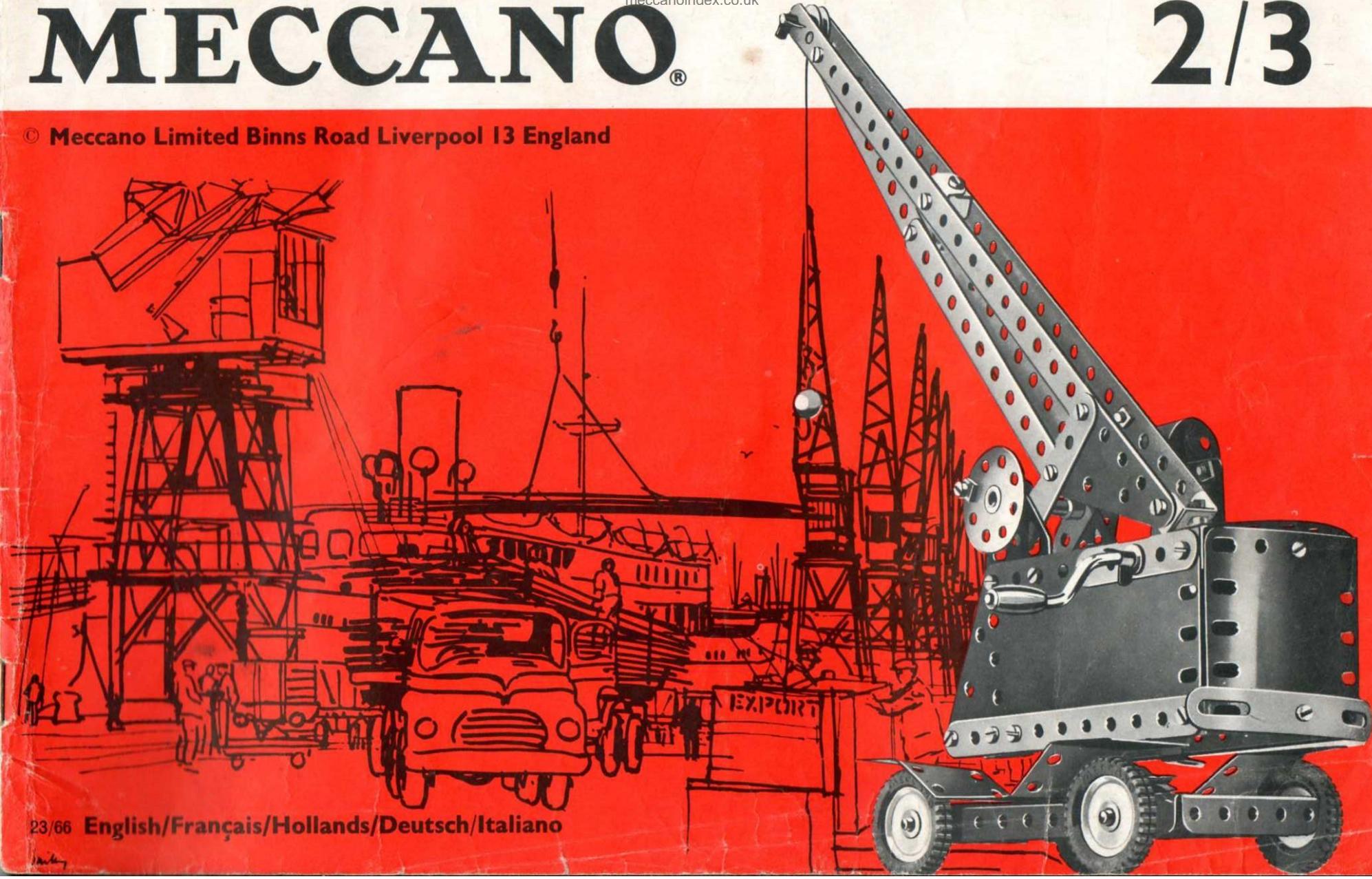


MECCANO®

2/3

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How to Use This Book

On the back cover of this Book you will find pictures of the parts in Outfits 2 and 3 together with their names and Part Numbers. Parts used in the assembly of the models shown in this Book generally can be identified by looking at the illustrations, but where the identity of a Part may not be clear, its Part Number is printed in RED on the illustrations.

A list of the Parts needed to build each model also is given. In this list the Part Numbers are printed in RED and quantity required in BLACK.

Some arrangements of Parts are used frequently in model-building. They are called *Basic Meccano Constructions* and are illustrated on pages 15 and 16 of the O/1 Model Book. Each has an identifying Code Mark i.e., BC1, BC2, etc. When one of these Code Marks appears in the illustrations it indicates the principle of construction referred to by the same Code Mark in the O/1 Book.

Some models are constructed in separate units. The points at which these units are bolted together to form the complete model are indicated by red dots. Where red indicating lines pass behind Plates or other parts of a model, they are shown dotted.

Motors also are identified in the illustrations by Code Marks: M1 = Meccano Magic Motor; M2 = Meccano No.1 Clockwork Motor; M3 = Meccano E15R Electric Motor; M4 = Meccano Emebo Electric Motor.

Models for Outfit 2 are shown on pages 1-8; Models for Outfit 3 appear on pages 9-24.

Comment utiliser ce livre

Sur la dernière page de la couverture de ce livre, vous retrouverez illustrées les pièces des boîtes 2 et 3, avec leurs noms et leurs numéros. Sur les illustrations qui vous aideront à construire un modèle, vous les reconnaîtrez rapidement mais, en plus, les numéros des pièces sont imprimés en ROUGE. Chaque modèle est accompagné d'une liste des pièces nécessaires pour le construire; les numéros des pièces sont en ROUGE, les quantités en NOIR.

Il y a des montages qui reviennent souvent dans les modèles. Nous les appelons Montages de base et vous les trouvez sur les pages 15 et 16 du livre O/1. Ils portent les deux lettres BC et un numéro. Quand vous verrez, par exemple, BC1, BC2, etc. dans un modèle, vous saurez que le montage de cette partie du modèle est semblable à celle du montage avec le même numéro dans le livre O/1.

Certains modèles sont construits en éléments séparés. Les différents endroits où ces parties doivent être réunies et boulonnées pour former le modèle complet sont indiqués par des pointilles rouges.

Quelques modèles sont animés par un moteur et sur les illustrations le type des moteurs est indiqué de la façon suivante.

M1 = Moteur Magic; M2 = Moteur mécanique No. 1; M3 = Moteur électrique; M4 = Moteur électrique Emebo.

Les modèles pour la Boîte 2 aux pages 1-8; Les modèles pour la Boîte 3 aux pages 9-24.

Het Gebruik Van Dit Boek

Afbeeldingen van onderdelen uit uitrusting 2 en 3 staan op de achterkant van dit boek afgebeeld. In de illustraties heeft ieder onderdeeltje een rood code nummer. De benodigde hoeveelheden worden in zwart aangegeven. Meccano basis constructies worden gereeld gebruikt en deze hebben hun eigen code nummer. B.v. BC1, BC2, enz. Zie je b.v. BC1 in een van de afbeeldingen, dan is dit gelijk aan de basis constructies waarvan volledige beschrijvingen gegeven worden in het model boek nr. O/1. Sommige modellen zijn geconstrueerd in aparte eenheden. Waar ze aaneen geschroefd worden, wordt door rode punten aangegeven. Code nummers voor motors zijn: M1=Tovermotor; M2=Uurwerk motor nr. 1; M3=E15R Electromotor; M4=Emebo electromotor.

Modellen voor uitrusting 2 bevinden zich op bladzijdes 1-8; Modellen voor uitrusting 3 op bladzijdes 9-24.

Wie dieses Heft zu gebrauchen ist

Auf der Rückseite dieses Heftes finden Sie Abbildungen der Teile von Baukästen Nr. 2 und 3 mit ihren Bezeichnungen und Nummern. Die Teile, die zum Zusammenbau der in diesem Heft gezeigten Modelle gebraucht werden, kann man gewöhnlich leicht in den Abbildungen erkennen. In Fällen, wo dies unklar ist, ist die Nummer des Teils ROT in die Abbildung gedruckt.

Wir bringen neben jedem Modell eine Aufstellung der dazu nötigen Teile. Die Katalognummern der Teile sind ROT, die Anzahl eines jeden Teils SCHWARZ gedruckt.

Einige einfache Zusammensetzungen von Teilen kommen in jeder Art von Modellen immer wieder vor. Sie werden Meccano-Grundkonstruktionen genannt und auf Seiten 15 und 16 des Modellbuches Nr. O/1 abgebildet. Jede dieser Zusammenstellungen hat zur Bezeichnung eine besondere Abkürzung wie zum Beispiel BC1, BC2 usw. Kommt eine dieser Abkürzungen in den Abbildungen vor, so wissen Sie, dass die Bauweise dieses Modellteils dieselbe ist, wie im Modellbuch Nr. O/1. Einige Modelle sind zur Vereinfachung in getrennten Abschnitten aufgebaut. Die Stellen, an denen diese Bauteile zum vollständigen Modell zusammengeschraubt werden, sind in den Abbildungen durch rote Punkte bezeichnet.

Motoren sind auch mit Abkürzungen in den Abbildungen bezeichnet: M1 = Meccano Zaubermotor; M2 = Meccano Federmotor Nr. 1; M3 = Meccano Elektromotor; M4 = Meccano Elektromotor Emebo.

Modelle zu Baukästen 2 befinden sich auf Seiten 1-8; Modelle zu Baukästen 3 auf Seiten 9-24.

Come Adoperare Questo Libro

Sull'ultima pagina di copertina di questo libro sono illustrati e descritti i pezzi Meccano contenuti nelle scatole Nri. 2 e 3. Di ciascun pezzo è indicato il relativo numero di catalogo in

ROSSO. I pezzi usati nella costruzione dei modelli illustrati in questo libro si possono generalmente identificare a prima vista, ma per maggiore chiarezza nelle figure sono stampati in ROSSO i numeri di catalogo dei pezzi.

Per ciascun modello è data una lista dei pezzi occorrenti alla sua costruzione: il numero di catalogo è in ROSSO e la quantità occorrente è in NERO.

Alcune combinazioni tipiche di pezzi Meccano, frequentemente impiegate nelle costruzioni dei modelli, sono chiamate Costruzioni di Base Meccano e sono illustrate alle pagine 15 e 16 del Libro dei Modelli No. O/1. Ciascuna "combinazione" è contrassegnata da una sigla di riferimento, per esempio BC1, BC2 ecc. Quando una di queste sigle appare nell'illustrazione di un modello occorre riferirsi alla relativa "combinazione" illustrata nel suddetto Libro dei Modelli No. O/1.

Vari modelli sono illustrati nei diagrammi a sezioni separate. I punti in cui queste sezioni separate devono essere avvitate insieme per formare il modello completo sono segnati con linee rosse continue. (Quando si devono attraversare piastre o altri pezzi di un modello invece della linea rossa continua è indicata una linea rossa tratteggiata.)

Anche i motorini nelle figure sono contrassegnati da sigle: M1 = Motorino a Molla Meccano Magic; M2 = Motorino a Molla Meccano No. 1; M3 = Motorino Elettrico Meccano E15R; M4 = Motorino Elettrico Meccano Emebo.

Modelli della Scatola No. 2 pagine 1-8; Modelli della Scatola No. 3 pagine 9-24.

Contents of Outfits 2 and 3

Contenu des boîtes 2 et 3

Inhoud van de uitrusting 2 en 3

Inhalt der Baukästen 2 und 3

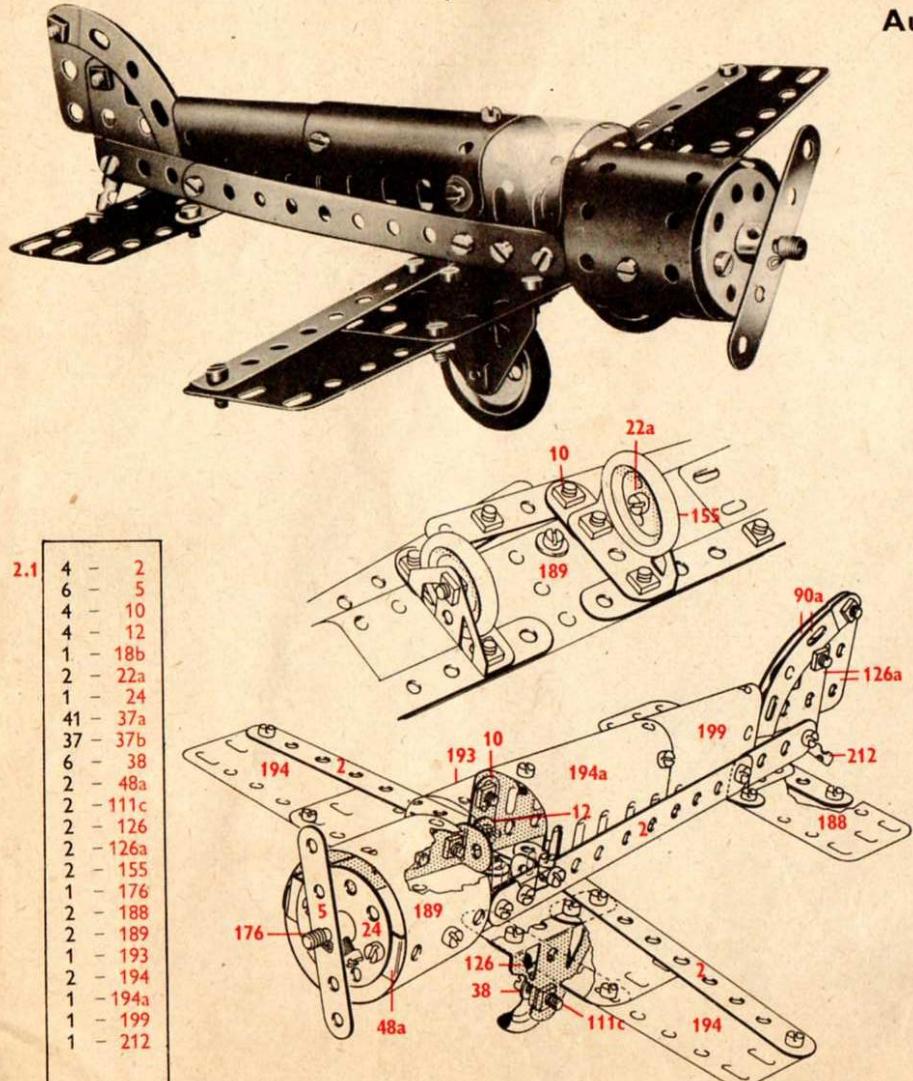
Elenco dei pezzi

contenuti nelle

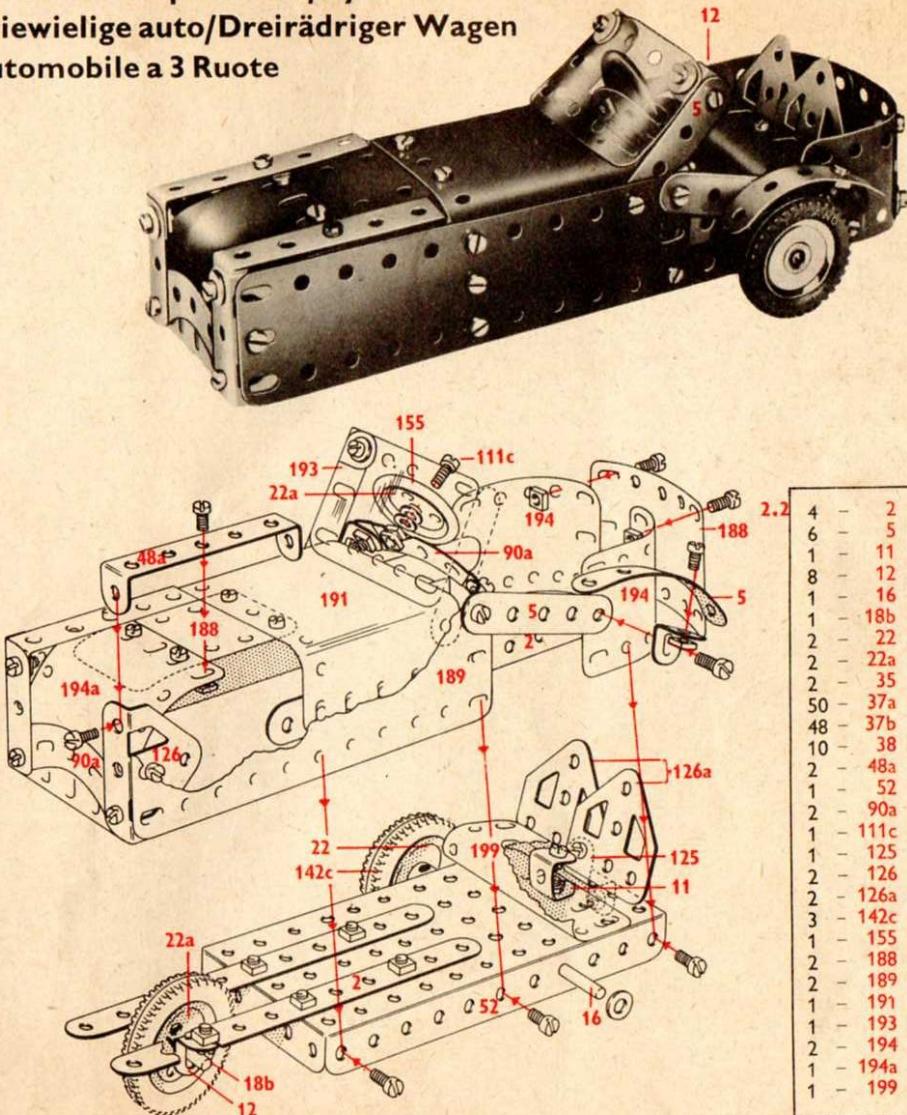
Scatole 2 e 3

Part no.	Outfit	Part no.	Outfit
Pièce no.	Boîte	Pièce no.	Boîte
Onder-	Uitrusting	Onder-	Uitrusting
del no.		del no.	
Nummer	Baukästen	Nummer	Baukästen
des Teils	des Teils	Baukästen	des Teils
Pezzo	Scatola	Pezzo	Scatola
	2		2
	3		3
1	-	2	52
2	4	6	57c
5	6	9	90a
10	4	5	111c
11	1	2	125
12	8	10	126
15b	-	2	126a
16	2	3	142c
17	2	2	155
18a	-	1	176
18b	1	1	186
19g	-	1	188
19s	1	-	189
20a	1	1	190
22	4	4	191
22a	2	2	192
23	-	1	193
24	1	2	194
34	2	2	194a
35	6	8	199
36	1	1	200
37a	56	60	212
37b	50	56	213
38	10	10	214
38d	-	2	215
40	1	1	221
48a	2	2	

