

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 pointillés 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 aangegeven. In de illustraties heeft ieder onderdeel 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 puntjes 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 Nrs. 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

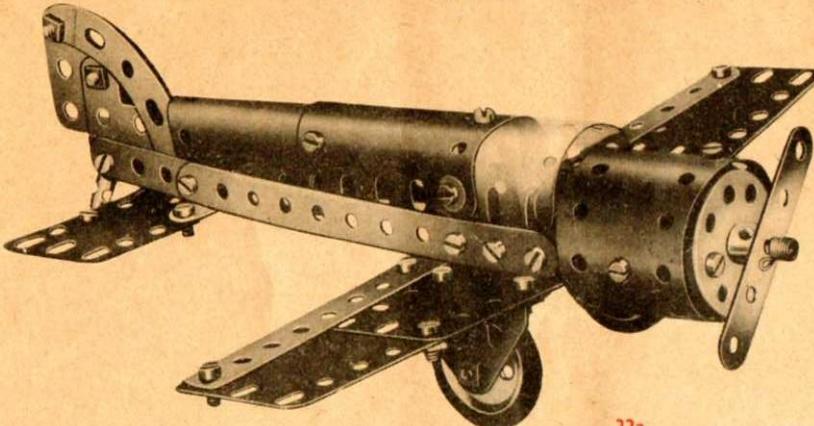
Inhoud van de uitrusting 2 en 3

Inhalt der Baukästen 2 und 3

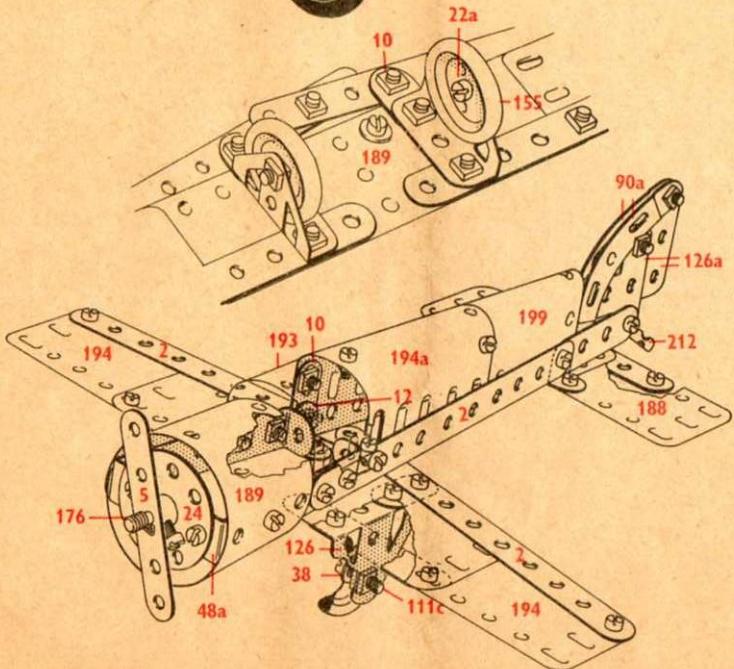
Elenco dei pezzi contenuti nelle Scatole 2 e 3

Part no.	Outfit	Part no.	Outfit
Pièce no.	Boîte	Pièce no.	Boîte
Onder-	Uitrusting	Onder-	Uitrusting
deel no.		deel no.	
Nummer	Baukästen	Nummer	Baukästen
des Teils		des Teils	
Pezzo	Scatola	Pezzo	Scatola
		No.	
		2	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/Eéndekker Eindecker/ Monoplano



