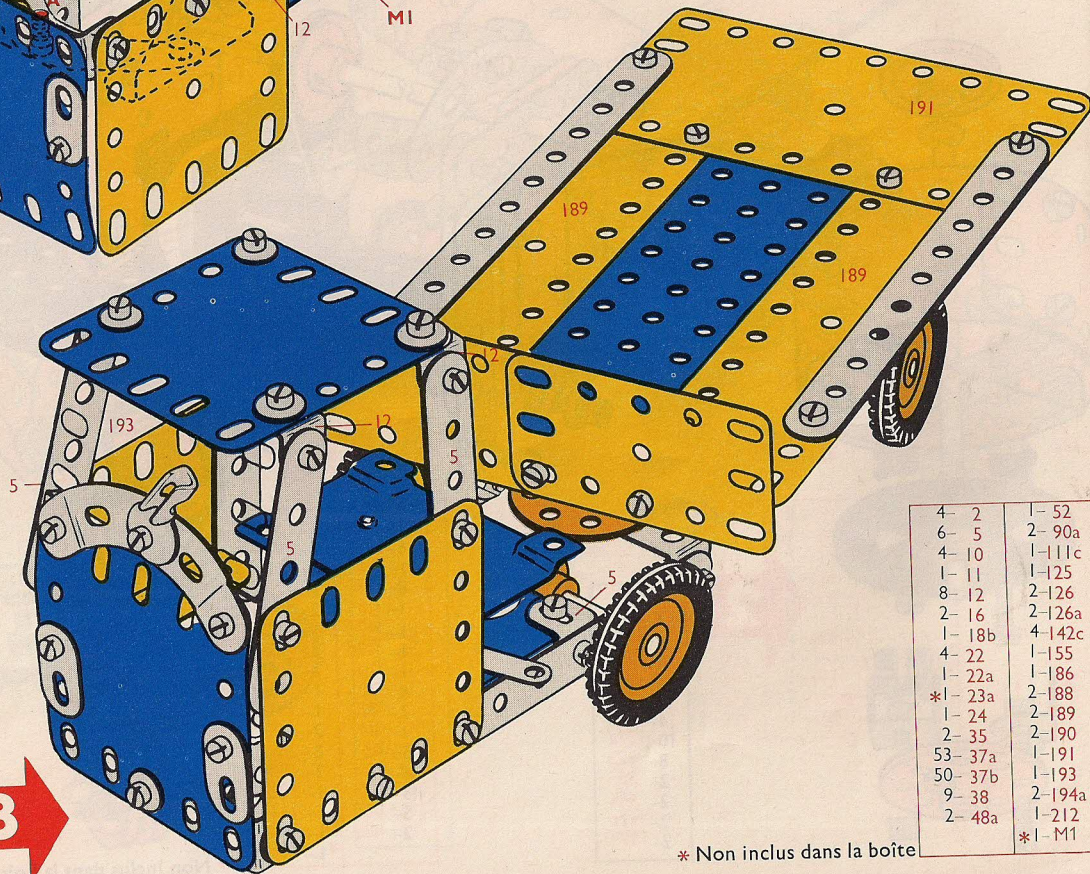


2- 2	22- 37a
2- 5	21- 37b
4- 10	5- 38
1- 11	2- 48a
2- 12	1- 90a
1- 16	2-126
1- 18b	2-142c
2- 22	1-155
1- 22a	1-186
* 1- 23a	2-190
1- 24	1-194a
2- 35	



1- 16
2- 22
8- 37a
6- 37b
1- 52
1-111c
1-125
2-126a
2-142c
2-188

2- 2
4- 5
6- 12
23- 37a
23- 37b
4- 38
1- 90a
2-189
1-191
1-193
1-194a
1-212



4- 2	1- 52
6- 5	2- 90a
4- 10	1-111c
1- 11	1-125
8- 12	2-126
2- 16	2-126a
1- 18b	4-142c
4- 22	1-155
1- 22a	1-186
* 1- 23a	2-188
1- 24	2-189
2- 35	2-190
53- 37a	1-191
50- 37b	1-193
9- 38	2-194a
2- 48a	1-212
	* 1- M1