**2.1 Monoplane/Avion/Eéndecker
Eindecker/Monoplano**

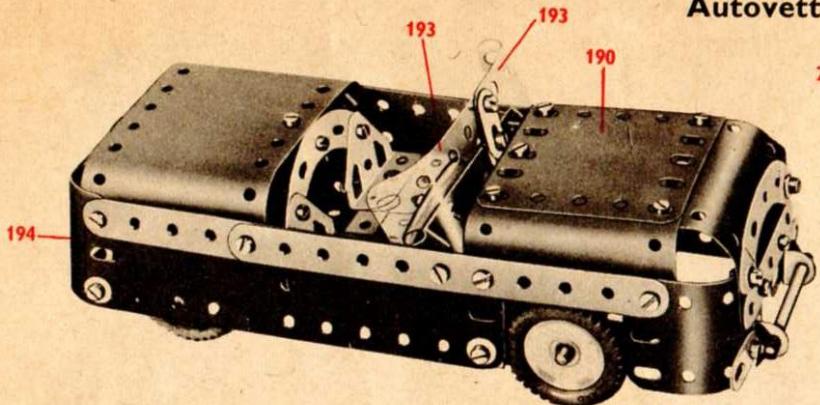


**2.2 3-Wheel Sports Car/Cyclecar
Driewielige auto/Dreirädriger Wagen
Automobile a 3 Ruote**

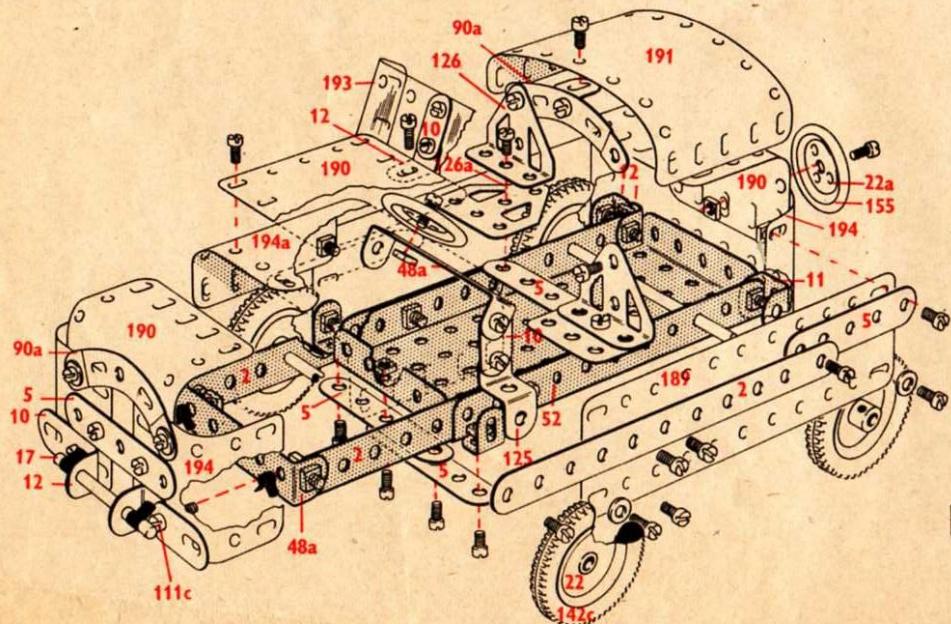


2.1	4	-	2	2.2	4	-	2
	6	-	5		6	-	5
	4	-	10		1	-	11
	4	-	12		2	-	12
1	-	18b		1	-	16	
2	-	22a		1	-	18b	
1	-	24		2	-	22	
41	-	37a		2	-	35	
37	-	37b		50	-	37a	
6	-	38		48	-	37b	
2	-	48a		10	-	38	
2	-	111c		2	-	48a	
2	-	126		1	-	52	
2	-	126a		2	-	90a	
2	-	155		1	-	111c	
1	-	176		1	-	125	
2	-	188		2	-	126	
2	-	189		2	-	126a	
1	-	193		3	-	142c	
2	-	194		1	-	155	
1	-	194a		2	-	188	
1	-	199		2	-	189	
1	-	212		1	-	191	
				1	-	193	
				2	-	194	
				1	-	194a	
				1	-	199	

2.3 Sports Car/Voiture grand sport/Sportauto/Sportwagen
Autovetture Sport

**2.3**

4	-	2	2	-	90a
6	-	5	4	-	111c
4	-	10	1	-	125
1	-	11	2	-	126
8	-	12	2	-	126a
2	-	16	4	-	142c
1	-	17	2	-	155
4	-	22	2	-	188
2	-	22a	2	-	189
4	-	35	2	-	190
52	-	37a	1	-	191
47	-	37b	2	-	193
10	-	38	2	-	194
2	-	48a	2	-	194a
1	-	52	1	-	199

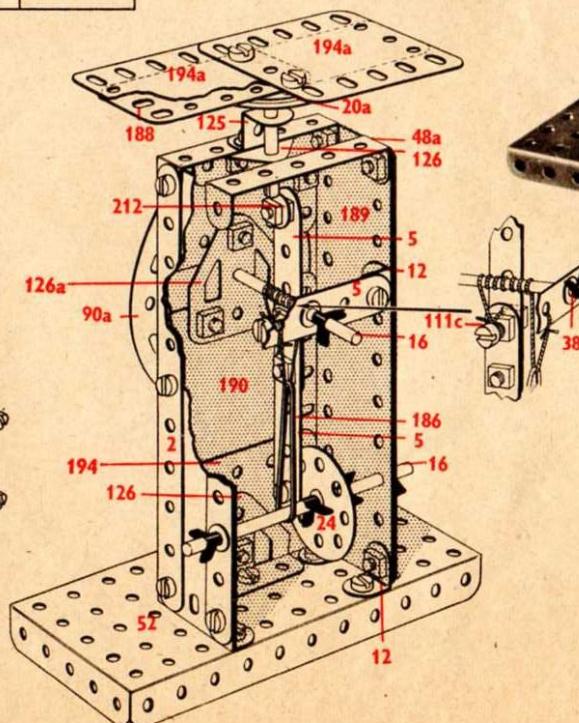
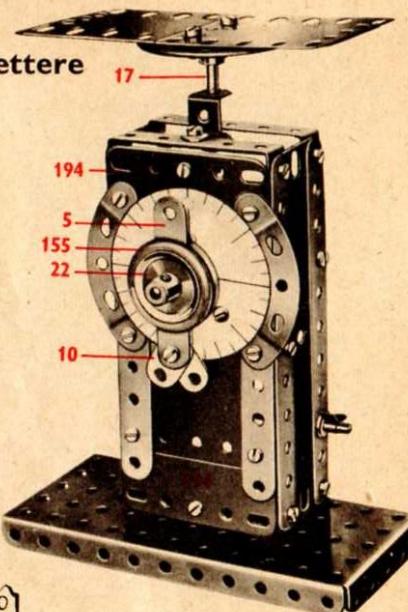


2.4 Letter Balance/Pèse-lettres

Brievenweger

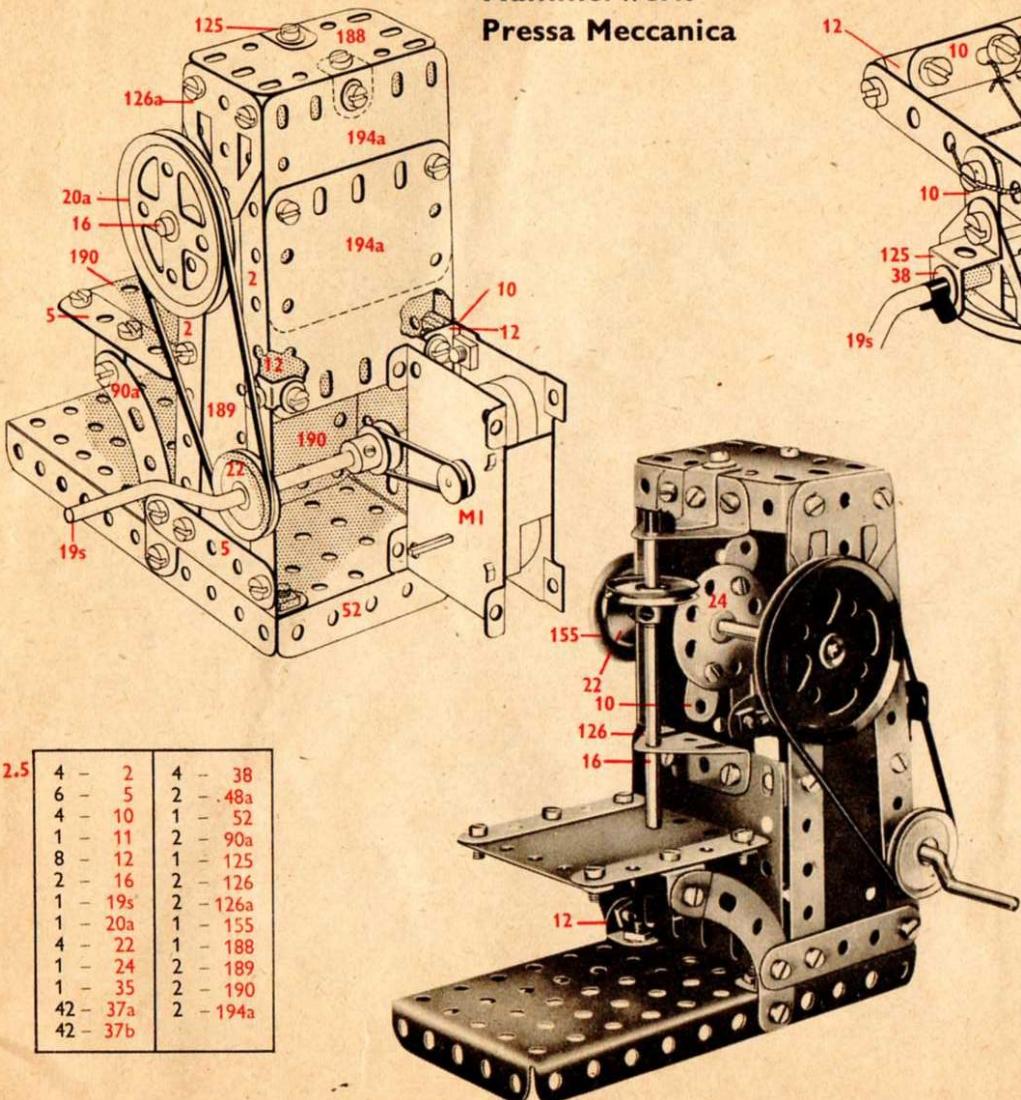
Briefwaage

Bilancia per Lettere

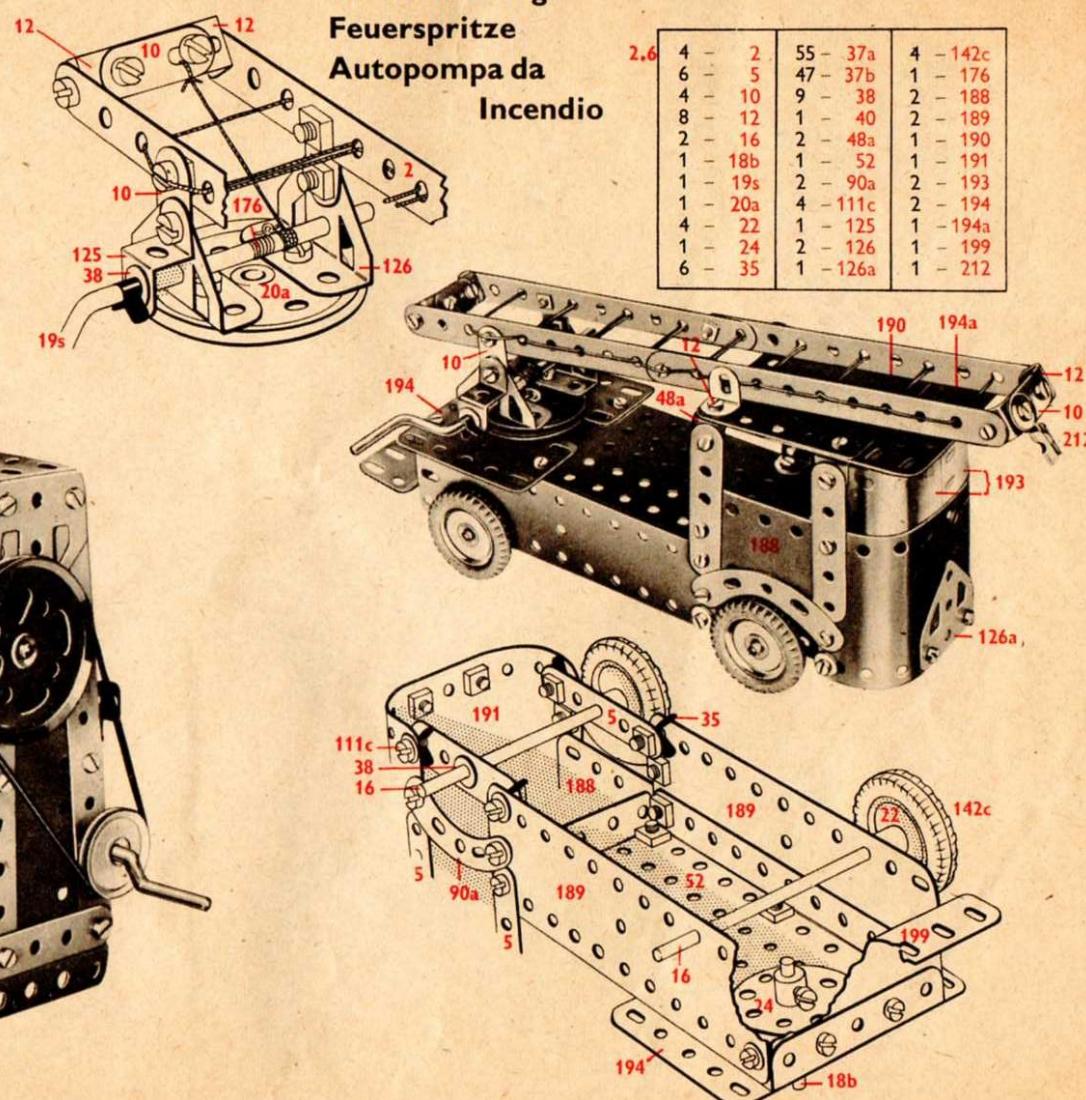


4	-	2	1	-	52
6	-	5	2	-	90a
2	-	10	1	-	111c
6	-	12	1	-	125
2	-	16	2	-	126
1	-	17	1	-	126a
1	-	20a	2	-	155
2	-	22	1	-	186
1	-	24	2	-	188
5	-	35	2	-	189
39	-	37a	1	-	190
35	-	37b	2	-	194
5	-	38	2	-	194a
1	-	40	1	-	212
2	-	48a			

**2.5 Stamping Mill/Estampouse/Hamer molen
Hammerwerk
Pressa Meccanica**



**2.6 Fire Escape/Voiture-échelle de pompiers
Brandweerwagen
Feuerspritze
Autopompa da
Incendio**

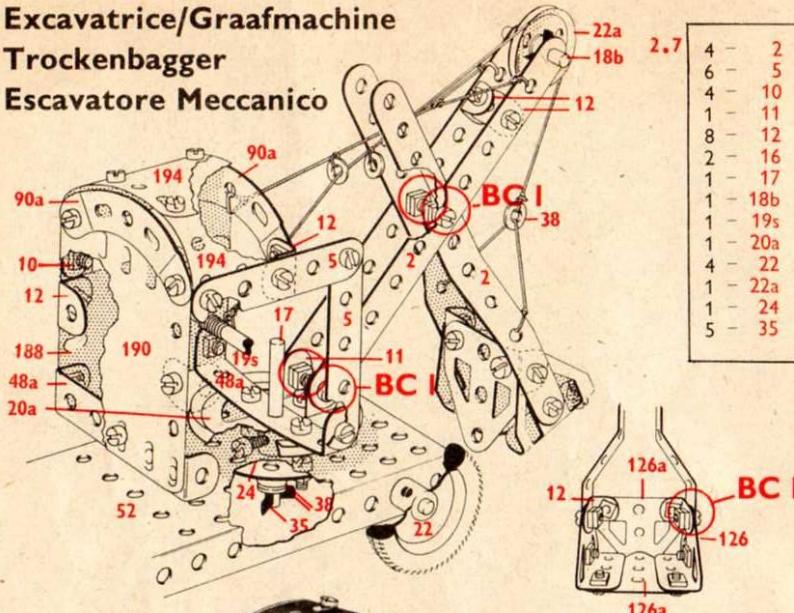


2.7 Mechanical Excavator

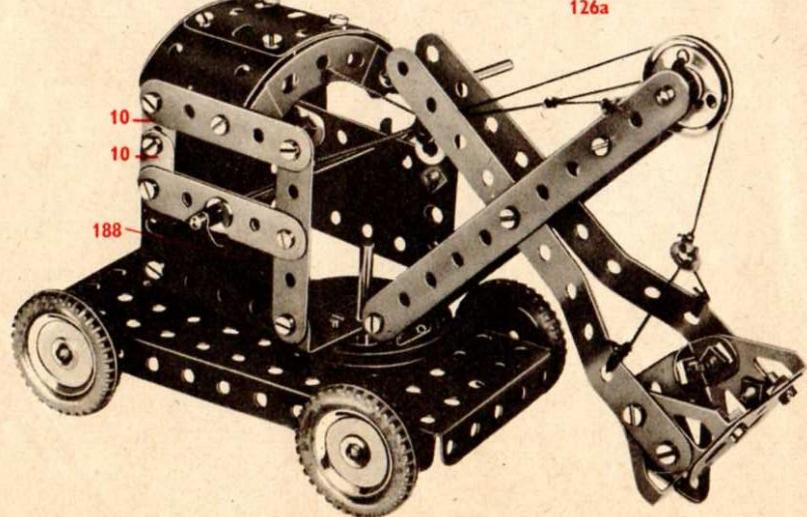
Excavatrice/Graafmachine

Trockenbagger

Escavatore Meccanico

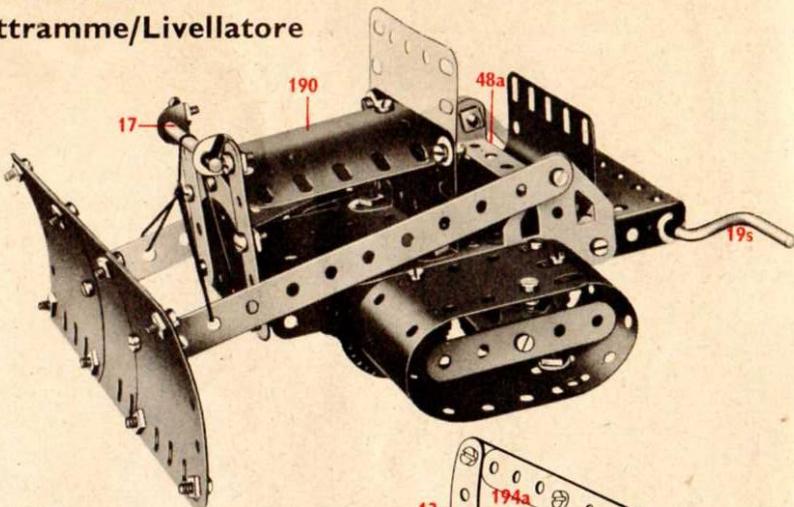


4	2	53	37a
6	5	47	37b
4	10	10	38
1	11	1	40
8	12	2	48a
2	16	1	52
1	17	2	90a
1	18b	2	126
1	19s	1	126a
1	20a	4	142c
4	22	1	176
1	22a	2	188
1	24	1	190
5	35	2	194