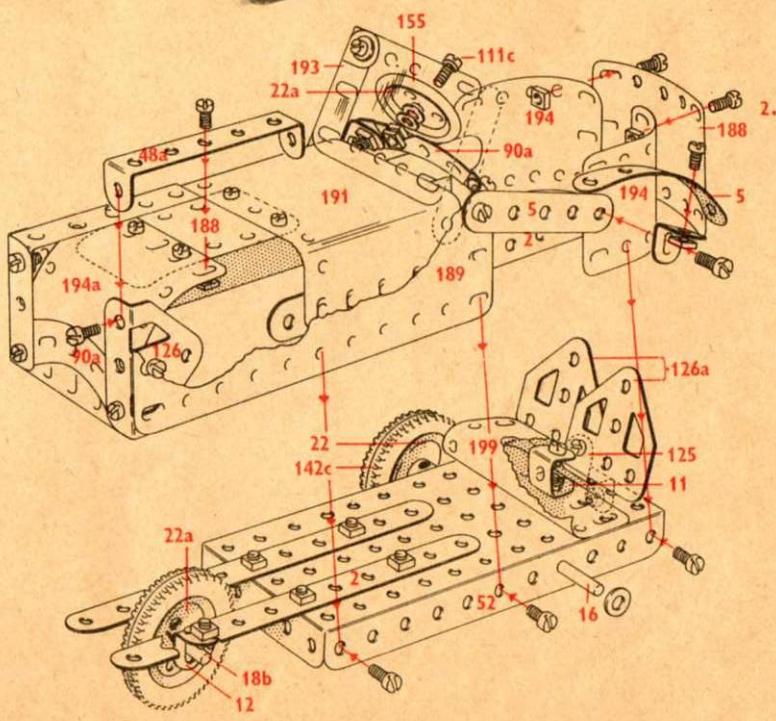
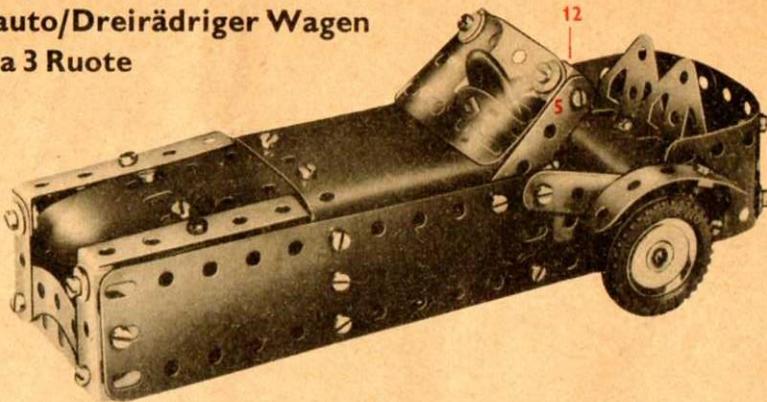
2.1	4	-	2
	6	-	5
	4	-	10
	4	-	12
	1	-	18b
	2	-	22a
	1	-	24
	41	-	37a
	37	-	37b
	6	-	38
	2	-	48a
	2	-	111c
	2	-	126
	2	-	126a
	2	-	155
	1	-	176
	2	-	188
	2	-	189
	1	-	193
	2	-	194
	1	-	194a
	1	-	199
	1	-	212