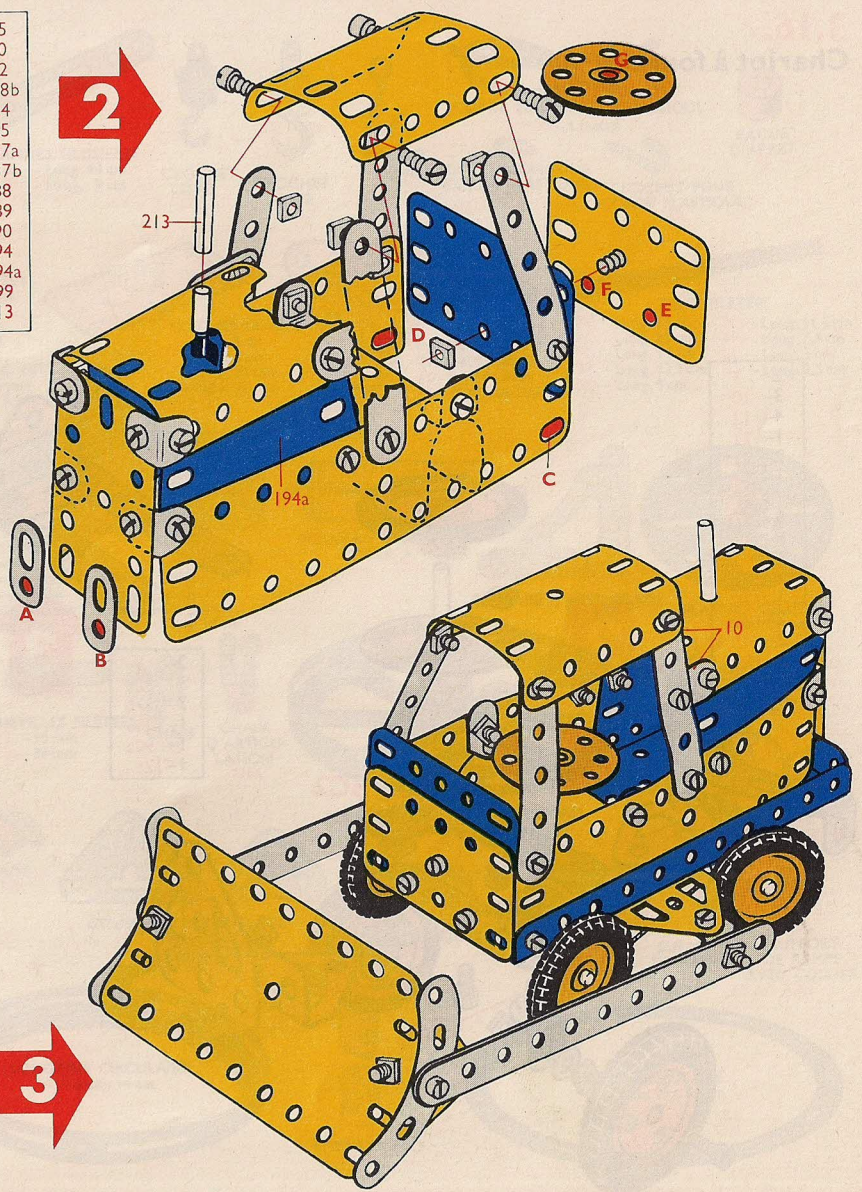