2.8 Bulldozer

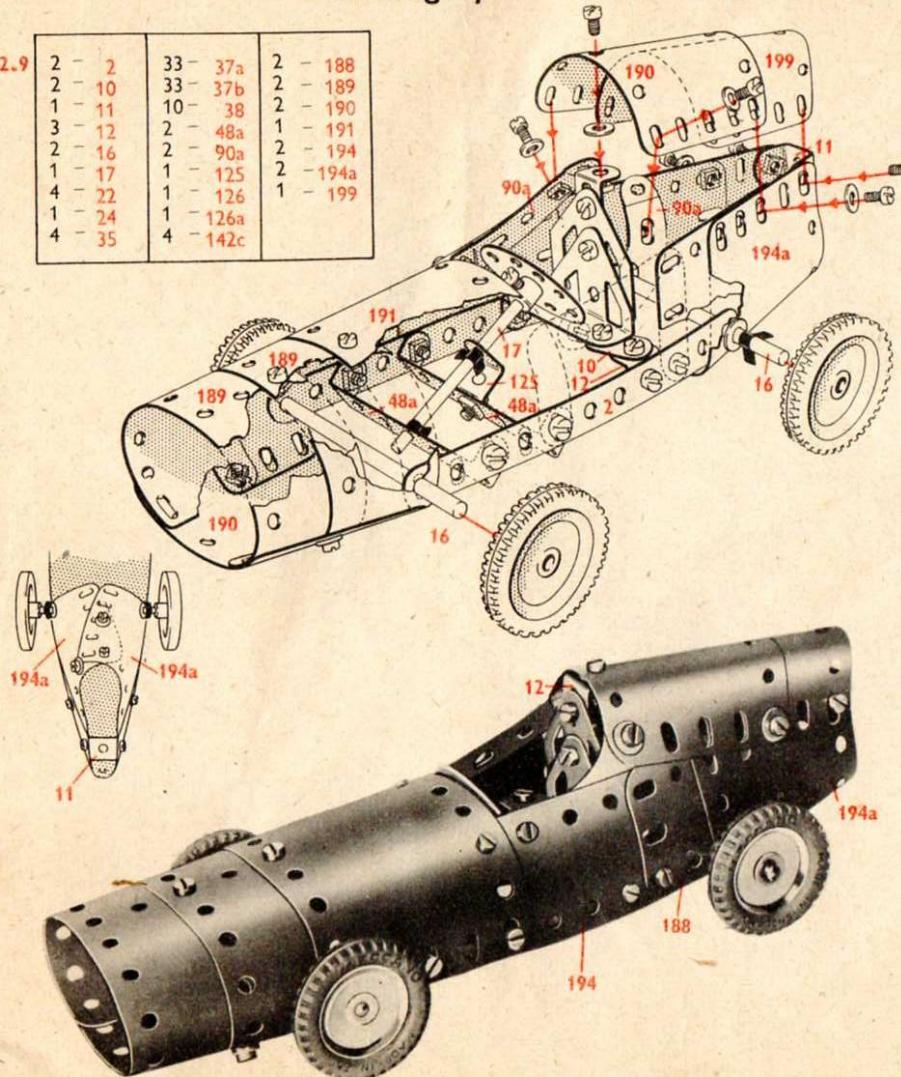
Schuttramme/Livellatore



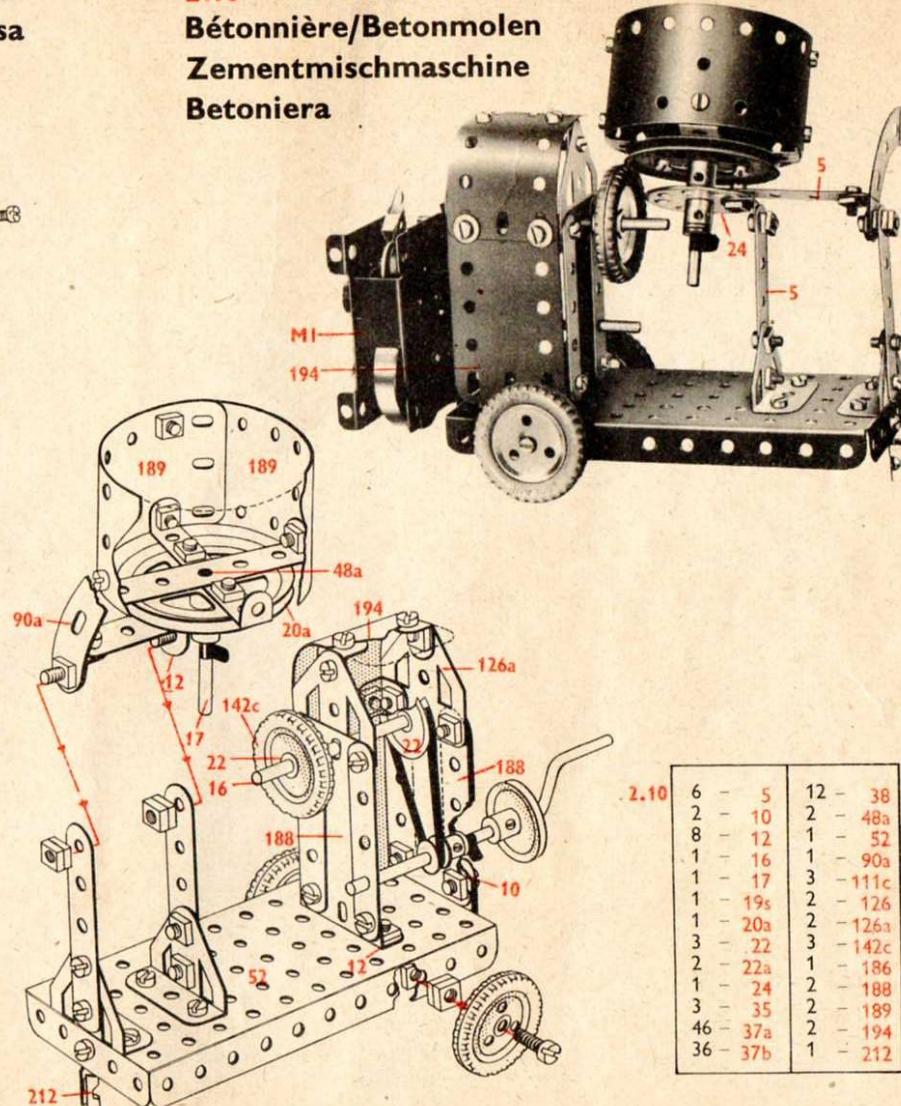
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6	5	1	90a
4	10	3	111c
1	11	1	125
8	12	2	126
2	16	2	126a
1	17	4	142c
1	18b	1	186
1	19s	2	188
4	22	2	189
6	35	2	190
50	37a	1	193
45	37b	2	194
10	38	2	194a
1	40	1	199
2	48a	1	212

**2.9 Racing Car/Voiture de course/Racewagen
Rennwagen/Automobile da Corsa**

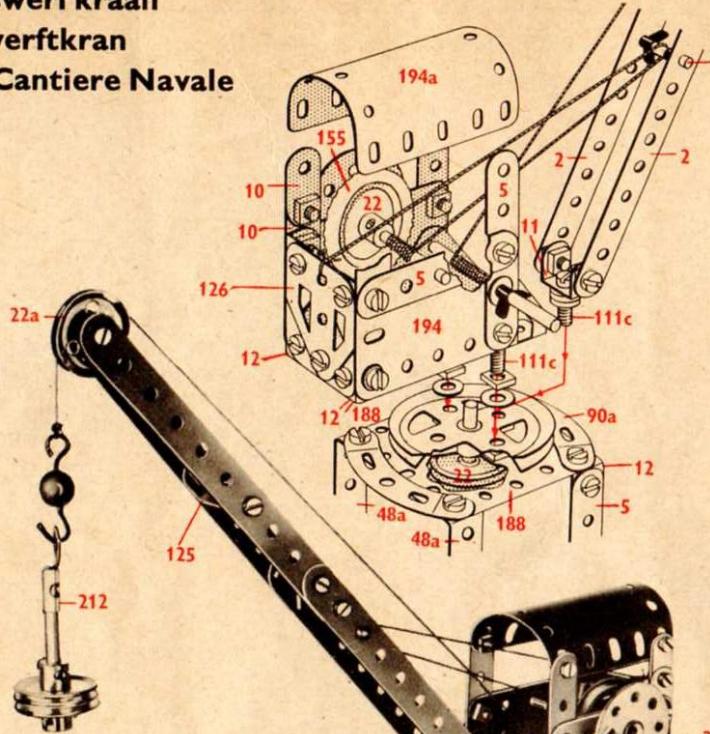
2 -	2	33 -	37a	2 -	188
2 -	10	33 -	37b	2 -	189
1 -	11	10 -	38	2 -	190
3 -	12	2 -	48a	1 -	191
2 -	16	2 -	90a	2 -	194
1 -	17	1 -	125	2 -	194a
4 -	22	1 -	126	1 -	199
1 -	24	1 -	126a		
4 -	35	4 -	142c		



**2.10 Cement Mixer
Bétonnière/Betonmolen
Zementmischmaschine
Betoniera**



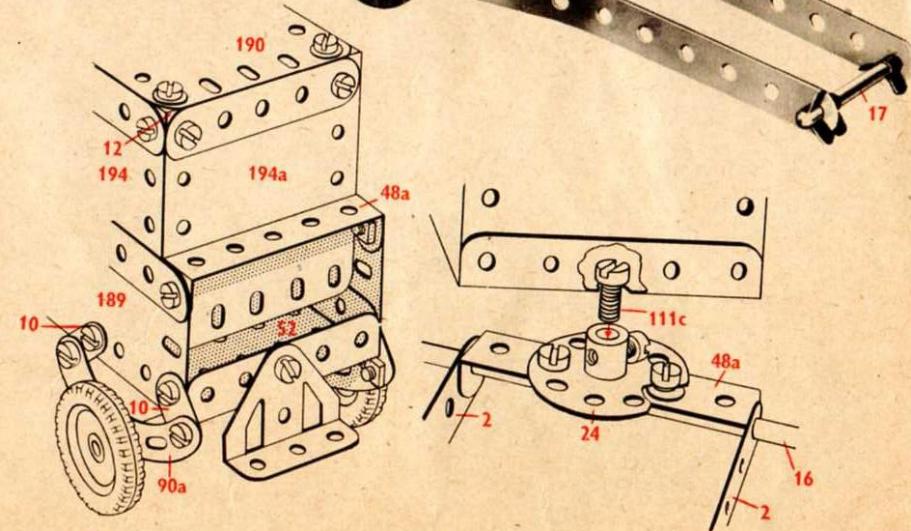
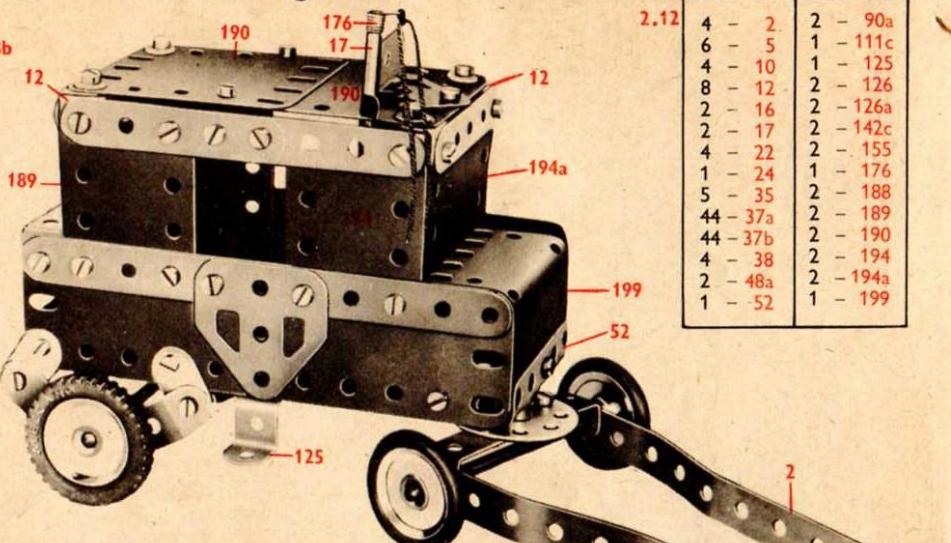
6 -	5	12 -	38
2 -	10	2 -	48a
8 -	12	1 -	52
1 -	16	1 -	90a
1 -	17	3 -	111c
1 -	19s	2 -	126
1 -	20a	2 -	126a
3 -	22	3 -	142c
2 -	22a	1 -	186
1 -	24	2 -	188
3 -	35	2 -	189
46 -	37a	2 -	194
36 -	37b	1 -	212

2.11 Shipyard Crane/Grue de chantier naval**Scheepswerfkraan****Schiffswerftkran****Gru da Cantiere Navale****2.11**

4 -	2	1 -	22a	4 -	111c
6 -	5	1 -	24	1 -	125
4 -	10	4 -	35	2 -	126
1 -	11	51 -	37a	2 -	126a
8 -	12	40 -	37b	1 -	155
1 -	16	7 -	38	1 -	176
2 -	17	1 -	40	2 -	188
1 -	18b	2 -	48a	2 -	194
1 -	19s	1 -	52	1 -	194a
1 -	20a	1 -	57c	1 -	212
4 -	22	2 -	90a		

2.12 Stage Coach/Diligence/Postkoets/Postkutsche/Diligenza

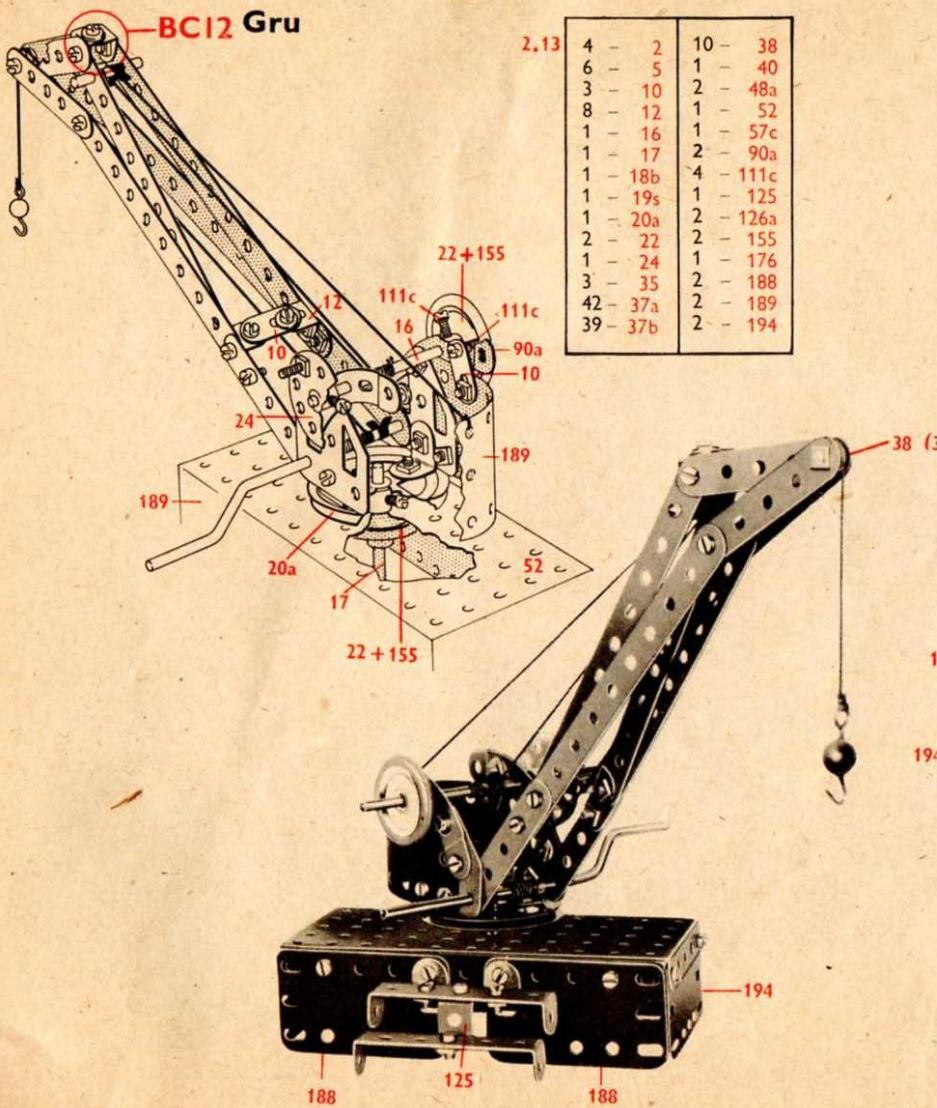
2.12	4 -	2	2 -	90a
	6 -	5	1 -	111c
	4 -	10	1 -	125
	8 -	12	2 -	126
	2 -	16	2 -	126a
	2 -	17	2 -	142c
	4 -	22	2 -	155
	1 -	24	1 -	176
	5 -	35	2 -	188
	44 -	37a	2 -	189
	44 -	37b	2 -	190
	4 -	38	2 -	194
	2 -	48a	2 -	194a
	1 -	52	1 -	199



2.13 Goods Yard Crane/Grue de quai/Ladingkraan

Güterbahnhofskran

Gru



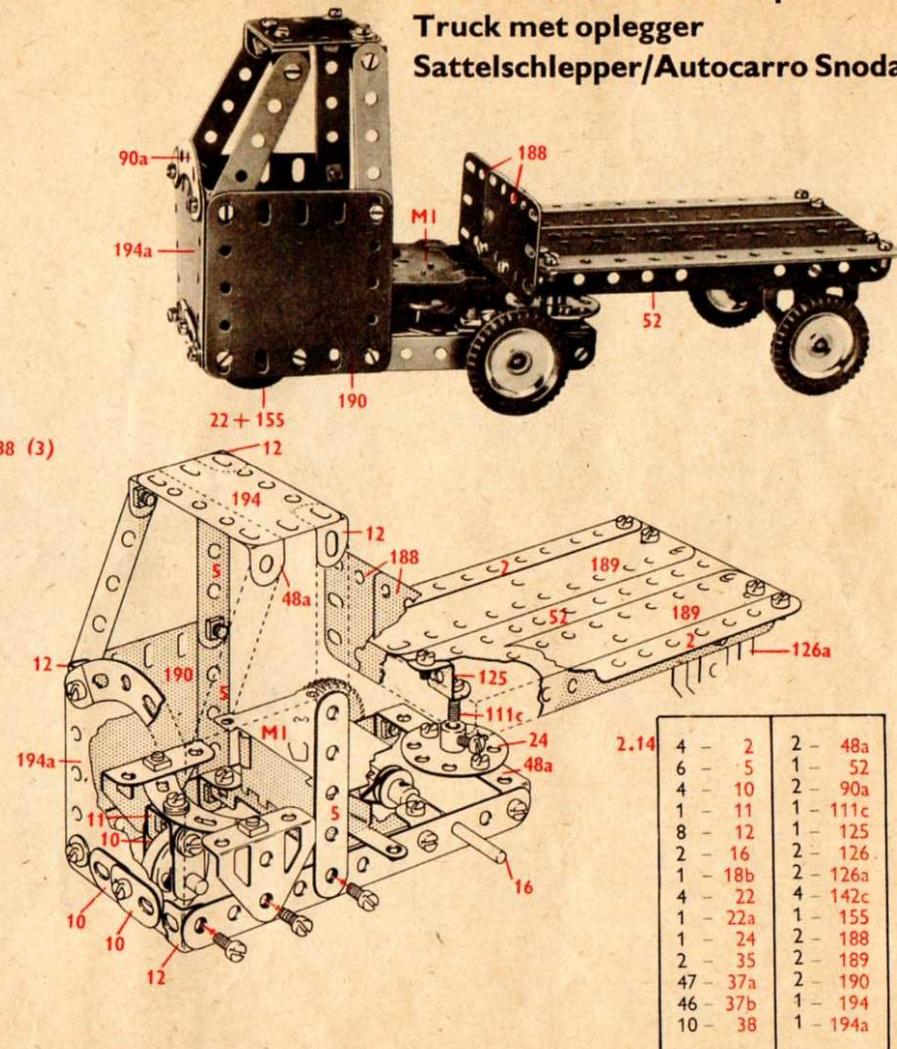
4 -	2	10 -	38
6 -	5	1 -	40
3 -	10	2 -	48a
8 -	12	1 -	52
1 -	16	1 -	57c
1 -	17	2 -	90a
1 -	18b	4 -	111c
1 -	19s	1 -	125
1 -	20a	2 -	126a
2 -	22	2 -	155
1 -	24	1 -	176
3 -	35	2 -	188
42 -	37a	2 -	189
39 -	37b	2 -	194