2.2 3-Wheel Sports Car/Cyclecar

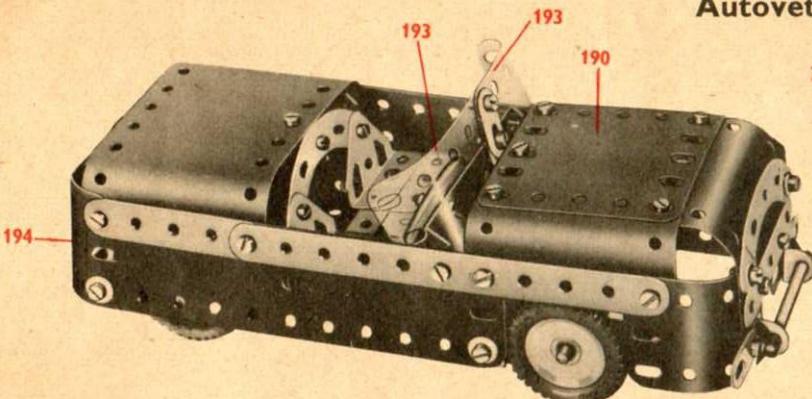
Driewielige auto/Dreirädriger Wagen

Automobile a 3 Ruote



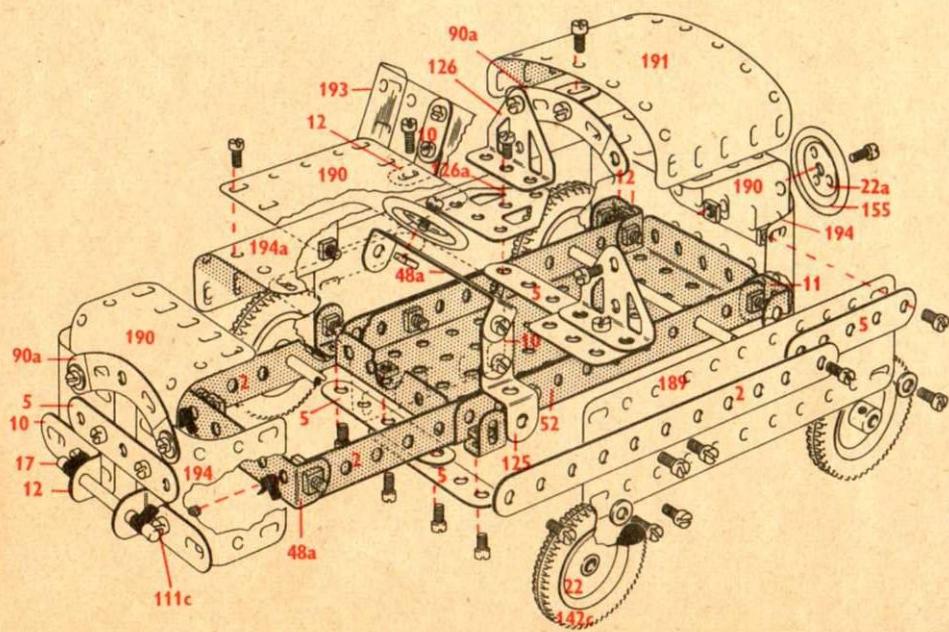
4	-	2
6	-	5
1	-	11
8	-	12
1	-	16
1	-	18b
2	-	22
2	-	22a
2	-	35
50	-	37a
48	-	37b
10	-	38
2	-	48a
1	-	52
2	-	90a
1	-	111c
1	-	125
2	-	126
2	-	126a
3	-	142c
1	-	155
2	-	188
2	-	189
1	-	191
1	-	193
2	-	194
1	-	194a
1	-	199