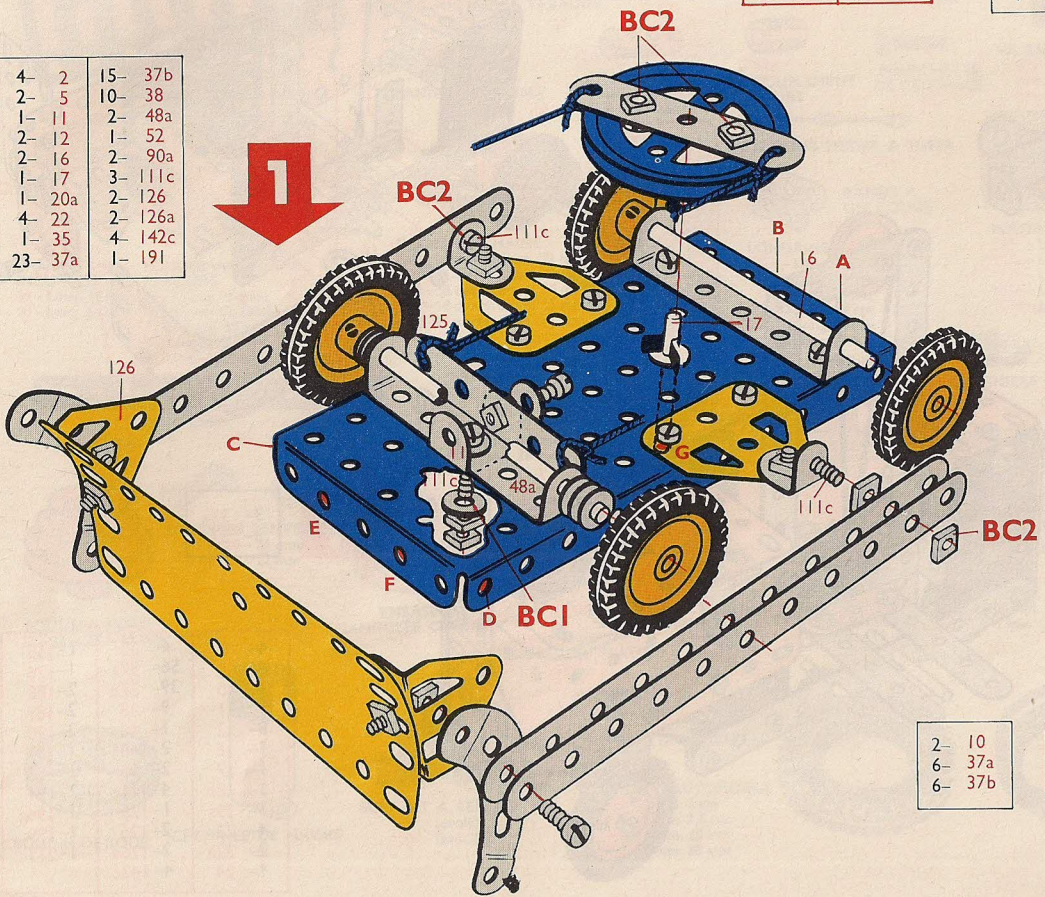
* Non inclus dans la boîte