2.14 Articulated Lorry

Tracteur et semi-remorque

Truck met oplegger

Sattelschlepper/Autocarro Snodato

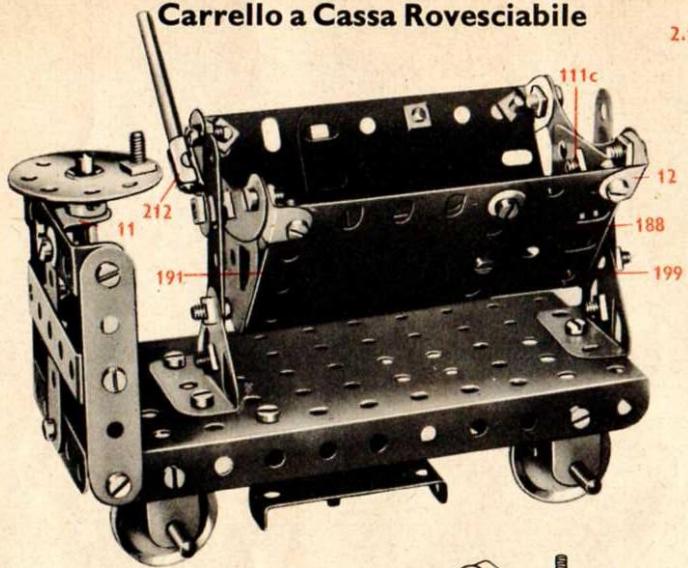


4 -	2	2 -	48a
6 -	5	1 -	52
4 -	10	2 -	90a
1 -	11	1 -	111c
8 -	12	1 -	125
2 -	16	2 -	126
1 -	18b	2 -	126a
4 -	22	4 -	142c
1 -	22a	1 -	155
1 -	24	2 -	188
2 -	35	2 -	189
47 -	37a	2 -	190
46 -	37b	1 -	194
10 -	38	1 -	194a

2.15 Side-tipping Truck/Chariot à benne basculant latéralement

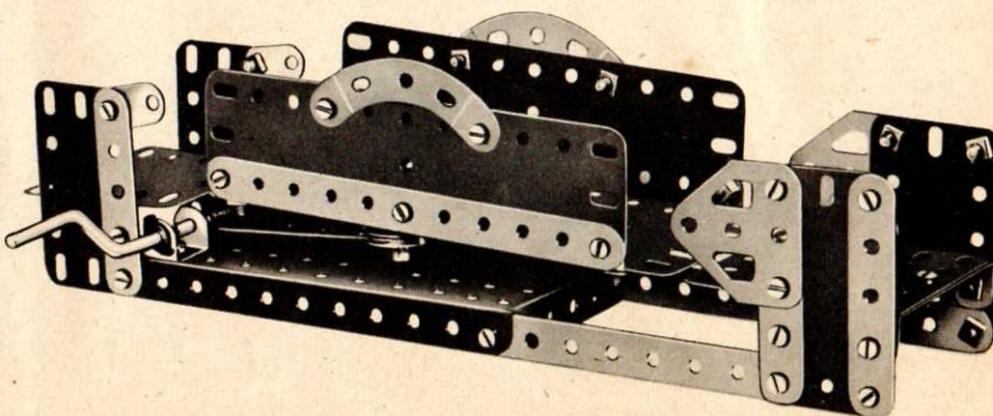
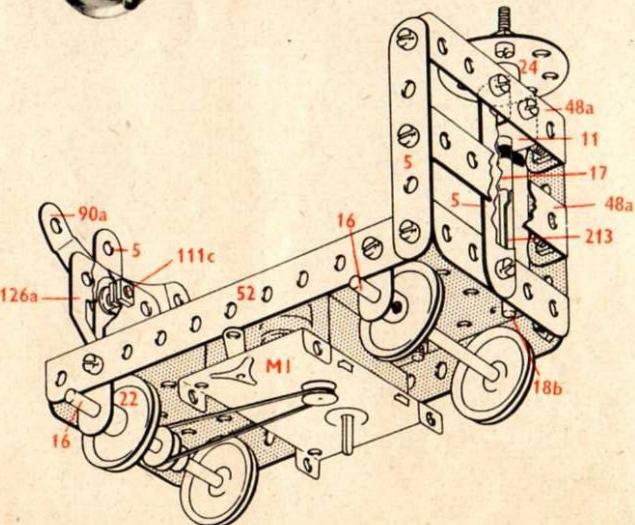
Kipwagen/Kippkarren

Carrello a Cassa Rovesciabile



2.15

- | | | |
|----|---|------|
| 5 | - | 5 |
| 4 | - | 10 |
| 1 | - | 11 |
| 4 | - | 12 |
| 2 | - | 16 |
| 2 | - | 17 |
| 1 | - | 18b |
| 4 | - | 22 |
| 1 | - | 24 |
| 1 | - | 35 |
| 38 | - | 37a |
| 32 | - | 37b |
| 5 | - | 38 |
| 2 | - | 48a |
| 1 | - | 52 |
| 2 | - | 90a |
| 3 | - | 111c |
| 2 | - | 126 |
| 2 | - | 126a |
| 2 | - | 188 |
| 1 | - | 191 |
| 1 | - | 199 |
| 1 | - | 212 |
| 1 | - | 213 |

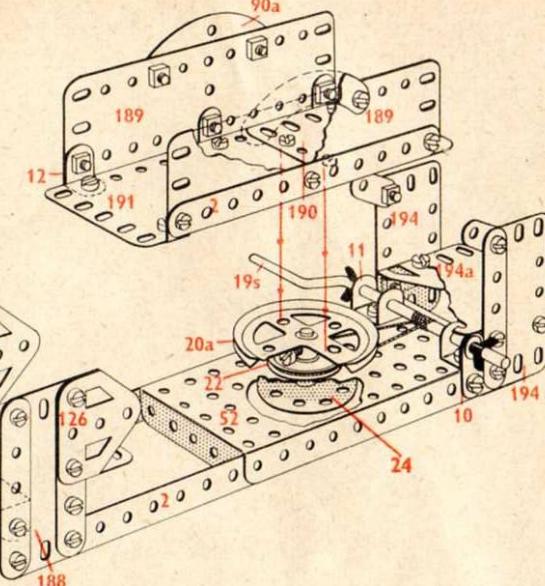


2.16 Swing Bridge/Pont tournant/Draaibrug

Drehbrücke

Ponte Girevole

2.16



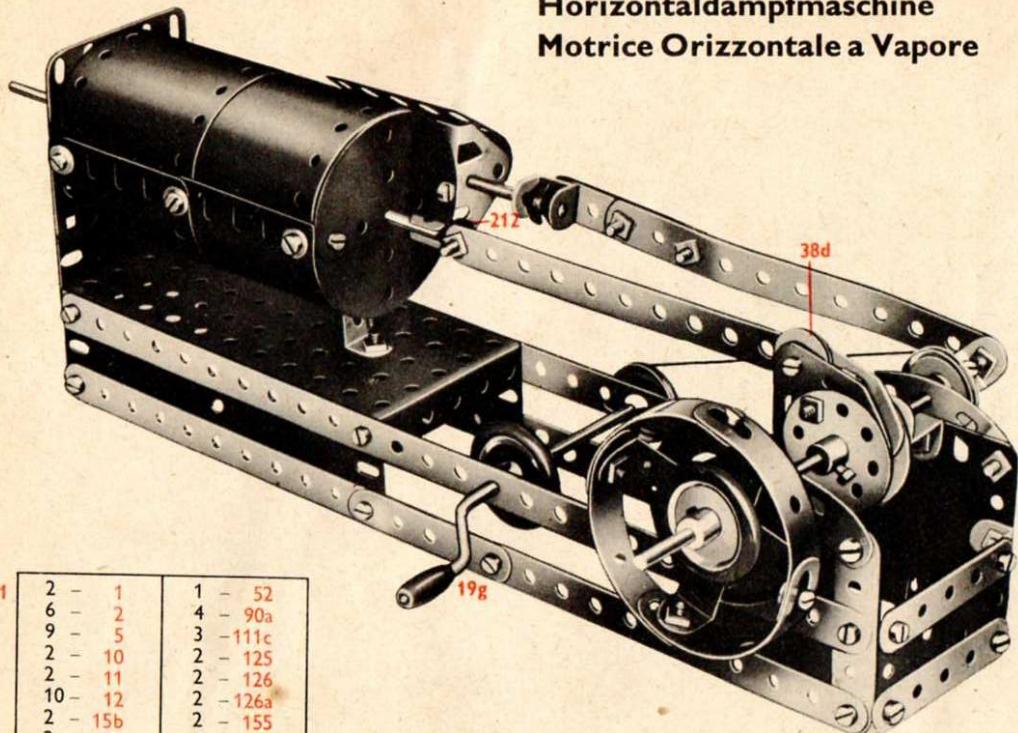
- | | | |
|----|---|------|
| 4 | - | 2 |
| 6 | - | 5 |
| 3 | - | 10 |
| 1 | - | 11 |
| 6 | - | 12 |
| 1 | - | 18b |
| 1 | - | 19s |
| 1 | - | 20a |
| 1 | - | 22 |
| 1 | - | 24 |
| 2 | - | 35 |
| 50 | - | 37a |
| 50 | - | 37b |
| 2 | - | 38 |
| 1 | - | 40 |
| 2 | - | 48a |
| 1 | - | 52 |
| 2 | - | 90a |
| 1 | - | 125 |
| 2 | - | 126 |
| 2 | - | 126a |
| 2 | - | 188 |
| 2 | - | 189 |
| 2 | - | 190 |
| 1 | - | 191 |
| 2 | - | 194 |
| 1 | - | 194a |

3.1 Horizontal Steam Engine/Machine à vapeur horizontale

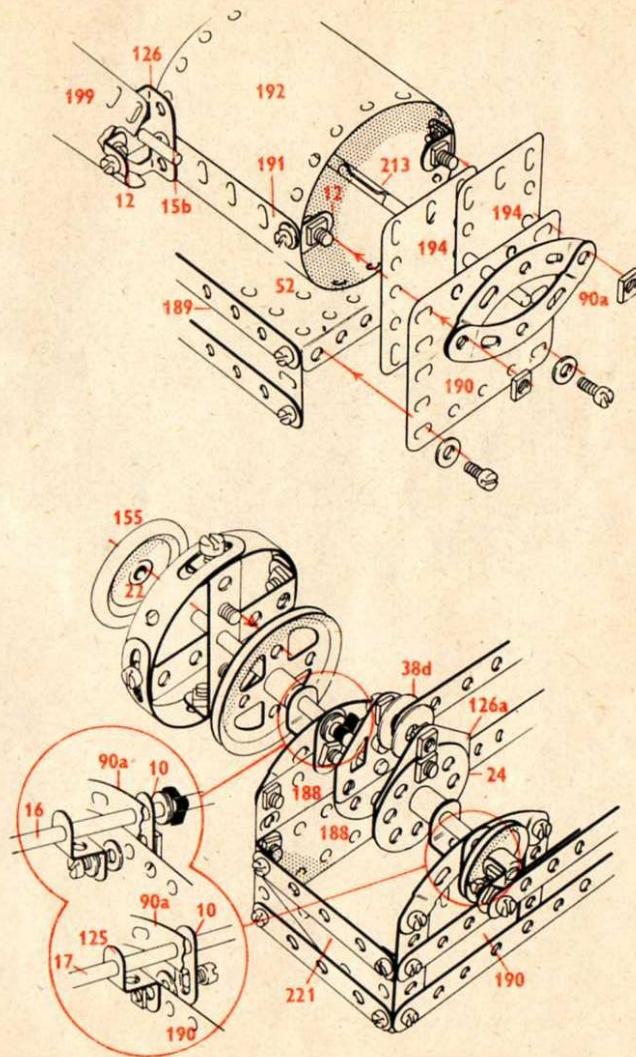
Horizontale stoommachine

Horizontaldampfmaschine

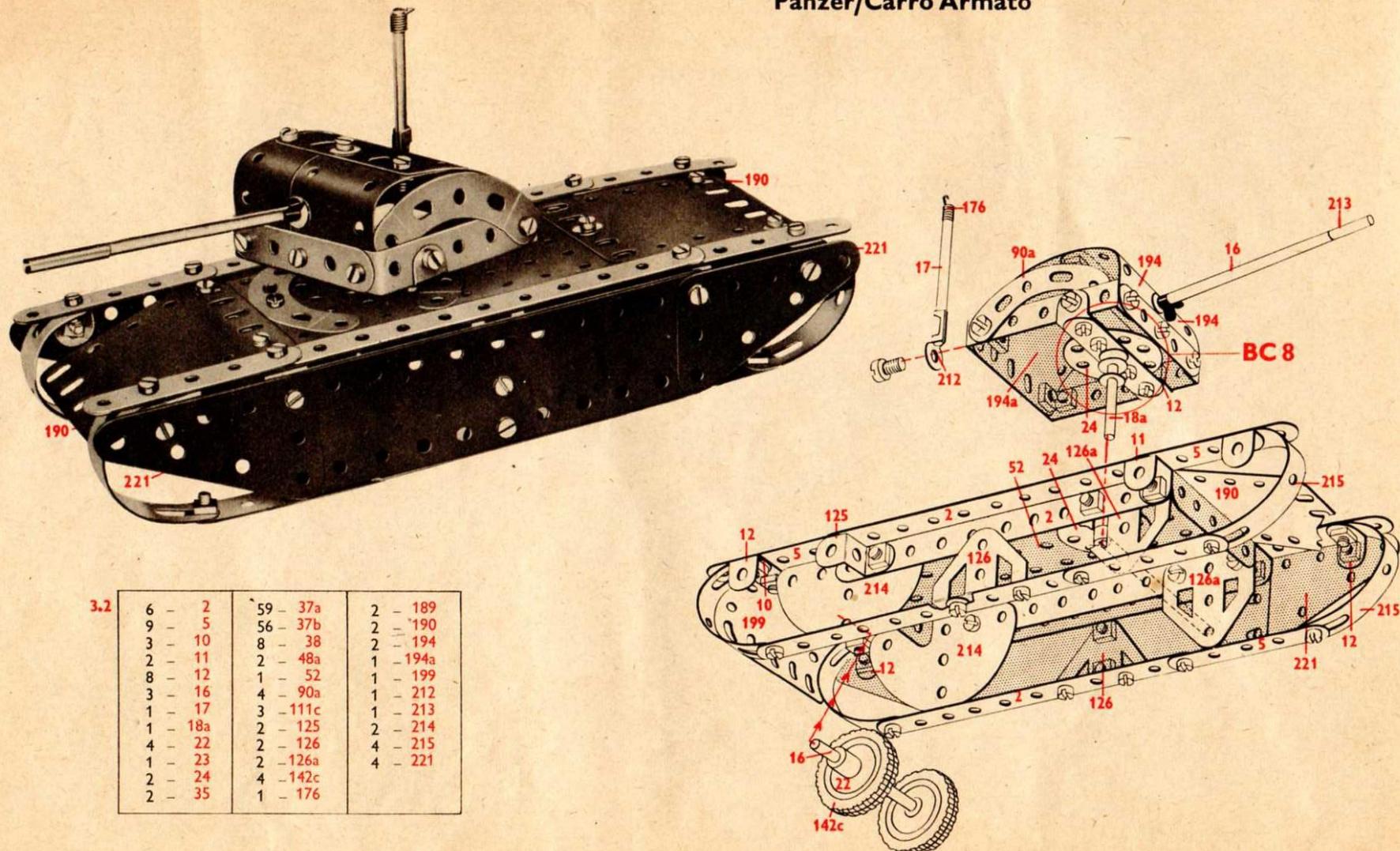
Motrice Orizzontale a Vapore



3.1	2 - 1	1 - 52
	6 - 2	4 - 90a
	9 - 5	3 - 111c
	2 - 10	2 - 125
	2 - 11	2 - 126
	10 - 12	2 - 126a
	2 - 15b	2 - 155
	2 - 16	2 - 188
	1 - 17	2 - 189
	1 - 19g	2 - 190
	1 - 20a	2 - 191
	4 - 22	2 - 192
	2 - 24	2 - 194
	4 - 35	1 - 199
	60 - 37a	1 - 212
	53 - 37b	1 - 213
	9 - 38	2 - 214
	2 - 38d	4 - 215
	1 - 40	2 - 221
	2 - 48a	