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

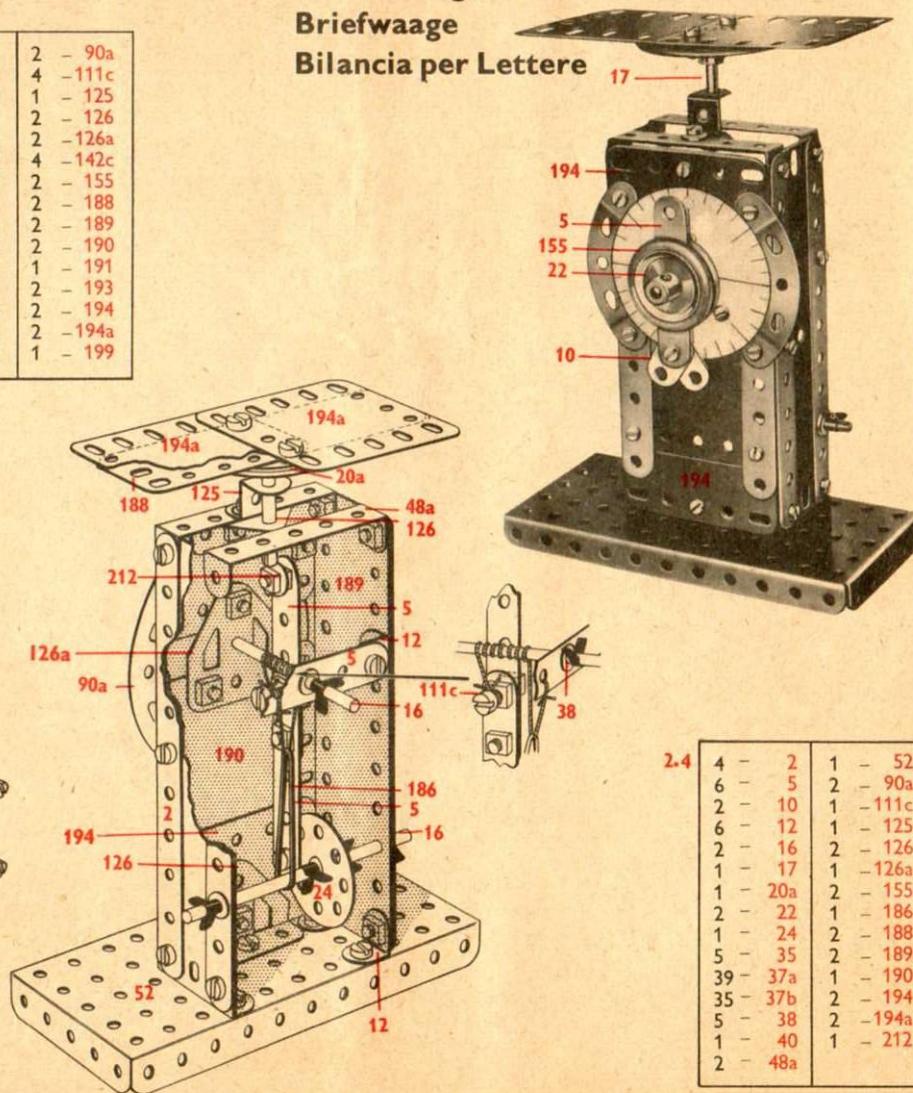


243

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



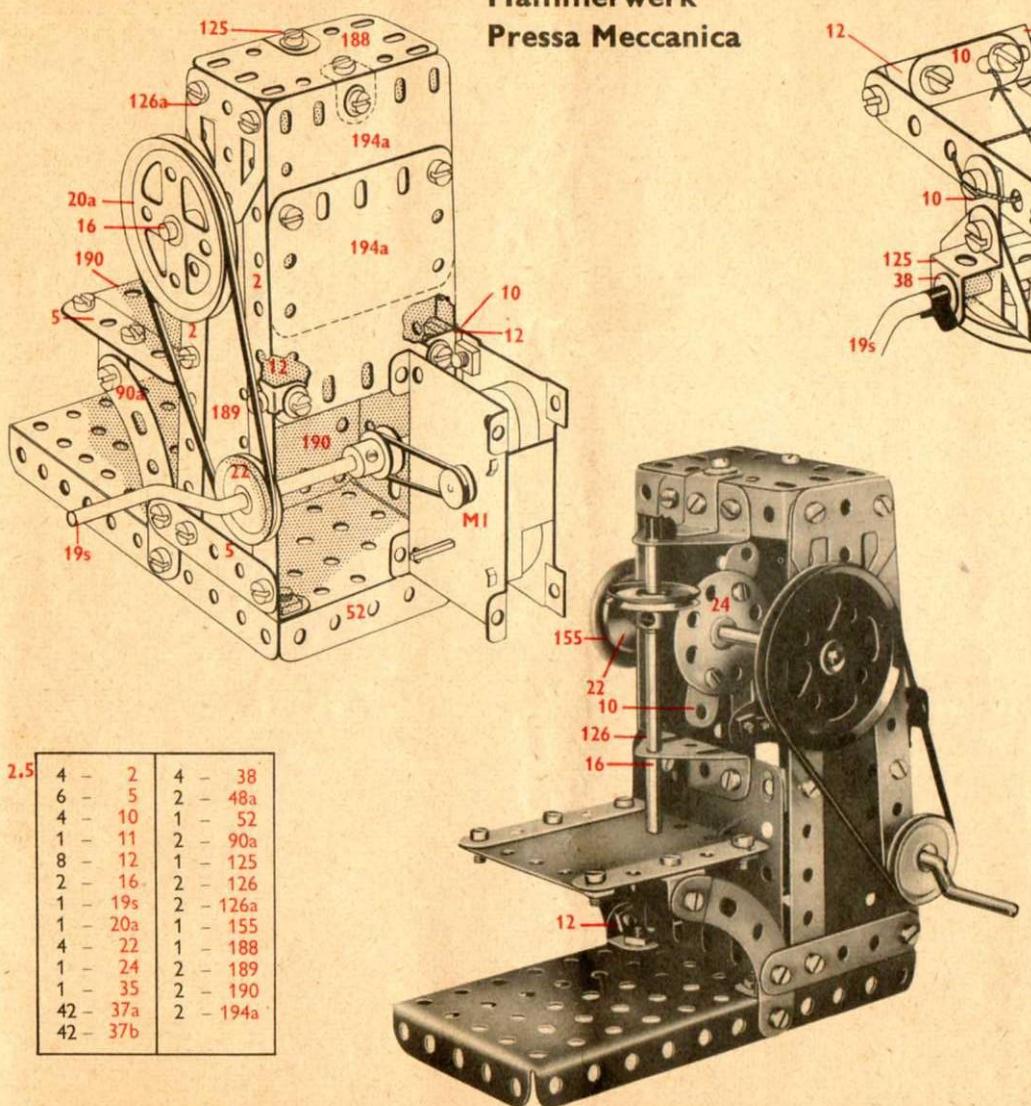
2.4 Letter Balance/Pèse-lettres



2

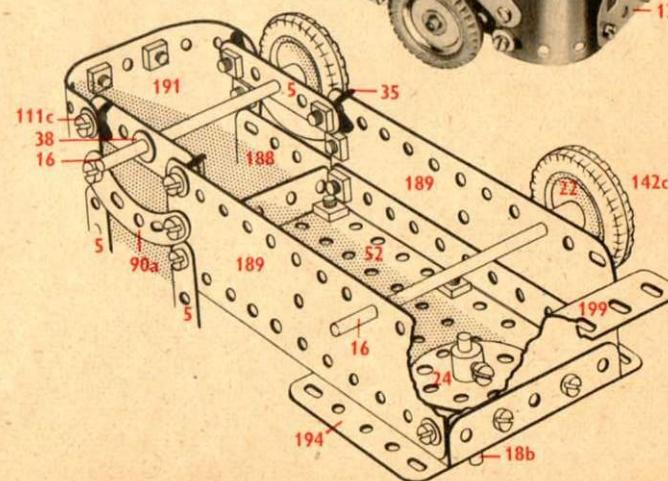
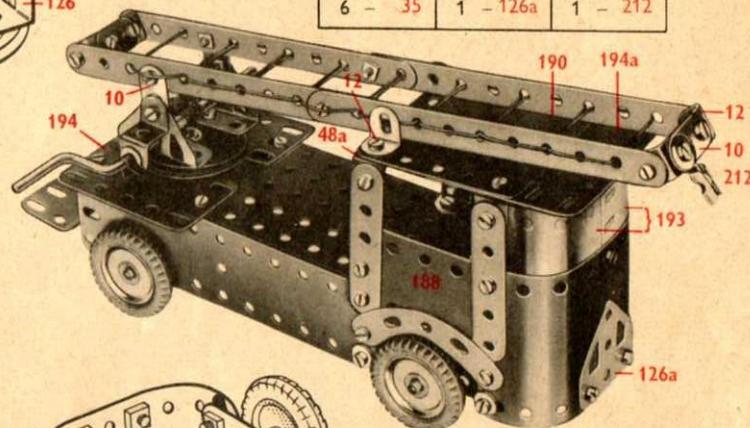
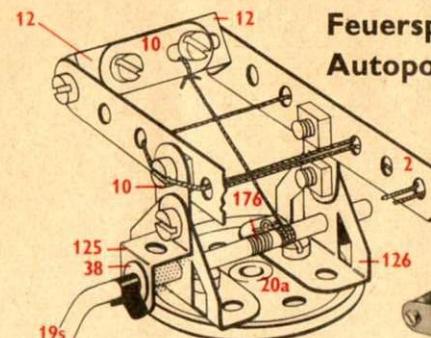
4	-	2	1	-	52
6	-	5	2	-	90a
2	-	10	1	-	111c
6	-	12	1	-	125
2	-	16	2	-	126
1	-	17	1	-	126a
1	-	20a	2	-	155
2	-	22	1	-	186
1	-	24	2	-	188
5	-	35	2	-	189
39	-	37a	1	-	190
35	-	37b	2	-	194
5	-	38	2	-	194a
1	-	40	1	-	212
2	-	48a			

A small technical illustration of a stamping mill mechanism. It shows a top plate with a central circular hole and several curved, ribbed supports. A red arrow points from the number '125' to one of the supports. Another red arrow points from the number '188' to the right edge of the top plate.



2.5		
4 -	2	4 - 38
6 -	5	2 - 48a
4 -	10	1 - 52
1 -	11	2 - 90a
8 -	12	1 - 125
2 -	16	2 - 126
1 -	19s	2 - 126a
1 -	20a	1 - 155
4 -	22	1 - 188
1 -	24	2 - 189
1 -	35	2 - 190
42 -	37a	2 - 194a
42 -	37b	

2.6	Fire Escape/Voiture-échelle de pompiers
Brandweerwagen	
Feuerspritze	
Autopompa da	
Incendio	
2.6	
4 -	2
6 -	5
4 -	10
8 -	12
55 -	37a
47 -	37b
9 -	38
1 -	40
4 -	142
1 -	17
2 -	18
2 -	18