3.15. Bulldozer

4-	2	2-	48a
6-	5	1-	52
4-	10	2-	90a
1-	11	3-	111c
8-	12	2-	126
2-	16	2-	126a
1-	17	4-	142c
1-	18b	2-	188
1-	20a	2-	189
4-	22	2-	190
1-	24	1-	191
2-	35	1-	194
56-	37a	2-	194a
50-	37b	1-	199
10-	38	1-	213

4-	5
2-	10
6-	12
1-	18b
1-	24
1-	35
27-	37a
27-	37b
2-	188
2-	189
2-	190
1-	194
2-	194a
1-	199
1-	213

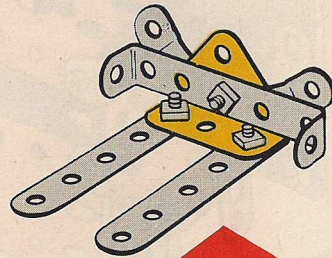
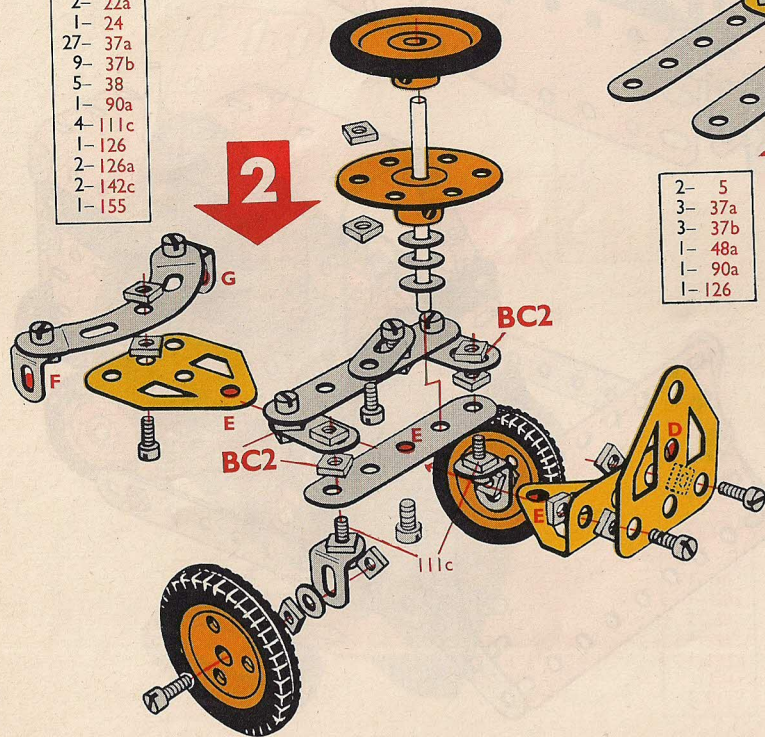
4-	2	15-	37b
2-	5	10-	38
1-	11	2-	48a
2-	12	1-	52
2-	16	2-	90a
1-	17	3-	111c
1-	20a	2-	126
4-	22	2-	126a
1-	35	4-	142c
23-	37a	1-	191



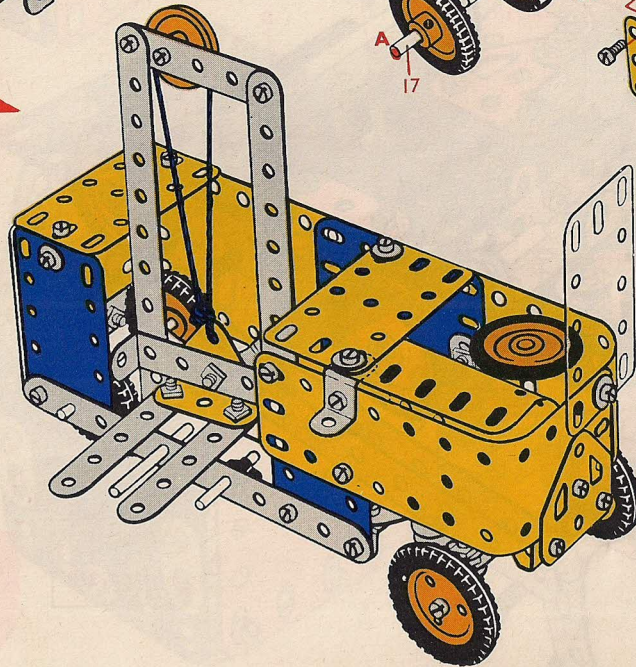
2-	10
6-	37a
6-	37b

3.16. Chariot à fourche

2-	5
3-	10
4-	12
1-	22
2-	22a
1-	24
27-	37a
9-	37b
5-	38
1-	90a
4-	111c
1-	126
2-	126a
2-	142c
1-	155