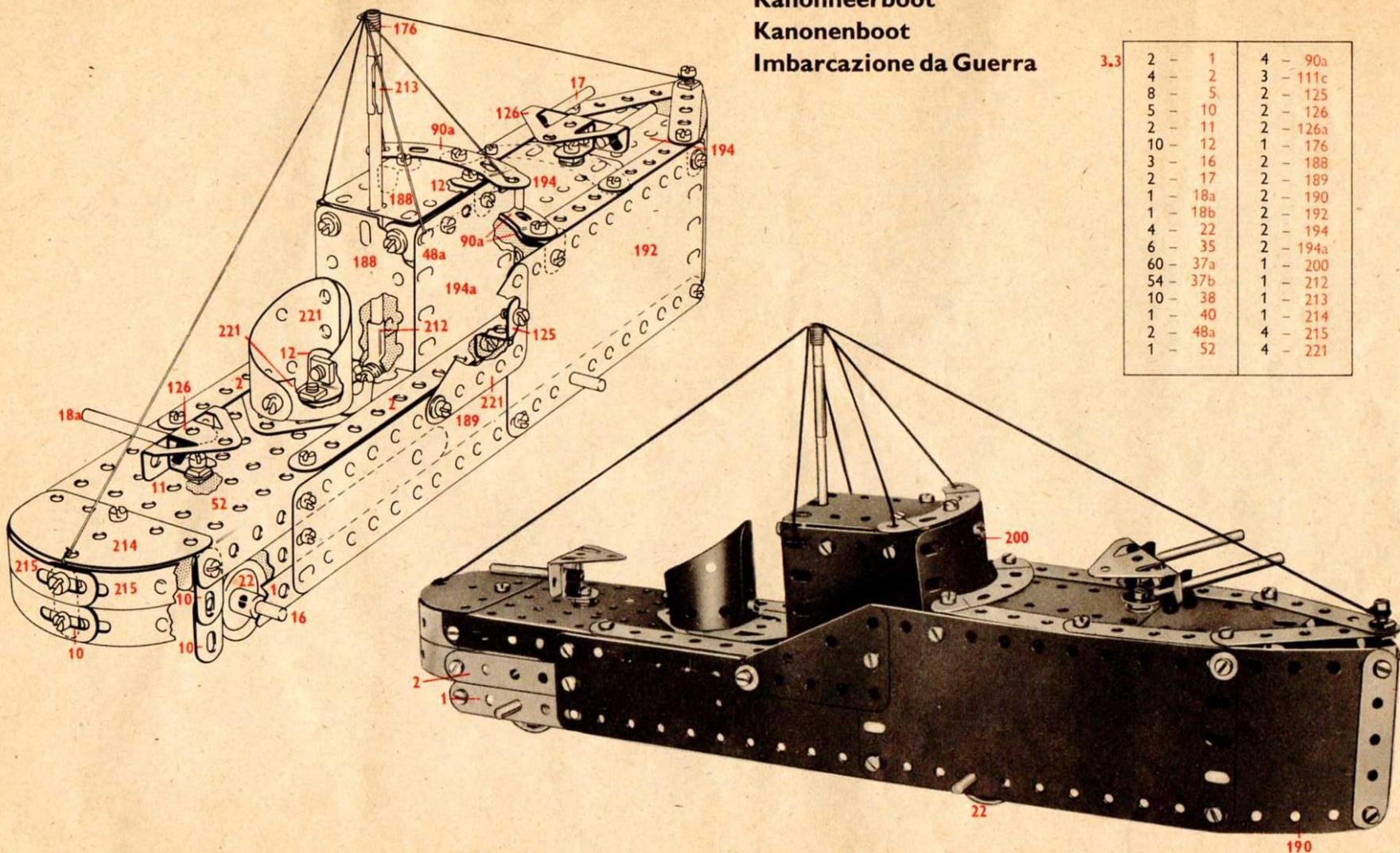


**3.2 Tank/Char de combat
Panzer/Carro Armato**

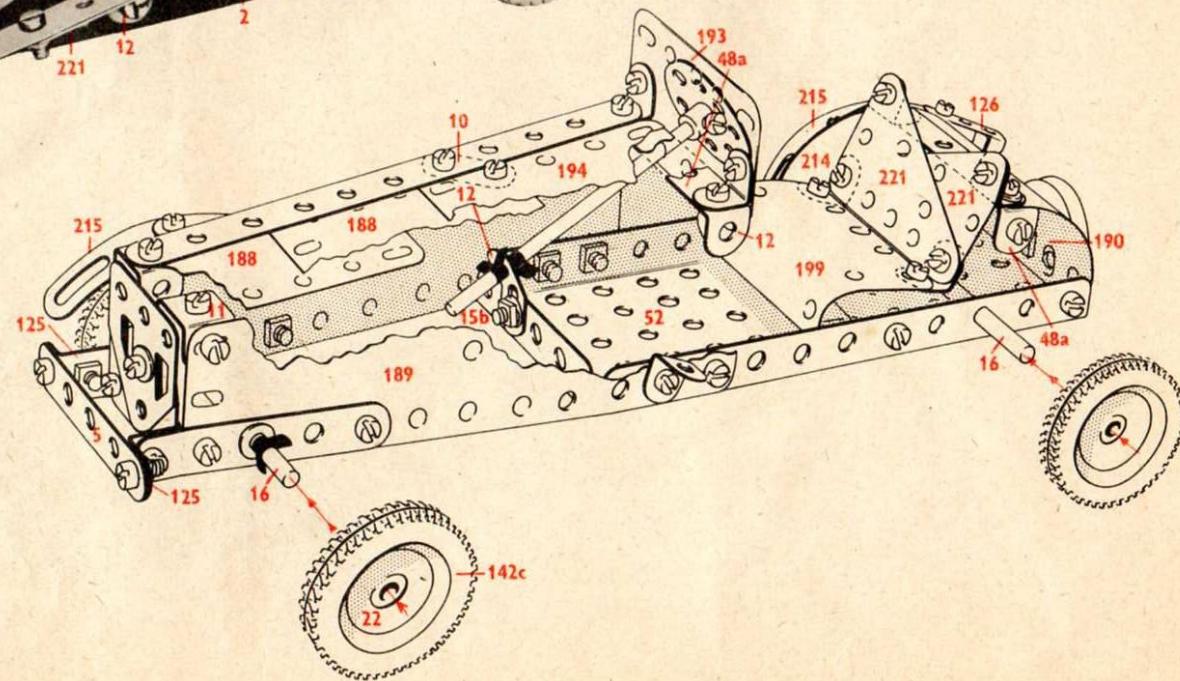
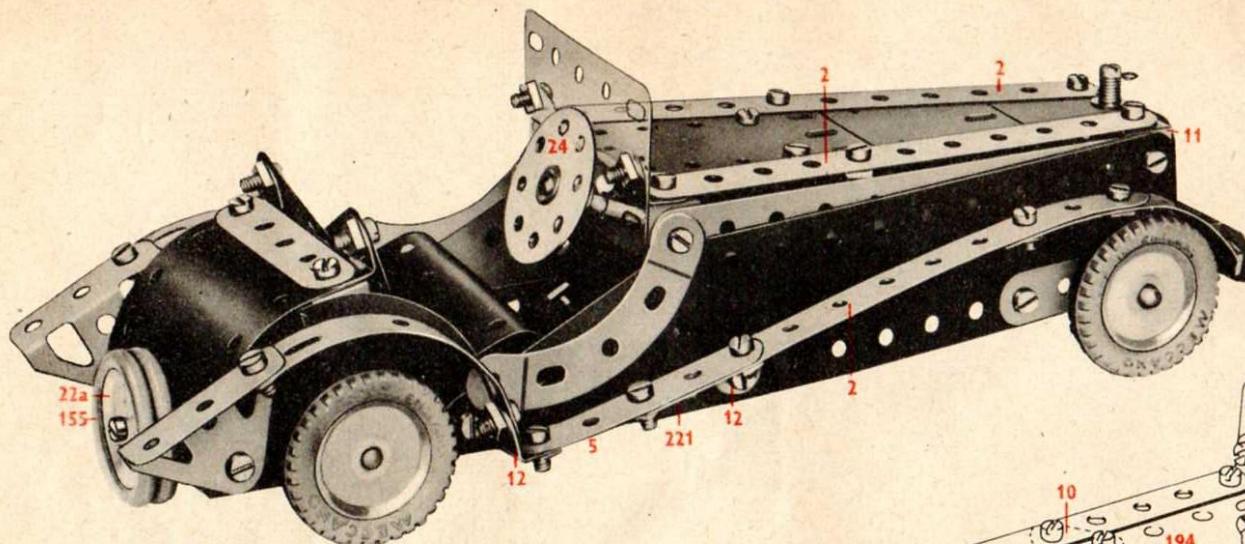
**3.2**

6 -	2	59 -	37a	2 -	189
9 -	5	56 -	37b	2 -	190
3 -	10	8 -	38	2 -	194
2 -	11	2 -	48a	1 -	194a
8 -	12	1 -	52	1 -	199
3 -	16	4 -	90a	1 -	212
1 -	17	3 -	111c	1 -	213
1 -	18a	2 -	125	2 -	214
4 -	22	2 -	126	4 -	215
1 -	23	2 -	126a	4 -	221
2 -	24	4 -	142c		
2 -	35	1 -	176		

**3.3 Gun Boat/Canonnière
Kanonneerboot
Kanonenboot
Imbarcazione da Guerra**



3.4 Sports Car/Voiture sport/Sportauto
Sportwagen/Autovettura Sport



3.4		
6	-	2
6	-	5
3	-	10
2	-	11
10	-	12
1	-	15b
2	-	16
4	-	22
2	-	22a
1	-	24
4	-	35
60	-	37a
56	-	37b
5	-	38
2	-	48a
1	-	52
2	-	90a
		4 - 111c
		2 - 125
		2 - 126
		2 - 126a
		4 - 142c
		2 - 155
		1 - 176
		2 - 188
		2 - 189
		1 - 193
		1 - 194
		1 - 199
		1 - 200
		2 - 214
		4 - 215
		4 - 221

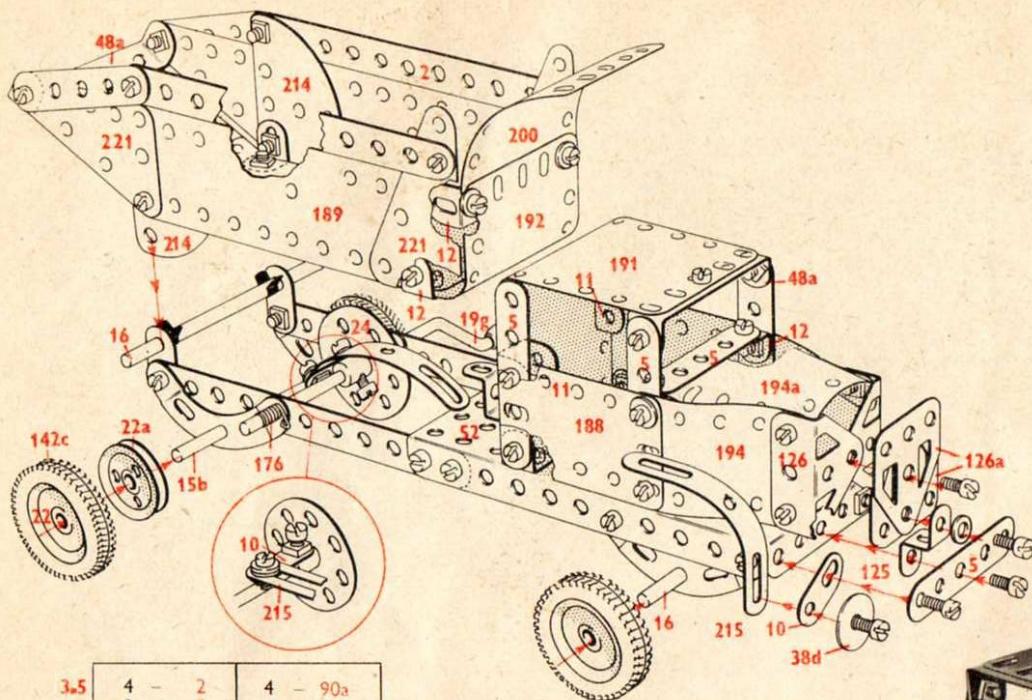
3.5 Dumper Truck

Camion à benne basculante

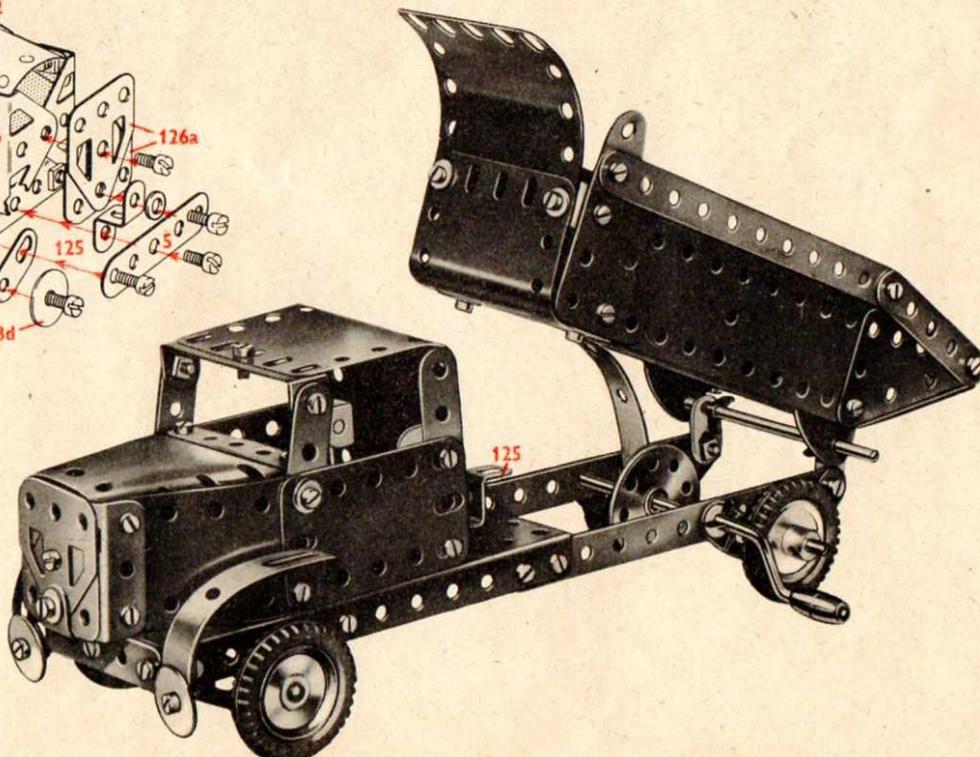
Kipauto

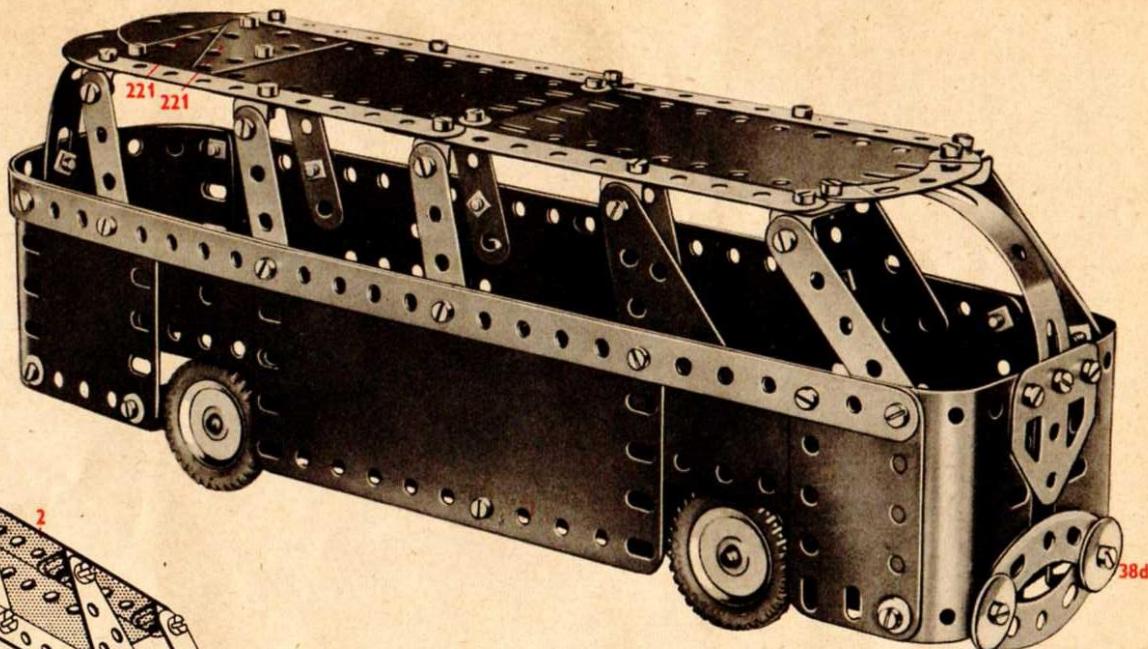
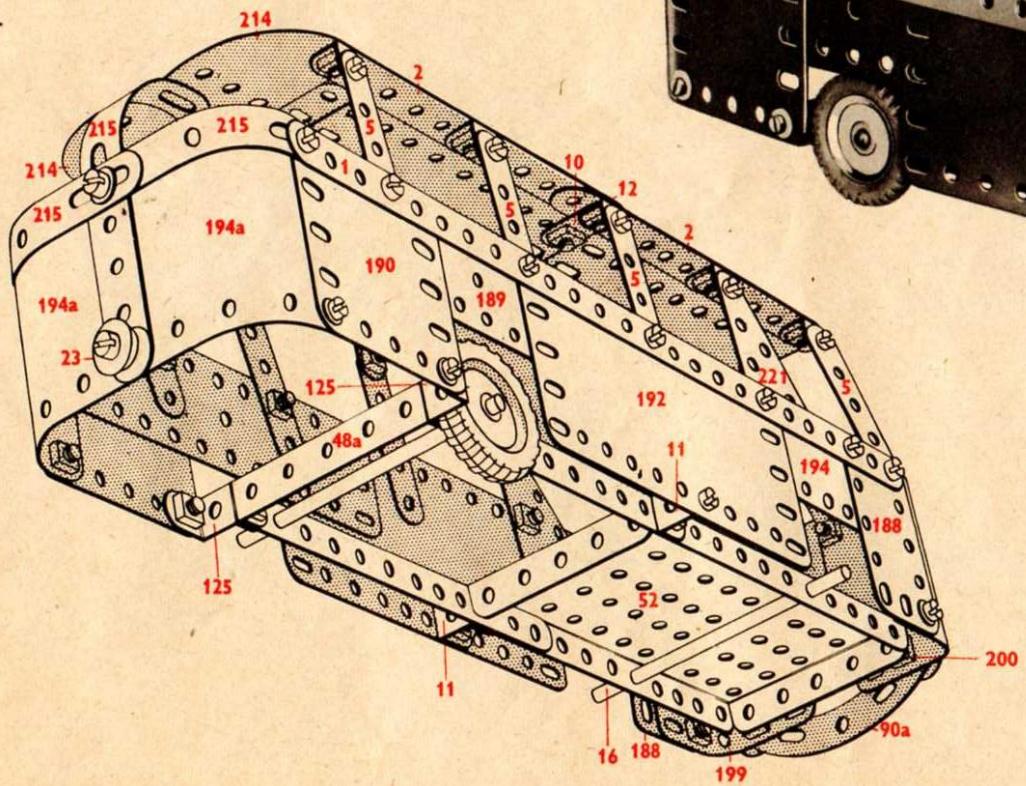
Kippwagen

Autocarro a Cassa Ribaltabile



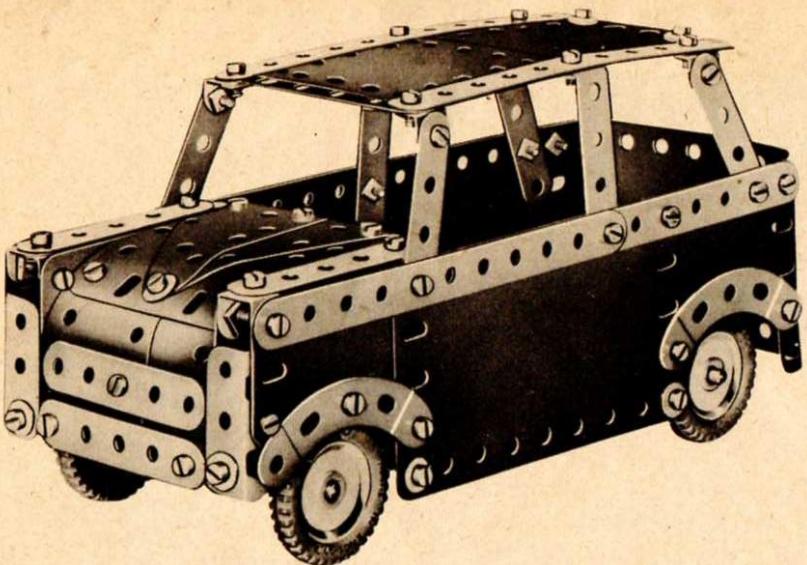
3.5	
4	- 2
8	- 5
5	- 10
2	- 11
10	- 12
1	- 15b
2	- 16
1	- 19g
4	- 22
2	- 22a
1	- 24
3	- 35
60	- 37a
56	- 37b
10	- 38
2	- 38d
2	- 48a
1	- 52
4	- 90a
4	- 111c
2	- 125
2	- 126
2	- 126a
4	- 142c
1	- 176
2	- 188
2	- 189
2	- 190
1	- 191
1	- 192
2	- 194
1	- 194a
1	- 200
2	- 214
3	- 215
4	- 221



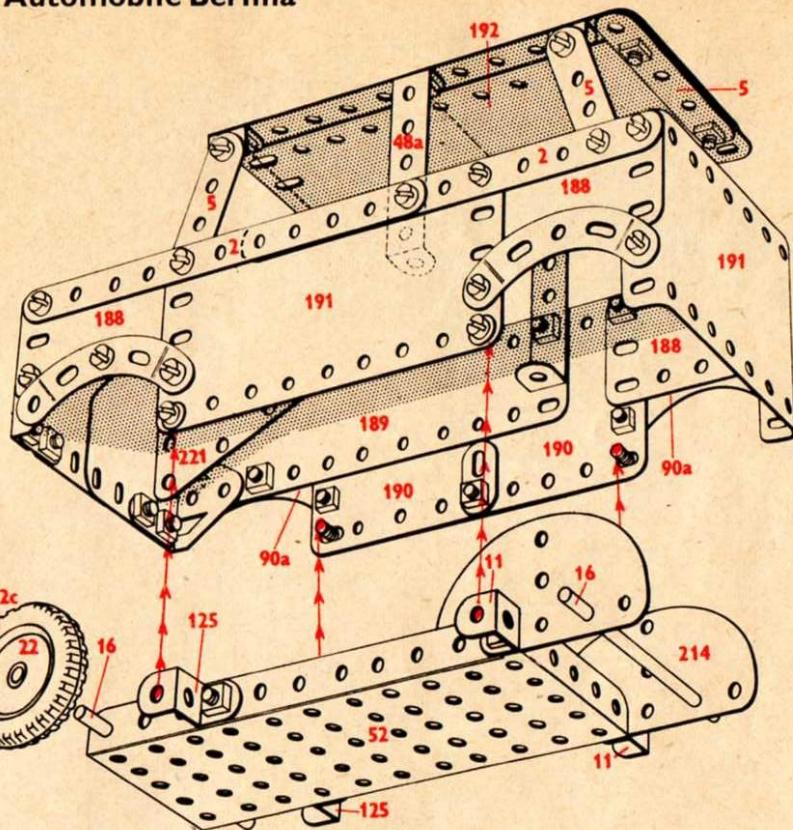
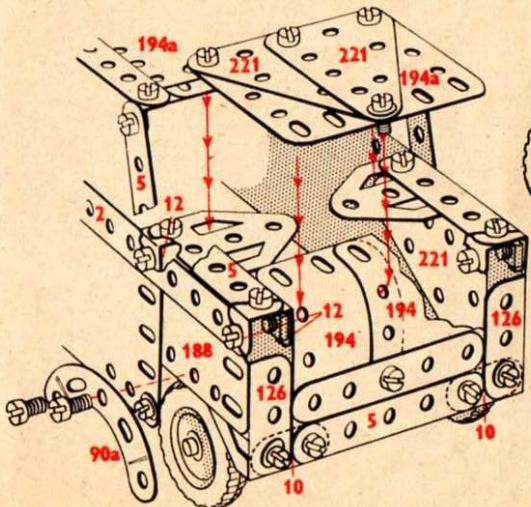
3.6 Observation Coach**Autocar grand tourisme****Uitzicht autobus****Aussichtswagen****Autobus Belvedere****3+6**