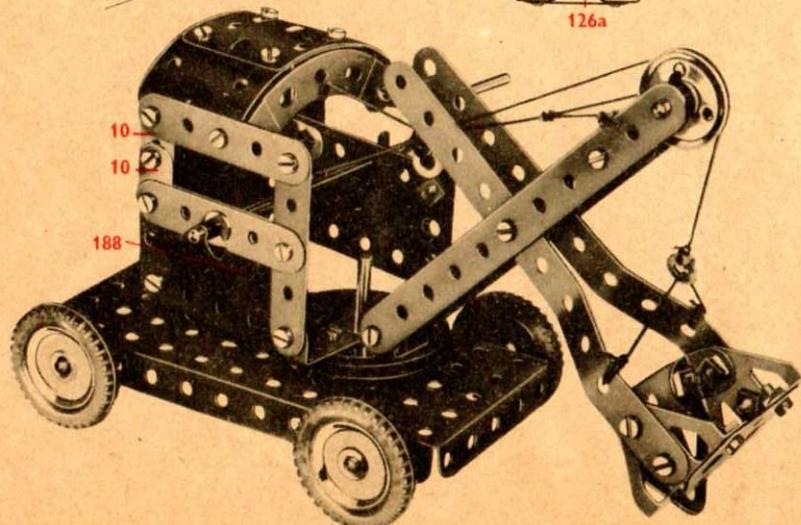
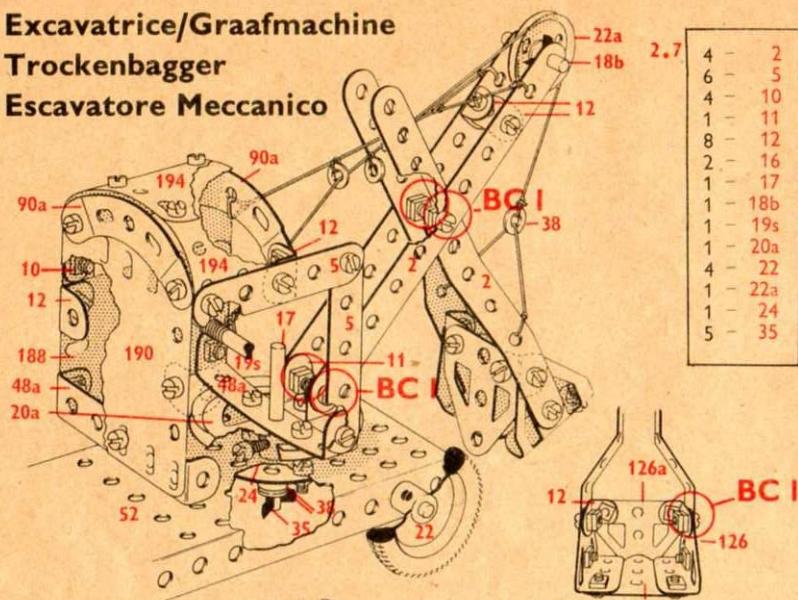
2.6	4	-	2	55	-	37a	4	142c
	6	-	5	47	-	37b	1	176
	4	-	10	9	-	38	2	188a
	8	-	12	1	-	40	2	189a
	2	-	16	2	-	48a	1	190a
	1	-	18b	1	-	52	1	191a
	1	-	19s	2	-	90a	2	193a
	1	-	20a	4	-	111c	2	194a
	4	-	22	1	-	125	1	194a
	1	-	24	2	-	126	1	199a
	6	-	35	1	-	126a	1	212a