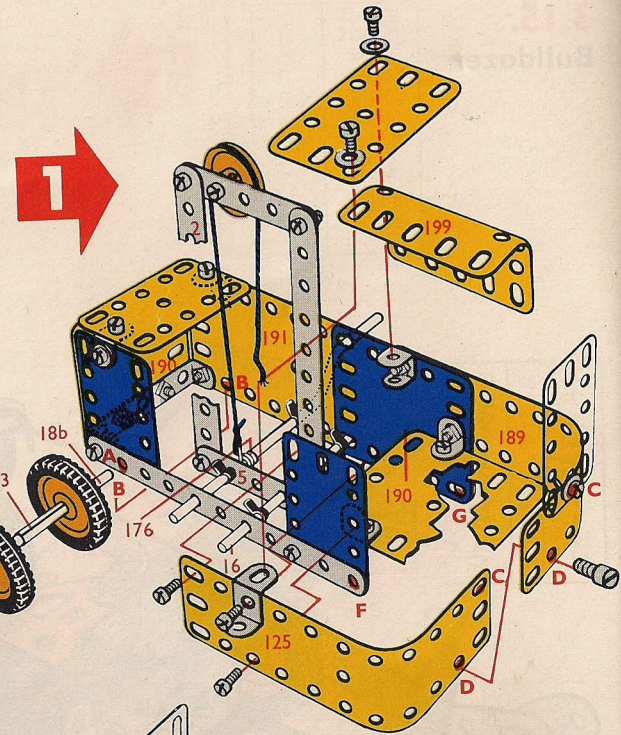


2-	5
3-	37a
3-	37b
1-	48a
1-	90a
1-	126

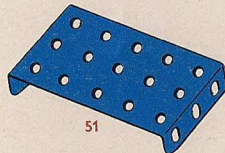


3-	37a
3-	37b

4-	2	1-	48a
2-	5	1-	125
1-	11	2-	142c
4-	12	1-	176
1-	16	2-	188
1-	17	2-	189
1-	18b	2-	190
1-	19s	1-	191
3-	22	1-	193
4-	35	2-	194
23-	37a	1-	194a
24-	37b	1-	199
4-	38	1-	213
1-	40		

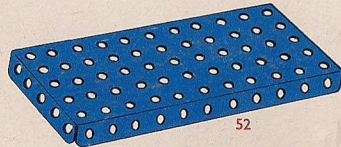


4-	2	4-	35	1-	155
6-	5	56-	37a	1-	176
3-	10	39-	37b	2-	188
1-	11	9-	38	2-	189
8-	12	1-	40	2-	190
1-	16	2-	48a	1-	191
1-	17	2-	90a	1-	193
1-	18b	4-	111c	2-	194
1-	19s	1-	125	1-	194a
4-	22	2-	126	1-	199
2-	22a	2-	126a	1-	213
1-	24	4-	142c		



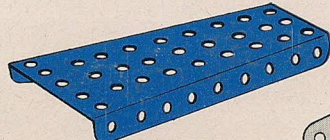
51

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



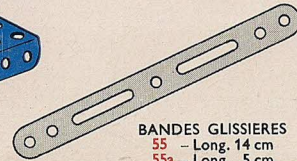
52

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



54

PLAQUE SECTEUR A REBORDS
54 - 112 mm



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



CROCHET
LESTÉ
57c



CROCHET
LESTÉ
57b



CROCHET
57d (petit)



CORDE ELASTIQUE METALLIQUE
58 - 1 mètre



VIS D'UNION POUR
CORDE ELASTIQUE
58a



CROCHET POUR
CORDE ELASTIQUE
58b



BAGUE
D'ARRET
59



AILE DE MOULIN
61



BRAS DE MANIVELLE
62
BRAS DE MANIVELLE TARAUDE
62a



BRAS DE
MANIVELLE DOUBLE
62b



ACCOUPEMENT
POUR TRINGLES
63



ACCOUPEMENT
TARAUDE
63c



ACCOUPEMENT
DE BANDES
SUR TRINGLES
63b



ACCOUPEMENT
COURT
63d



RACCORD
TARAUDE
64



FOURCHETTE
DE CENTRAGE
65



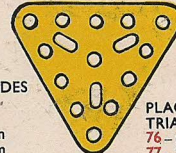
VIS D'ARRET
69 - 4 mm



VIS SANS TETE
69a - 4 mm
69b - 5,5 mm
69c - 2 mm



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



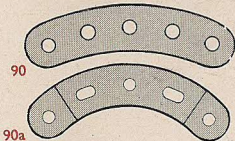
76

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



TIGES FILETEES

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



90a

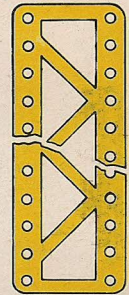
BANDES
INCRUEES
89 - Long. 14 cm
90 - Long. 6 cm



CHAÎNE GALLE
94 - 4 m environ



ROUES DE CHAÎNE
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

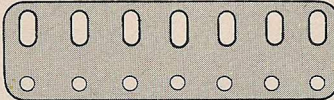


LONGRINES
97 - Long. 9 cm
99 - Long. 32 cm
99a - Long. 24 cm
99b - Long. 19 cm
100 - Long. 14 cm
100a - Long. 11,5 cm