2	-	1	4	-	111c
6	-	2	2	-	125
9	-	5	1	-	126a
4	-	10	4	-	142c
2	-	11	2	-	188
10	-	12	2	-	189
2	-	16	2	-	190
4	-	22	2	-	191
1	-	23	2	-	192
60	-	37a	2	-	194
56	-	37b	2	-	194a
10	-	38	1	-	199
2	-	38d	1	-	200
1	-	48a	2	-	214
1	-	52	2	-	215
3	-	90a	4	-	221

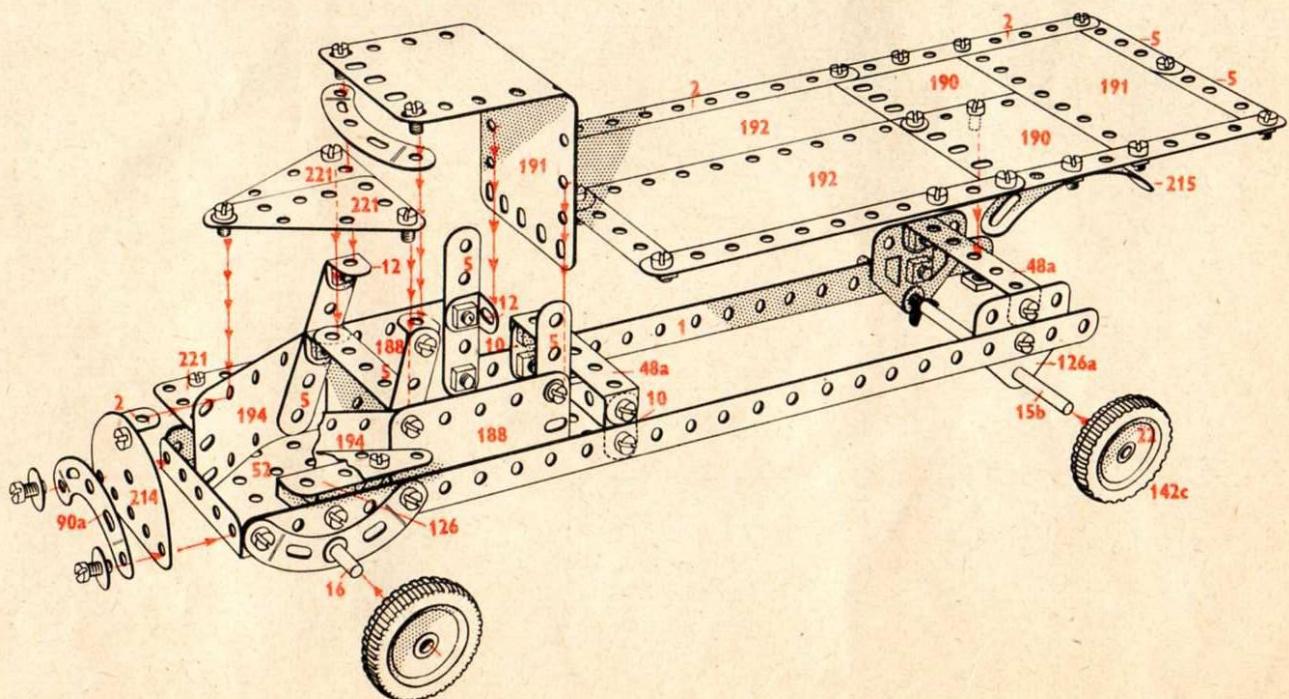
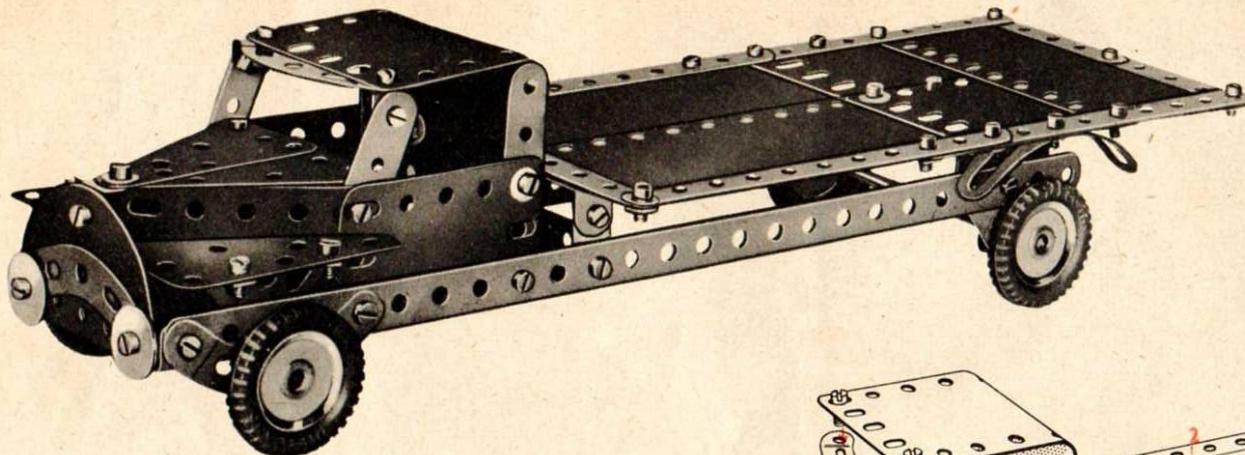
**3.7 Saloon Car/Conduite intérieure
Personen auto/Personenwagen
Automobile Berlina**



3.7	6 - 2	2 - 125
	9 - 5	2 - 126
	3 - 10	2 - 126a
	2 - 11	4 - 142c
	10 - 12	2 - 188
	2 - 16	2 - 189
	4 - 22	2 - 190
	60 - 37a	2 - 191
	56 - 37b	2 - 192
	9 - 38	2 - 194
	2 - 48a	2 - 194a
	1 - 52	2 - 214
	4 - 90a	4 - 221
	4 - 111c	

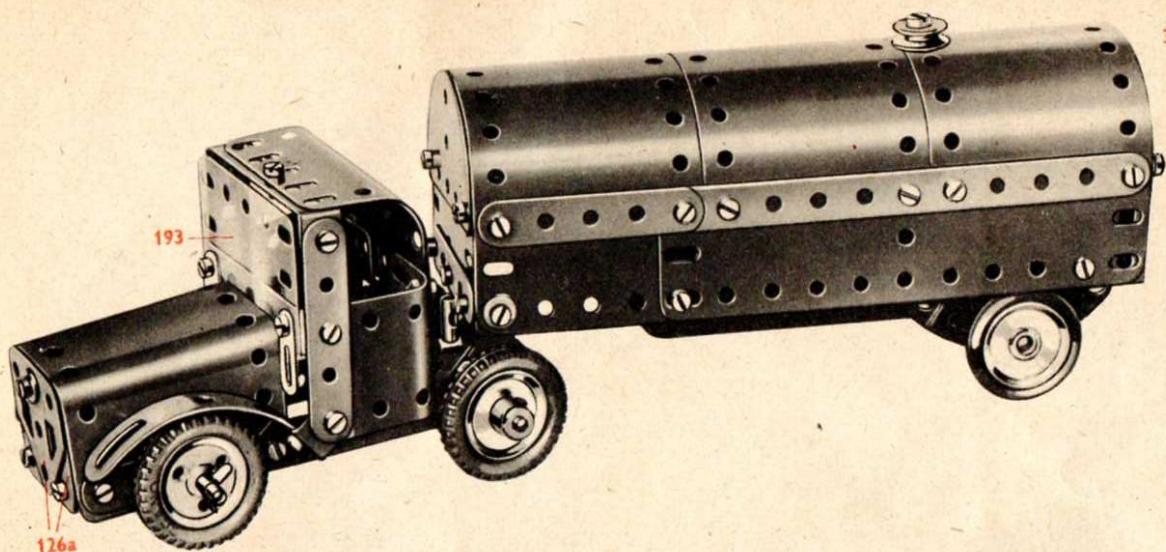


3.8 Motor Lorry/Camion plateau/Motor-lorry Lastkraftwagen/Autocarro

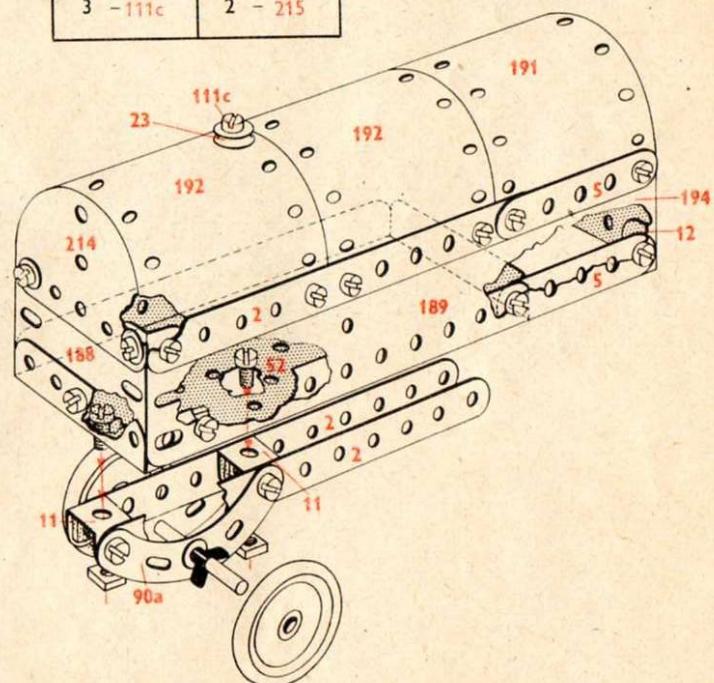
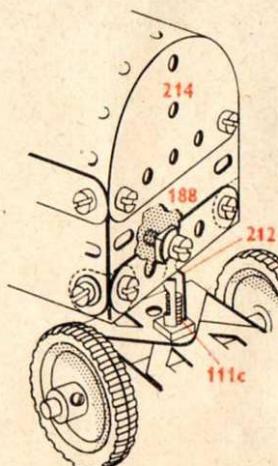
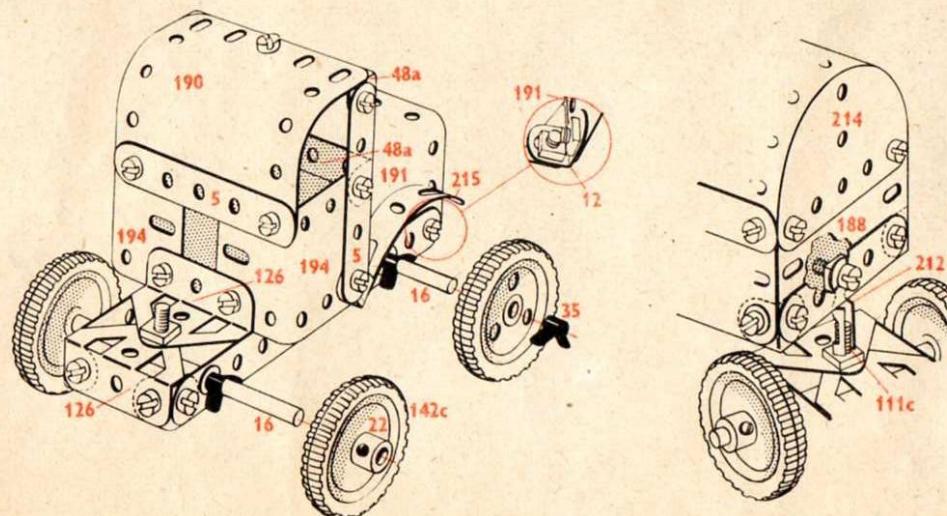


3.8	2 - 1	1 - 52
4 -	2	4 - 90a
9 -	5	2 - 126
2 -	10	2 - 126a
7 -	12	4 - 142c
1 -	15b	2 - 188
1 -	16	2 - 190
4 -	22	2 - 191
2 -	35	2 - 192
53 -	37a	2 - 194
53 -	37b	1 - 214
8 -	38	2 - 215
2 -	38d	4 - 221
2 -	48a	

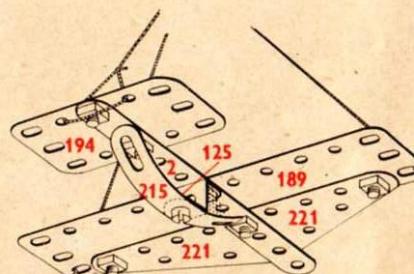
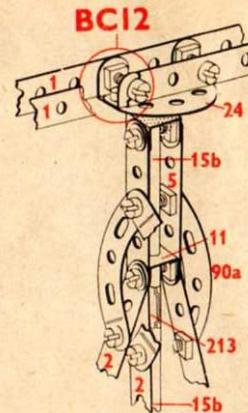
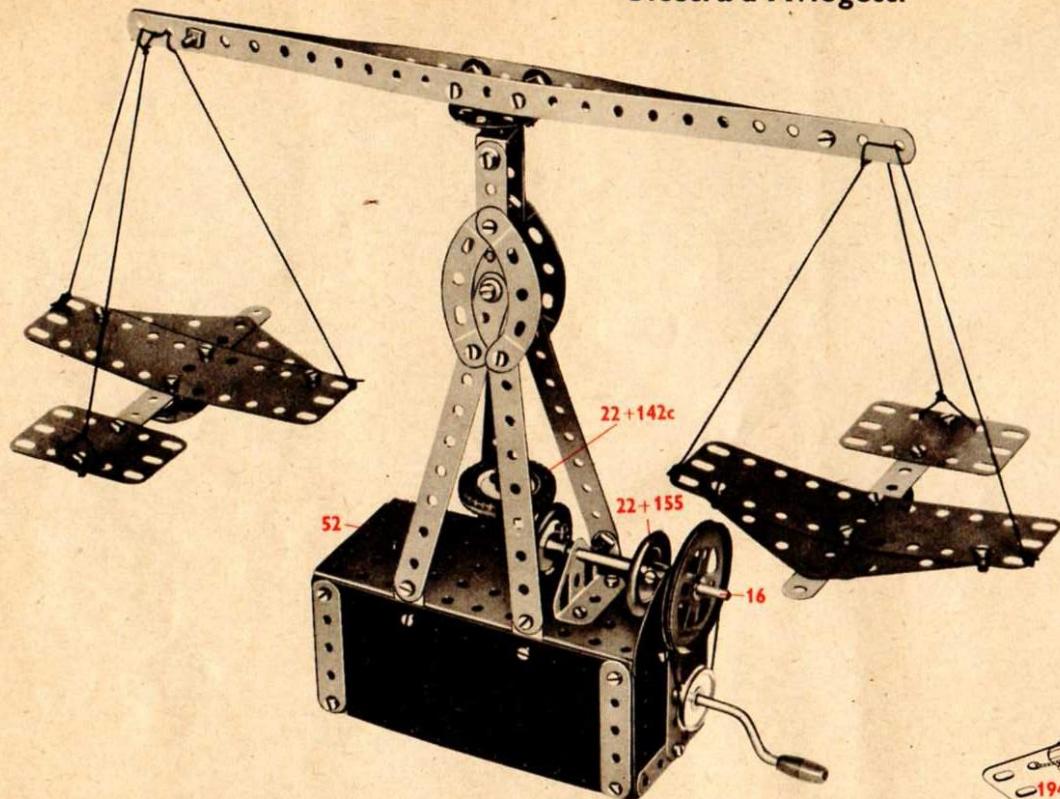
**3.9 Articulated Petrol Tanker/Camion citerne
Tankauto, truck met
oplegger
Sattelschlepper mit
Tankanhänger
Autobotte Snodata**



3.9	6 -	2	2 -	125
	8 -	5	2 -	126
	2 -	10	2 -	126a
	2 -	11	4 -	142c
	8 -	12	2 -	155
	2 -	16	1 -	176
	1 -	17	2 -	188
	4 -	22	2 -	189
	2 -	22a	1 -	190
	1 -	23	2 -	191
	7 -	35	2 -	192
	60 -	37a	1 -	193
	56 -	37b	2 -	194
	10 -	38	2 -	194a
	2 -	48a	1 -	199
	1 -	52	1 -	212
	2 -	90a	2 -	214
	3 -	111c	2 -	215



**3.10 Revolving Jet Planes/ Manège d'avions/Draaiende Jet-vliegtuigen
Düsenjägerkarussell
Giostra d'Aviogetti**

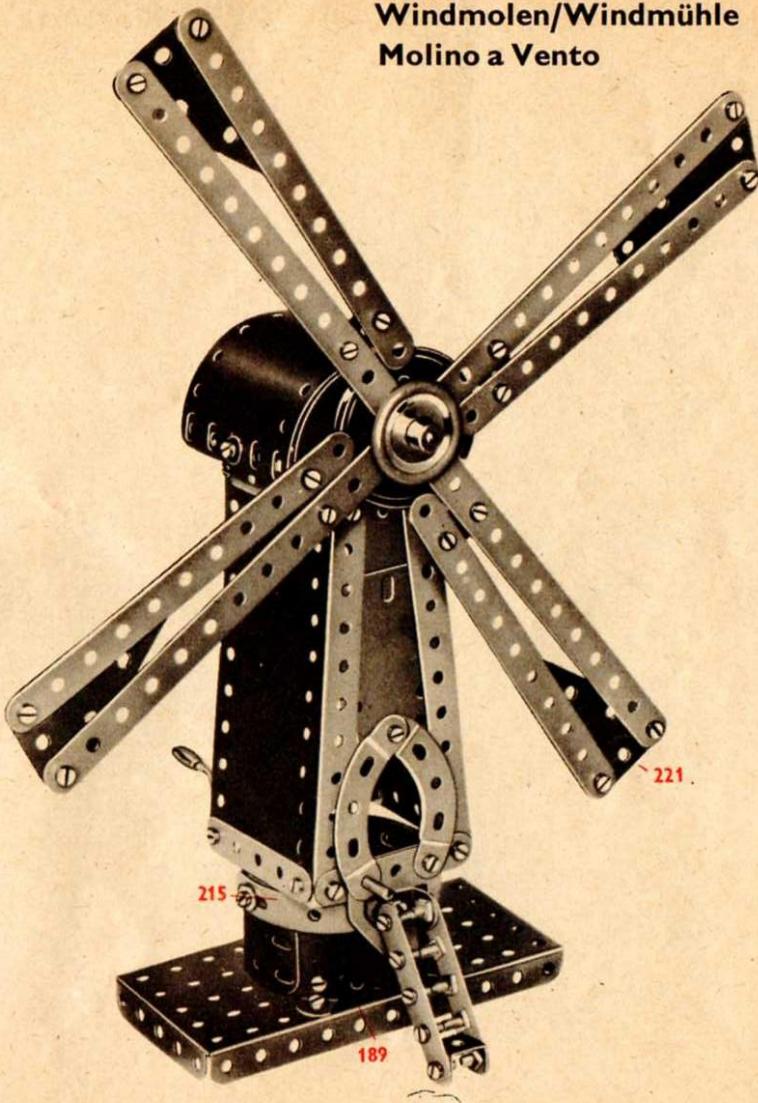
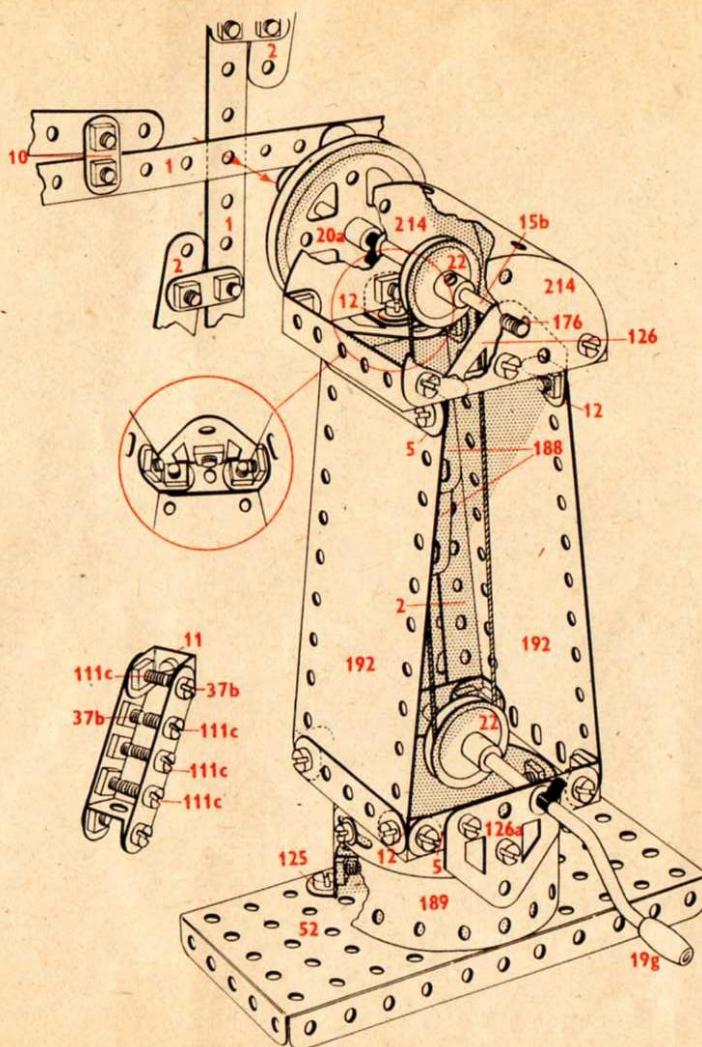