2.7 Mechanical Excavator

Excavatrice/Graafmachine

Trockenbagger

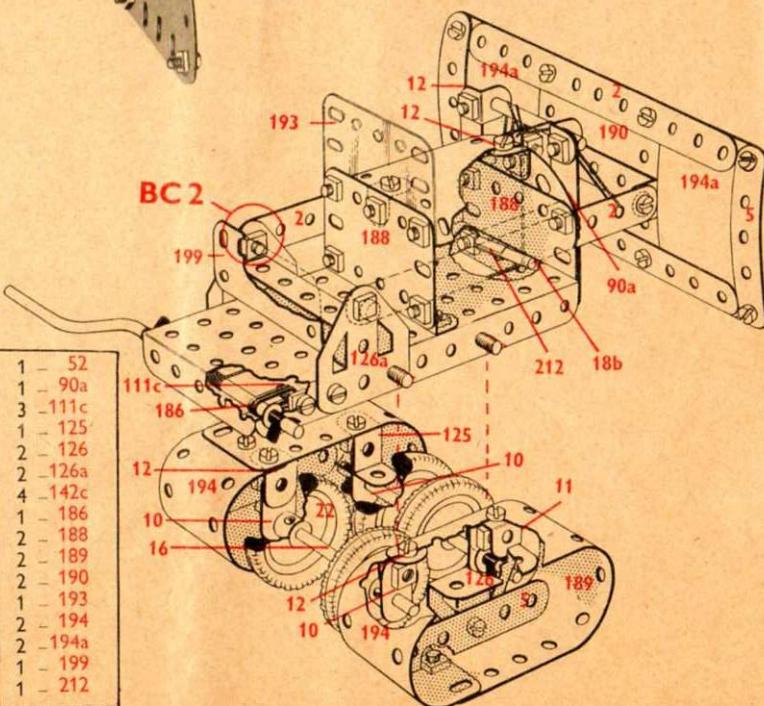
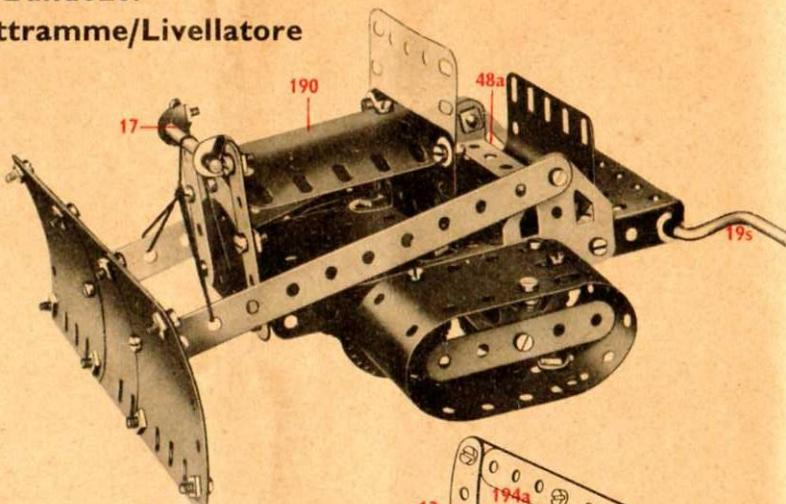
Escavatore Meccanico