LISSE POUR METIER A TISSER
101

BANDE A
UN COUDE
102

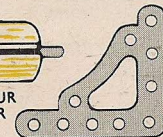


POUTRELLES PLATES
103 - Long. 14 cm
103a - Long. 24 cm
103b - Long. 32 cm
103c - Long. 11,5 cm
103d - Long. 9 cm

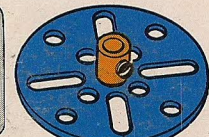
103e - Long. 7,5 cm
103f - Long. 6 cm
103g - Long. 5 cm
103h - Long. 4 cm
103k - Long. 19 cm



ROULEAU BOIS POUR
METIER A TISSER
106



EQUERRE D'ASSEMBLAGE
108



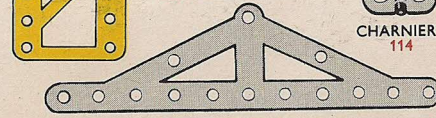
PLATEAU CENTRAL
109 - diam. 6 cm



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



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



POUTRELLE TRIANGULEE
113



CHARNIERE
114



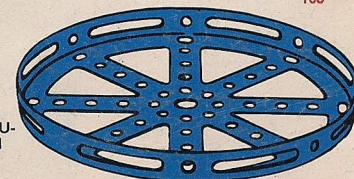
CHEVILLES FILETEES
115 - 15 mm
115a - 34 mm



CHAPE
D'ARTICULATION
116a



CHAPE
D'ARTICULATION
116b



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



RESSORT DE COMPRESSION
120b - 14 mm



SAC CHARGE
122



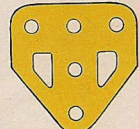
POULIE A CONE
123 - 32 x 25 x 19 mm



EQUERRES RENVERSEES
124 - 25 mm
125 - 12 mm



EMBASE
TRIANGULEE COUDEE
126



EMBASE
TRIANGULEE PLATE
126a



LEVIER D'ANGLE
AVEC MOYEU
128



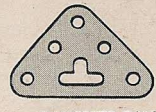
EXCENTRIQUE
A 3 COURSES
130 - 6 x 9 x 12 mm



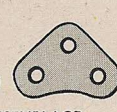
EXCENTRIQUE
COURSE 6 MM
130a - 6 mm



CAME
131



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



VILEBREQUIN COURSE 25 mm
134



SUPPORT
DE RAMPE
136



SUPPORT
DE RAMPE
AVEC COLLIER
136a



BOUDIN DE ROUE
137



CHEMINÉE DE NAVIRE
138

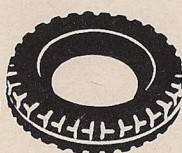


SUPPORT A REBORD
139 - (droit)
139a - (gauche)

ACCOUPEMENT UNIVERSEL
140



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



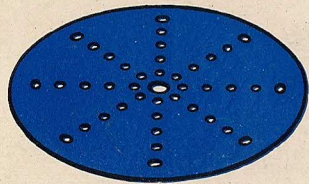
LONGRINE CIRCULAIRE
143 - diam. 14 cm



EMBRAYAGE
144



BANDE CIRCULAIRE
145 - Diam. ext. 18 cm



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



CLIQUET A MOYEU AVEC BOULON-PIVOT ET ECROUS
147



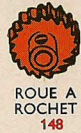
CLIQUET A MOYEU
147a



BOULON PIVOT A DEUX ECROUS
147b



CLIQUET SANS MOYEU
147c



ROUE A ROCHET
148



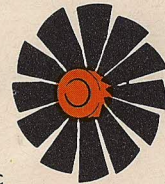
PALANS
151 - Palan à 1 poulie
153 - Palan à 3 poulies



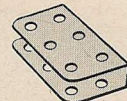
EQUERRE D'ANGLE
154a - 12 mm (droit)
154b - 12 mm (gauche)