3.10	2 -	1
6 -	2	
9 -	5	
4 -	10	
2 -	11	
4 -	12	
2 -	15b	
1 -	16	
1 -	19g	
1 -	20a	
4 -	22	
2 -	24	
60 -	37a	
56 -	37b	
6 -	38	
1 -	40	
2 -	48a	
1 -	52	
4 -	90a	
4 -	111c	
2 -	125	
2 -	126	
1 -	142c	
2 -	155	
2 -	188	
2 -	189	
1 -	190	
2 -	192	
2 -	194	
1 -	213	
1 -	214	
2 -	215	
4 -	221	

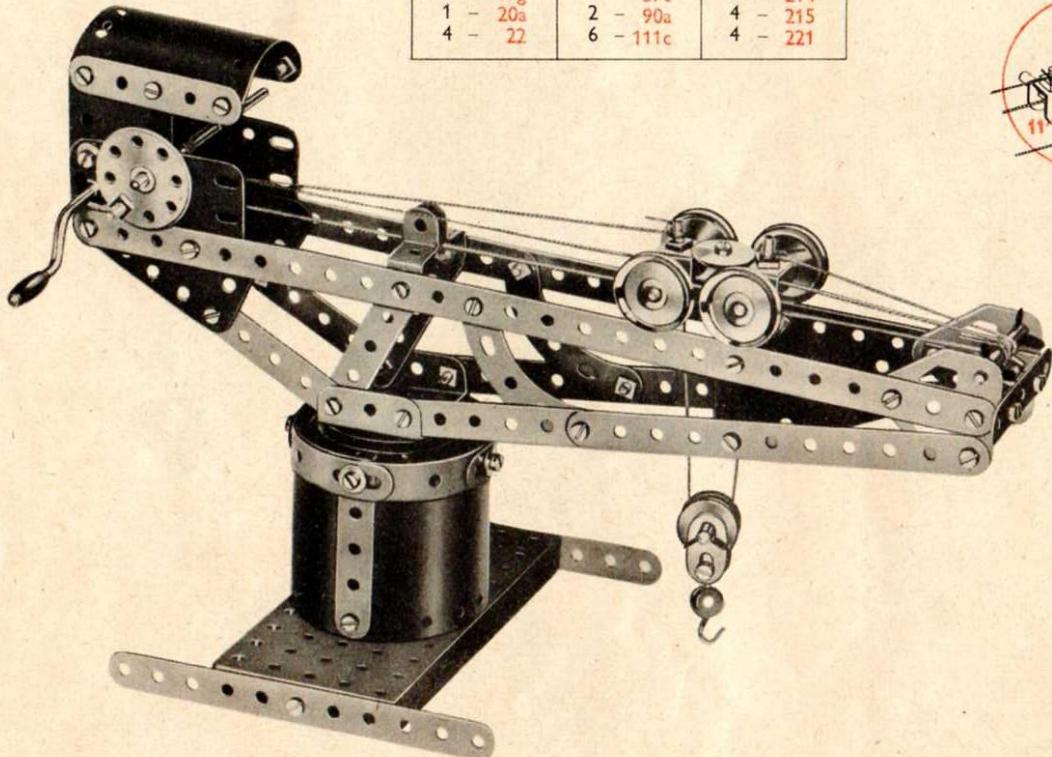
**3.11 Windmill/ Moulin à vent
Windmolen/Windmühle
Molino a Vento**

3.11

2	-	1
6	-	2
8	-	5
4	-	10
2	-	11
9	-	12
1	-	15b
1	-	19g
1	-	20a
3	-	22
2	-	35
60	-	37a
54	-	37b
6	-	38
1	-	40
2	-	48a
1	-	52
2	-	90a
6	-	111c
2	-	125
2	-	126
2	-	126a
1	-	155
1	-	176
2	-	188
2	-	189
1	-	191
2	-	192
2	-	214
4	-	215
4	-	221

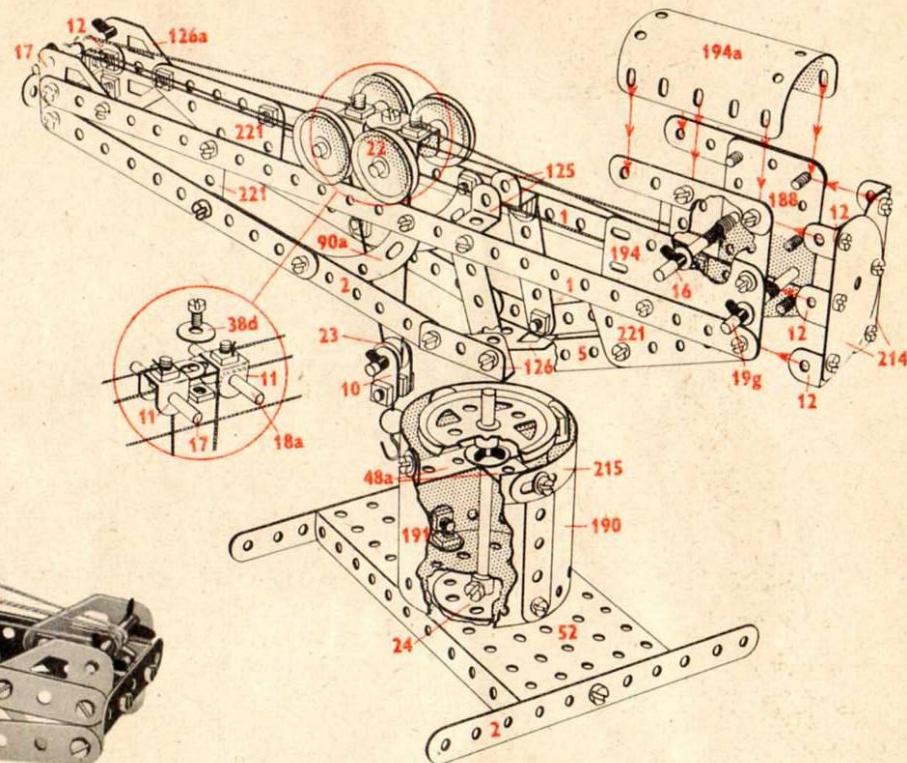


**3.12 Block-setting Crane/Grue pour poser de blocs de béton/Zware kraan/Fahrbarer Portaldrehkran
Gru per la Posa di Massi**

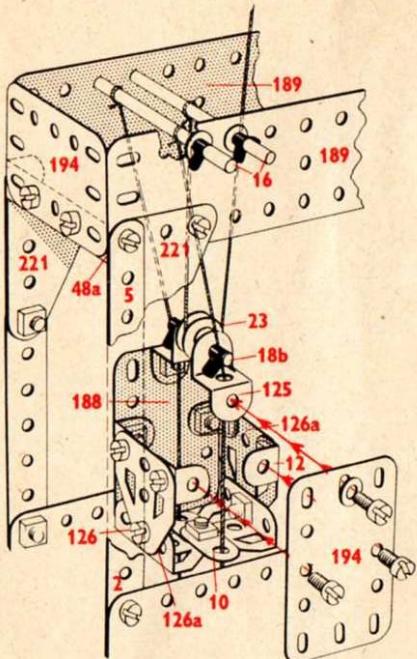


3.12

2 -	1	1 -	23	2 -	125
6 -	2	2 -	24	2 -	126
9 -	5	8 -	35	2 -	126a
4 -	10	60 -	37a	1 -	176
2 -	11	52 -	37b	2 -	188
10 -	12	10 -	38	1 -	190
2 -	16	2 -	38d	1 -	191
2 -	17	1 -	40	2 -	194
1 -	18a	2 -	48a	1 -	194a
1 -	18b	1 -	52	1 -	200
1 -	19g	1 -	57c	2 -	214
1 -	20a	2 -	90a	4 -	215
4 -	22	6 -	111c	4 -	221

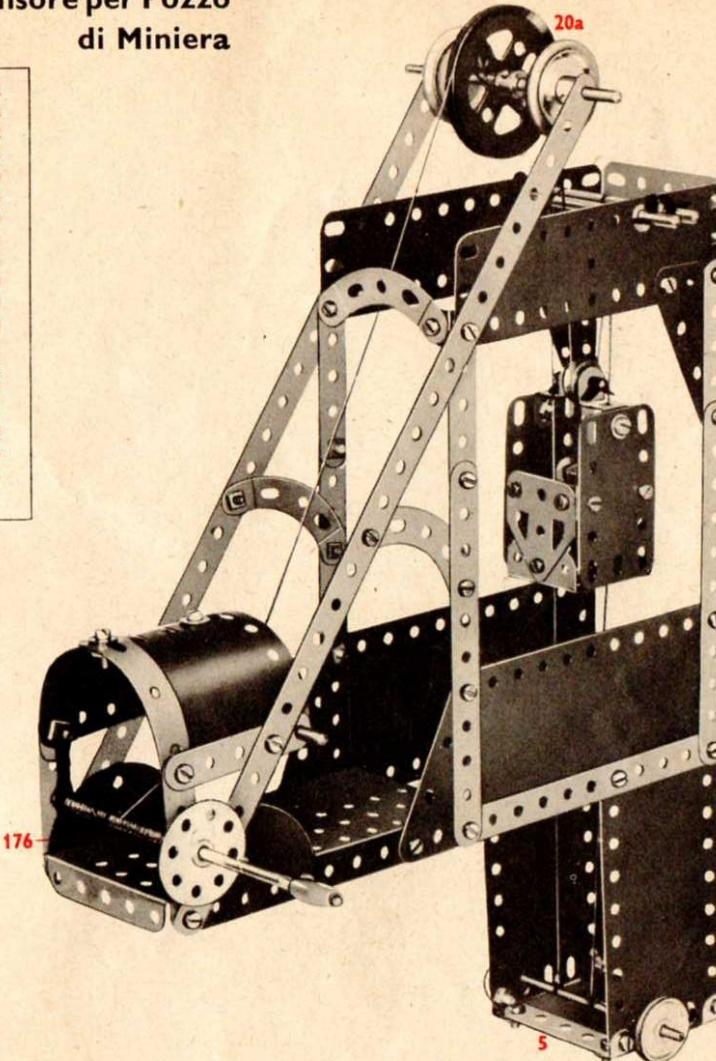
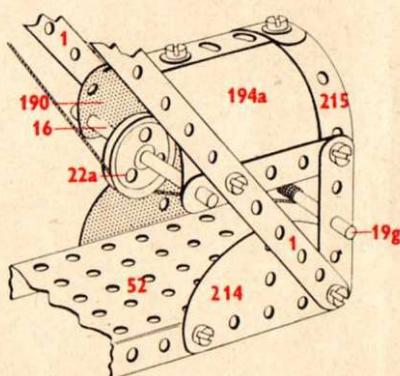


**3.13 Pit-head Gear/Puits de mine/ Mijnschacht lift
Förderturmanlage/Ascensore per Pozzo
di Miniera**

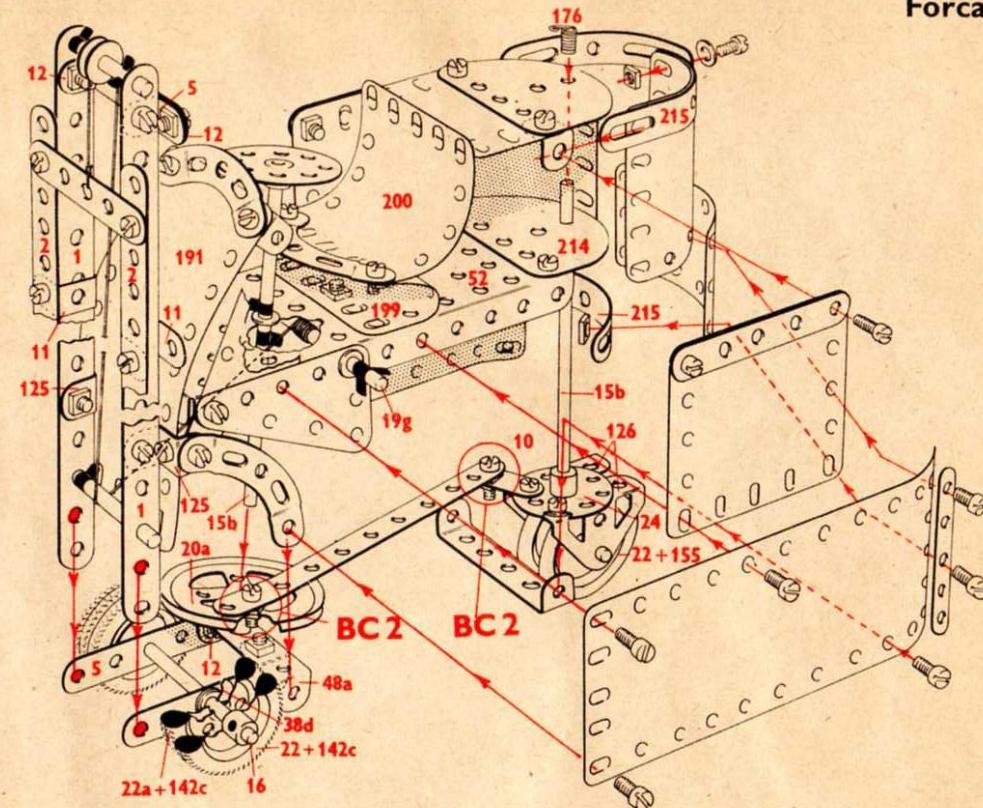
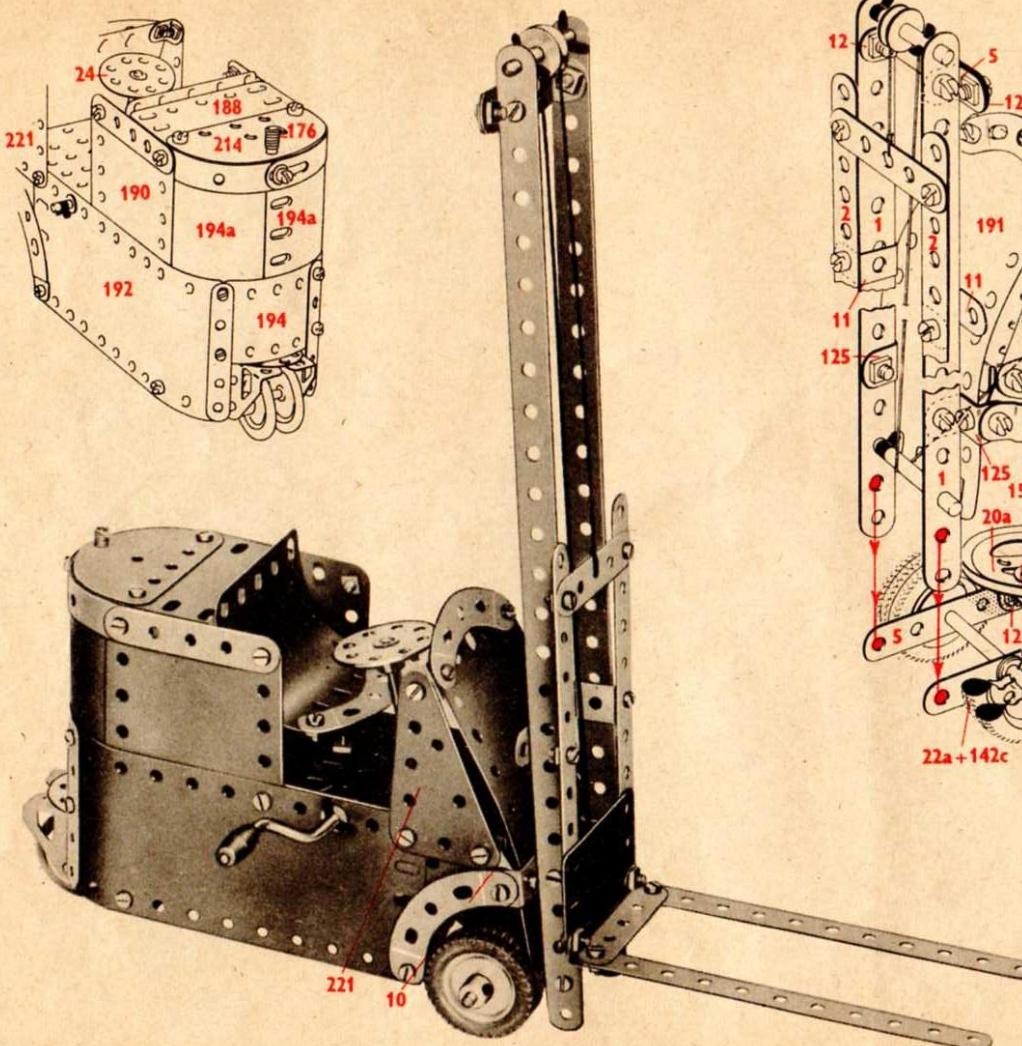


3.13

2	1	1	52
6	2	4	90a
9	5	4	111c
2	10	2	125
10	12	2	126
2	15b	2	126a
3	16	2	155
1	18b	1	176
1	19g	1	186
1	20a	2	188
4	22	2	189
1	22a	1	190
1	23	2	191
1	24	2	192
8	35	2	194
60	37a	1	194a
56	37b	1	200
10	38	2	214
1	40	4	215
2	48a	4	221



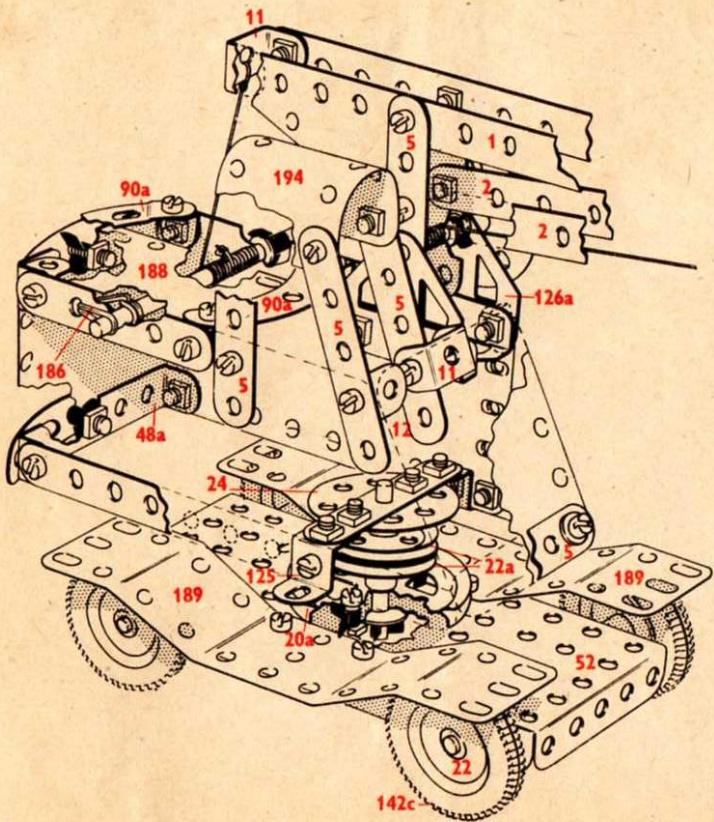
3.14 Fork-lift Truck/Chariot à fourche/Vorkheftruck/Gabelstapler/Carrello con Elevatore a Forca



3.14	2 - 1	1 - 20a	2 - 48a	1 - 191
	5 - 2	4 - 22	1 - 52	2 - 192
	9 - 5	2 - 22a	4 - 90a	1 - 194
	3 - 10	1 - 23	3 - 111c	2 - 194a
	2 - 11	2 - 24	2 - 125	1 - 199
	10 - 12	8 - 35	2 - 126	1 - 200
	2 - 15b	60 - 37a	4 - 142c	2 - 214
	1 - 16	55 - 37b	2 - 155	3 - 215
	2 - 17	10 - 38	1 - 176	4 - 221
	1 - 18a	2 - 38d	2 - 188	
	1 - 19g	1 - 40	2 - 190	

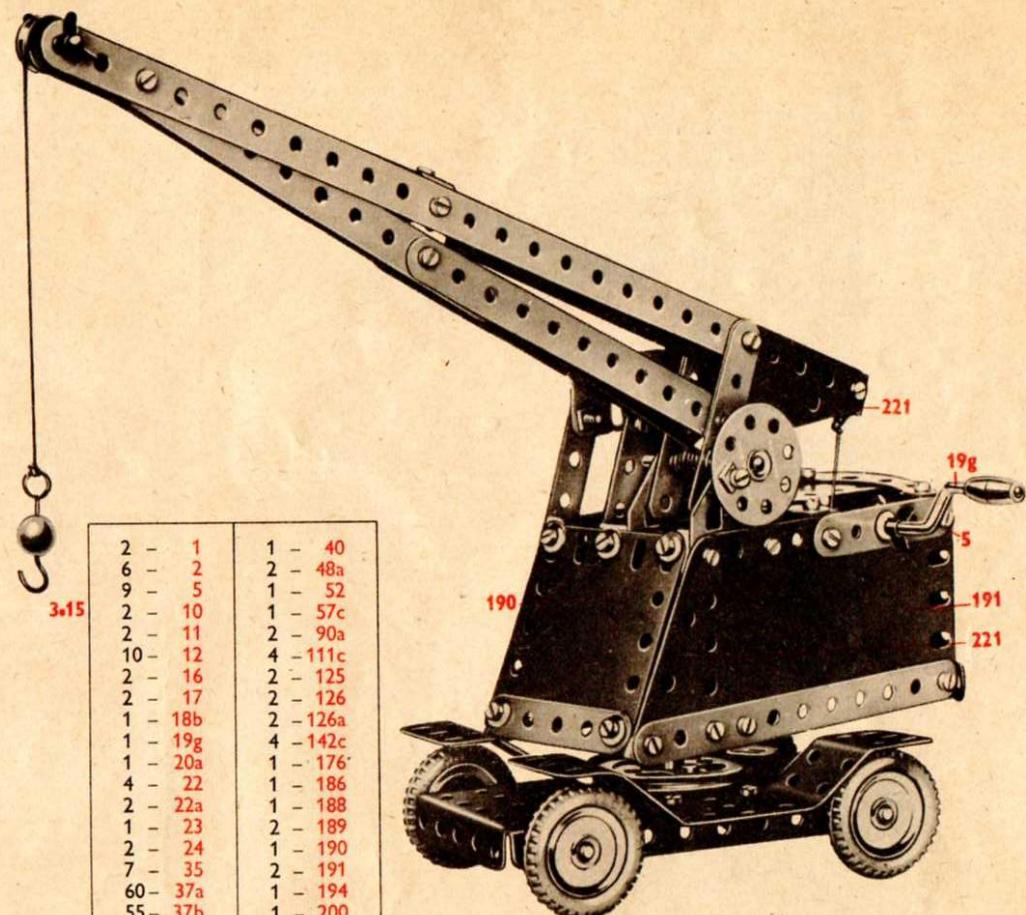
3.15 Mobile Crane/Grue mobile/Rijdende kraan

Fahrbarer Kran/Gru Mobile

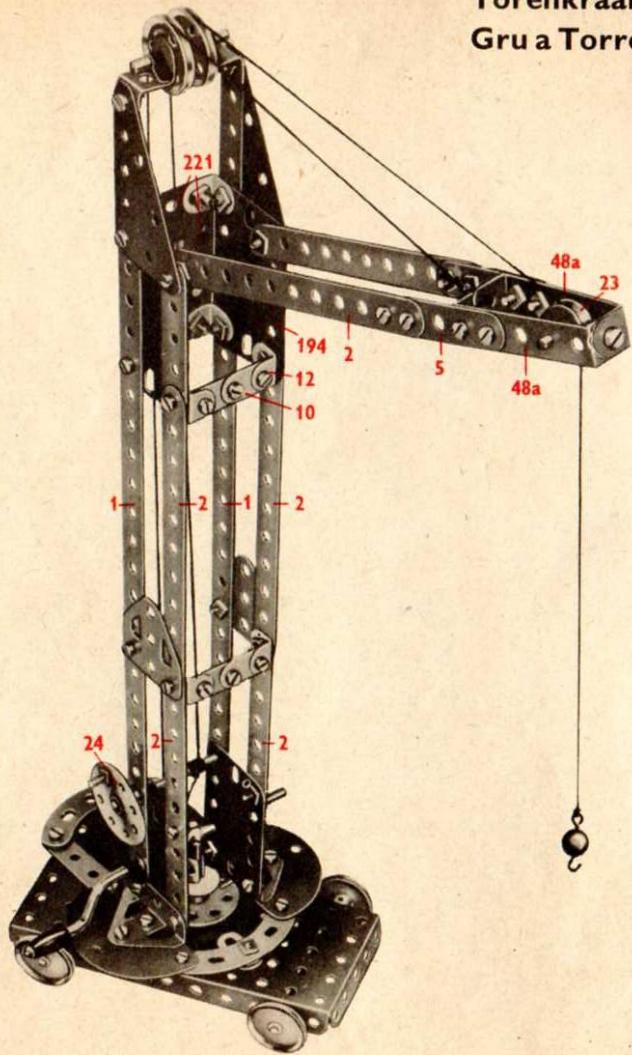


3.15

2	-	1	-	40
6	-	2	-	48a
9	-	5	-	52
2	-	10	-	57c
2	-	11	-	90a
10	-	12	-	111c
2	-	16	-	125
2	-	17	-	126
1	-	18b	-	126a
1	-	19g	-	142c
1	-	20a	-	176
4	-	22	-	186
2	-	22a	-	188
1	-	23	-	189
2	-	24	-	190
7	-	35	-	191
60	-	37a	-	194
55	-	37b	-	200
8	-	38	-	221
1	-	38d	-	

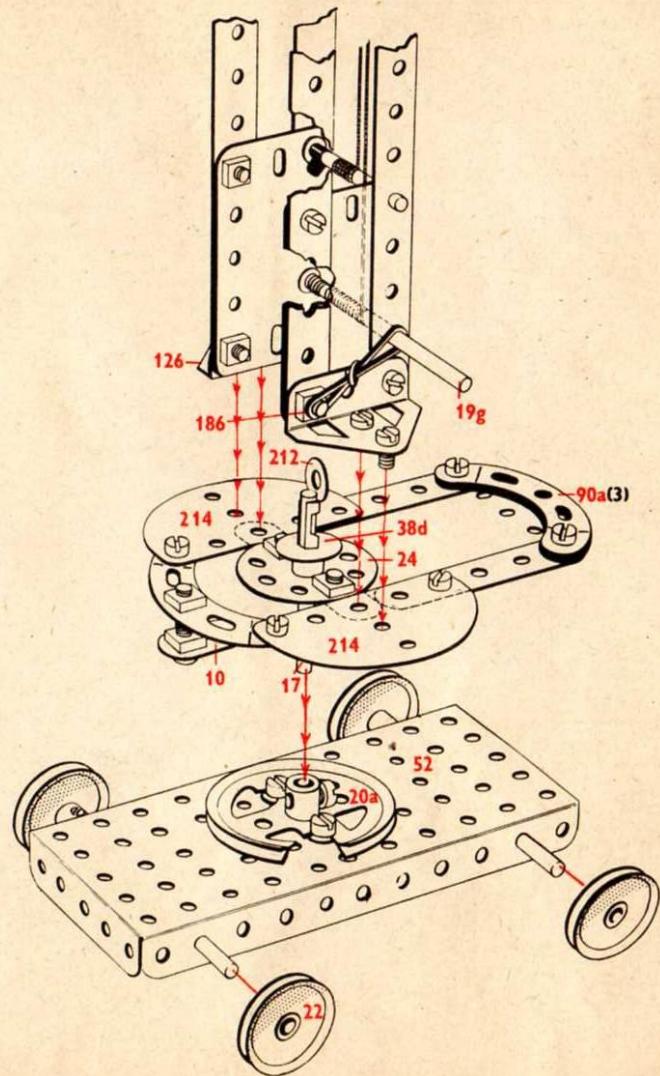


3.16 Monotower Crane/Grue de chantier Torenkraan/Turmdrehkran Gru a Torre



3.16

2	-	1
6	-	2
9	-	5
5	-	10
8	-	12
2	-	16
2	-	17
1	-	18a
1	-	18b
1	-	19g
1	-	20a
4	-	22
2	-	22a
1	-	23
2	-	24
7	-	35
59	-	37a
48	-	37b
9	-	38
1	-	38d
1	-	40
2	-	48a
1	-	52
1	-	57c
4	-	90a
6	-	111c
2	-	125
2	-	126
2	-	126a
1	-	176
1	-	186
2	-	188
1	-	190
2	-	194
1	-	212
2	-	214
4	-	221



Names and numbers of Meccano parts used in No. 2 and No. 3 Outfit models**Noms et numéros des pièces Meccano utilisées dans les modèles des boîtes no. 2 et no. 3****Namen en nummers van de Meccano onderdelen welke gebruikt worden in de modellen van doos 2 en doos 3****Bezeichnungen und Nummern der Meccano Teile, die zu den Modellen von Baukästen Nr. 2 und Nr. 3 gebraucht werden****Numeri e denominazioni dei pezzi Meccano usati nella costruzione dei modelli delle Scatole No. 2 e No. 3**

Perforated Strip
Bande perforée
Geperforeerde strook
Lochband
Strisce perforate

Fishplate
Support plat
Plat steunstuk
Flache Stütze
Supporto piatto

Double Bracket
Support double
Dubbel steunstuk
Doppelte Winkelstütze
Supporto doppio

Angle Bracket
Equerre
Hoeksteen
Winkelstütze
Squadretta

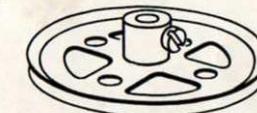
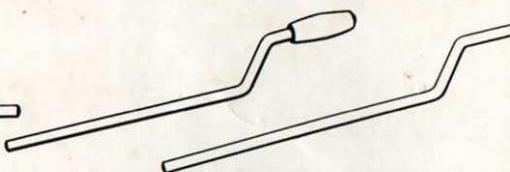
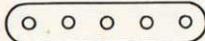
Rods
Tringle
Assen
Stäbe
Assi

Crank Handle (with grip)
Manivelle (avec poignée)
Kruk (met greep)
Handkurbel mit Griff
Manovella con impugnatura speciale

Crank Handle (without grip)
Petite manivelle (sans poignée)
Kruk (zonder greep)
Handkurbel ohne Griff
Manovella

Pulley
Poulie
Riemschijf
Riemenscheibe
Puleggia

Pulley (with boss)
Poulie à moyeu
Riemschijf (met naaf)
Riemenscheibe (mit Stellschraube)
Puleggia (con vite d'arresto)



1 - 12 $\frac{1}{2}$; 32 cm
2 - 5 $\frac{1}{2}$; 14 cm
5 - 2 $\frac{1}{2}$; 6 cm

10

11

12

15b - 4"; 10 cm
16 - 3 $\frac{1}{2}$ "; 9 cm
17 - 2"; 5 cm
18a - 1 $\frac{1}{4}$ "; 4 cm
18b - 1"; 2,5 cm

19g

19s

20a - 2"; 5 cm

22 - 1"; 25 cm

Pulley (without boss)
Poulie sans moyeu
Riemschijf (zonder naaf)
Riemenscheibe (ohne Stellschraube)
Puleggia (senza vite d'arresto)

Pulley (without boss)
Poulie sans moyeu
Riemschijf (zonder naaf)
Riemenscheibe (ohne Stellschraube)
Puleggia (senza vite d'arresto)

Bush Wheel

Roue barillet
Naafbuswiel
Buchsrad
Disco con mozzo

Spring Clip

Clavette
Veerclip
Klemmuffe
Fermaglio a molla

Nut

Ecrou
Moer
Mutter
Dado

Bolt

Boulon
Bout
Schraube
Vite

Washer

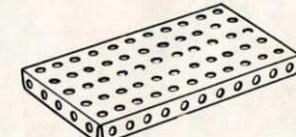
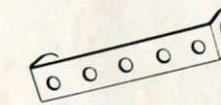
Rondelle
Onderlegring
Unterlagscheibe
Rondella

Washer

Disque
Onderlegring
Unterlagscheibe
Rondella

Double Angle Strip
Bande coulée
Dubbele hoekstrook
Doppelwinkelstreifen
Striscia a piega doppia

Flanged Plate
Plaque à rebords
Flensplaat
Geflanschte Platte
Piastra bordata



22a - 1"; 2,5 cm

23 - $\frac{1}{2}$ "; 1 cm

24

35

37a

37b

38

38d - $\frac{3}{4}$ "; 2 cm48a - $2\frac{1}{2}$ " \times $\frac{1}{2}$ "; 6 cm \times 1 cm52 - $5\frac{1}{2}$ " \times $2\frac{1}{2}$ "; 14 cm \times 6 cm

Names and numbers of Meccano parts used in No. 2 and No. 3 Outfit models

Noms et numéros des pièces Meccano utilisées dans les modèles des boîtes no. 2 et no. 3

Namen en nummers van de Meccano onderdelen welke gebruikt worden in de modellen van doos 2 en doos 3

Bezeichnungen und Nummern der Meccano Teile, die zu den Modellen von Baukästen Nr. 2 und Nr. 3 gebraucht werden

Numeri e denominazioni dei pezzi Meccano usati nella costruzione dei modelli delle Scatole No. 2 e No. 3

Loaded Hook
Petit crochet lesté
Haak
Belasteter Haken
Gancio con peso

Curved Strip (Stepped)
Bande incurvée, épaulée
Gebogen trapstrook
Gekrümmtes Band,
gekröpft
Striscia curva piegata

Bolt
Boulon
Bout
Schraube
Vite

Reversed Angle
Bracket
Equerre renversée
Omgekeerde
hoeksteun
Umgekehrte
Winkelstütze
Doppia squadretta

Trunnion
Embase triangulée
coudée
Tap
Zapfen
Supporto triangolare
piegato

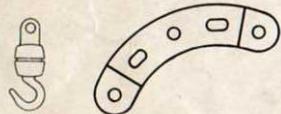
Flat Trunnion
Embase triangulée
plate
Vlakke tap
Flacher Zapfen
Supporto triangolare
piatto

Motor Tyre
Pneu d'automobile
Autoband
Autoreifen
Gomma per
autoveicoli

Rubber Ring
Anneau de
caoutchouc
Rubberband
Gummiring
Anello di gomma

Cord Anchoring
Spring
Ressort d'attache
pour corde
Veeranker voor
koord
Befestigungs-
Feder für
Meccano
Schnur

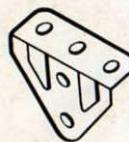
Flexible Plate
Plaque flexible
Buigzame plaat
Biessame Platte
Piastra flessibile



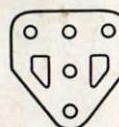
57c



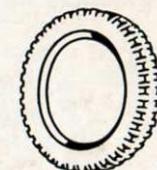
90a

111c - $\frac{3}{8}$ " ; 1 cm

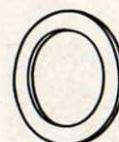
125



126a



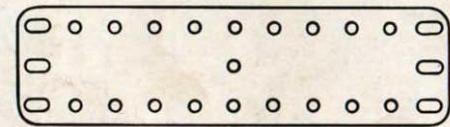
142c



155



176

188 - $2\frac{1}{2}$ " x $1\frac{1}{2}$ ";
60 x 38 mm189 - $5\frac{1}{2}$ " x $1\frac{1}{2}$ ";
140 x 38 mm190 - $2\frac{1}{2}$ " x $2\frac{1}{2}$ ";
6 x 6 cm191 - $4\frac{1}{2}$ " x $2\frac{1}{2}$ ";
11.5 x 6 cm192 - $5\frac{1}{2}$ " x $2\frac{1}{2}$ ";
14 x 6 cm

Plastic Plate (transparent)
Plaque plastique, claire
Plastic plaat, transparant
Kunststoffplatte,
durchsichtig
Piastra di plastica,
trasparente

Plastic Plate (black)
Plaque plastique, noir
Plastic plaat, zwart
Kunststoffplatte, schwarz
Piastra di plastica, nero

Curved Plate, U Section
Plaque cintée en "U"
Boogplaat, U-vormig
Gewölzte Platte,
"U"-förmig
Piastra curvata ad "U"

Curved Plate
Plaque cintée
Boogplaat
Gewölzte Platte
Piastra curvata

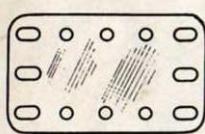
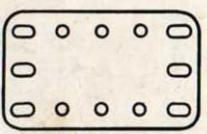
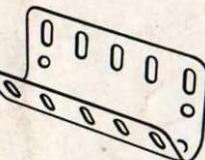
Rod and Strip
Connector
Raccord tringle
et bande
As-strook-
koppeling
Wellen- und
Streifen-
verbinder
Giunto per asse
e striscia

Rod Connector
Raccord de tringles
Assen-koppeling
Wellenverbinder
Giunto per assi

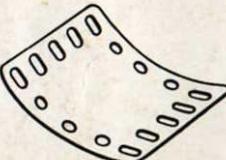
Semi-circular Plate
Plaque semi-circulaire
Halfcirkelplaat
Halbkreisförmige Platte
Piastra semicircolare

Formed Slotted Strip
Bande glissière cintée
Gebogen gleufstrook
Gebogener und
geschlitzter Streifen
Striscia curvata con due
fori oblunghi

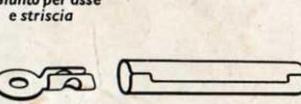
Triangular Flexible Plate
Plaque flexible triangulaire
Buigzame, driehoeks sluitplaat
Dreieckige biessame Platte
Piastra flessibile triangolare

193 - $2\frac{1}{2}$ " x $1\frac{1}{2}$ ";
6 x 4 cm194 - $2\frac{1}{2}$ " x $1\frac{1}{2}$ "; 6 x 4 cm
194a - $2\frac{1}{2}$ " x $2\frac{1}{2}$ "; 6 x 6 cm

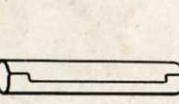
199



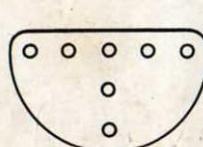
200



212



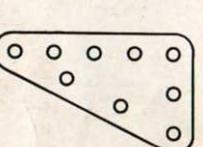
213



214



215



221