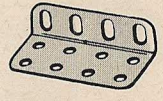
ANNEAU DE CAOUTCHOUC
155 - 25 mm



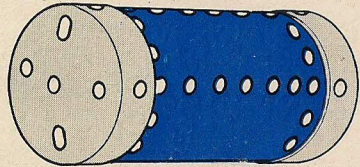
TURBINE
157 - Diam. 5 cm



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



ACCOUPEMENT A CARDAN
165



CHAPE D'ARTICULATION
166



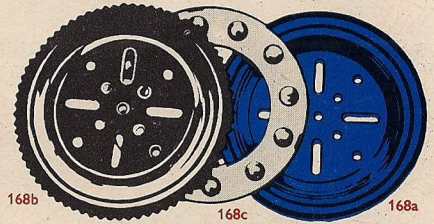
SUPPORT DE CHEMINEE
164 - 16 x 12 mm



PIGNON A GRANDES DENTS POUR SECTEUR
167c



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



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



BILLE
168d - diam. 9,5 mm



COLLIER TARAUDE A CHEVILLE
173a



COLLIER AVEC TIGE FILETEE
179



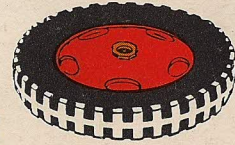
COURONNE A DOUBLE DENTURE
180 - diam. 9 cm



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



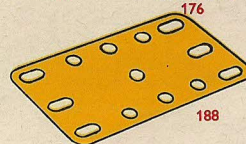
ACCOUPEMENT JUMELE A DOUILLE
171



RESSORT D'ATTACHE POUR CORDE MECCANO
176



JOINT FLEXIBLE
175



188

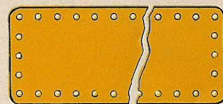
PLAQUES FLEXIBLES
188 - 6 x 4 cm
189 - 14 x 4 cm
190 - 6 x 6 cm
190a - 9 x 6 cm
191 - 11,5 x 6 cm
192 - 14 x 6 cm

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

193b - 9 x 6 cm
193c - 11,5 x 6 cm
193d - 14 x 4 cm
193e - 14 x 6 cm

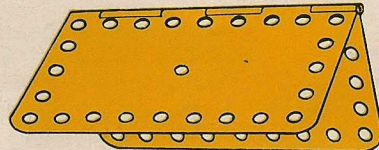
PLAQUES PLASTIQUES BLEUES

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

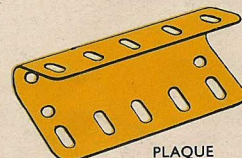


PLAQUES-BANDES

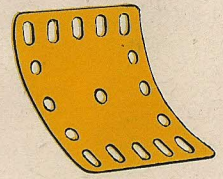
195 - 19 x 6 cm
196 - 24 x 6 cm
197 - 32 x 6 cm



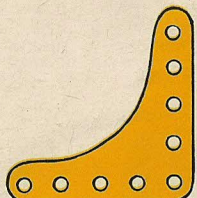
PLAQUE A CHARNIERE
198 - 11,5 x 6 cm



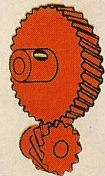
PLAQUE CINTREE EN "U"
199 - 60 x 60 x 7 mm



PLAQUE CINTREE
200 - Rayon 43 mm



PLAQUE GOUSSET FLEXIBLE
201 - 60 x 60 mm



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

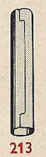


RACCORD TRINGLE ET BANDE
212



212a

RACCORD TRINGLE ET BANDE A ANGLE DROIT
212a



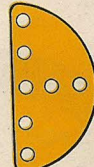
213



213a

213 RACCORD TRINGLES
213a RACCORD DE TRINGLES TRIPLE

213b RACCORD DE TRINGLES TRIPLE A MOYEU

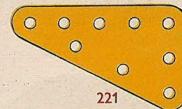


PLAQUE SEMI-CIRCULAIRE
214 - 65 mm



CYLINDRE
216 - 6 x 3 cm

BANDE CINTREE A GLISSIERES
215 - 75 mm



221

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
235d - 9 trous 115 mm x 9 mm
235f - 11 trous 140 mm x 9 mm