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

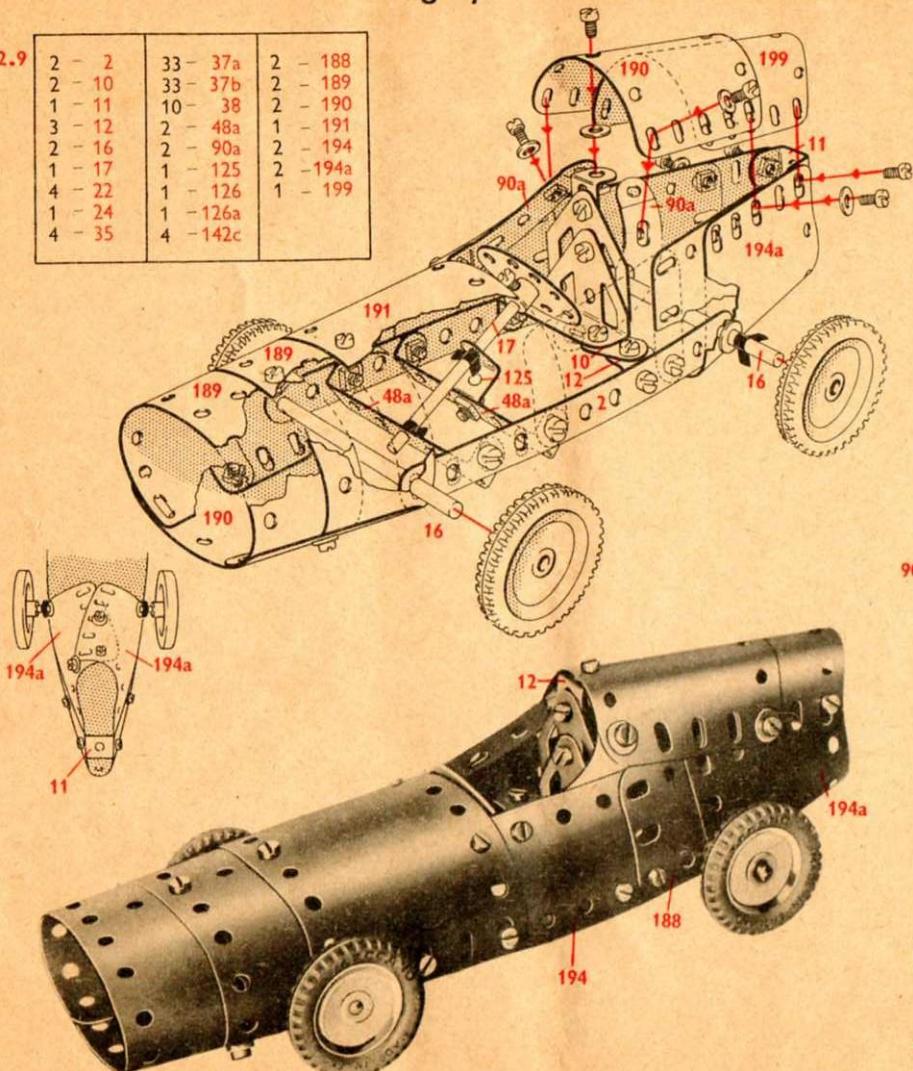
Schuttramme/Livellatore



2.8	4 - 2	1 - 52
	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

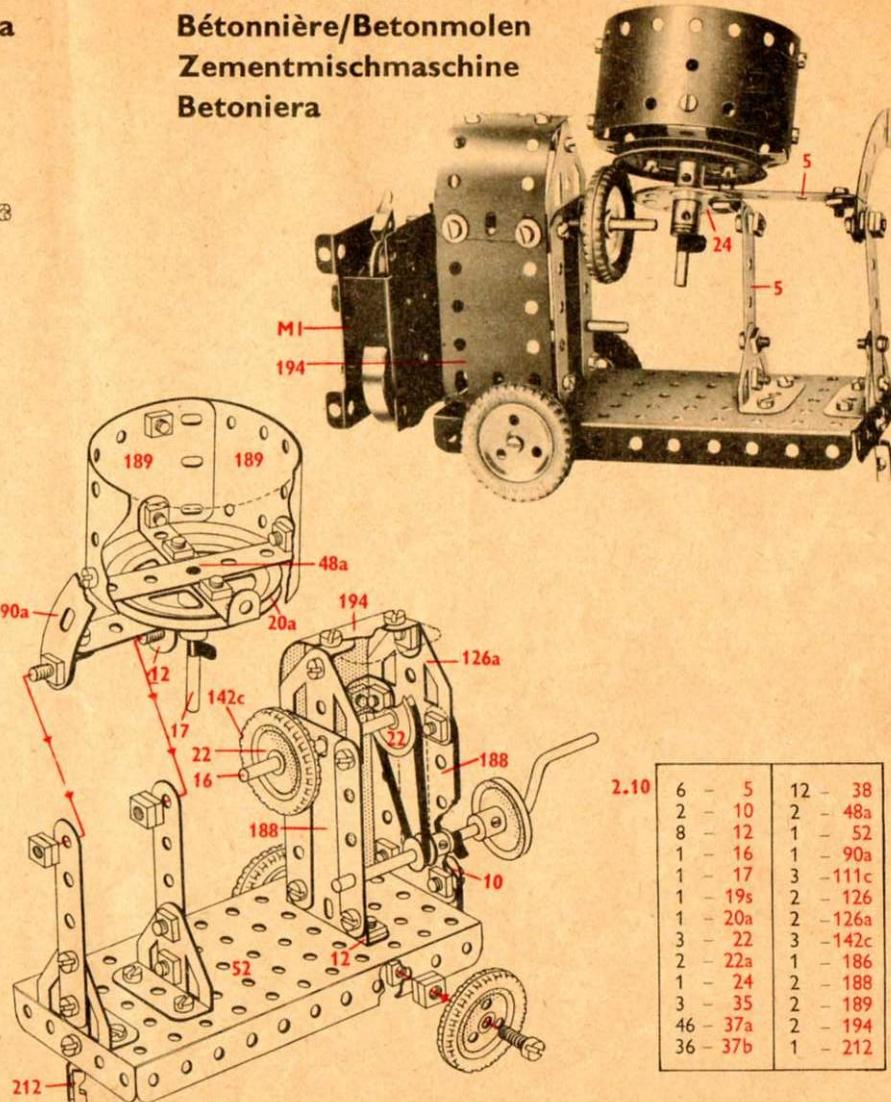
2.9 Racing Car/Voiture de course/Racewagen Rennwagen/ Automobile da Corsa

2.9	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



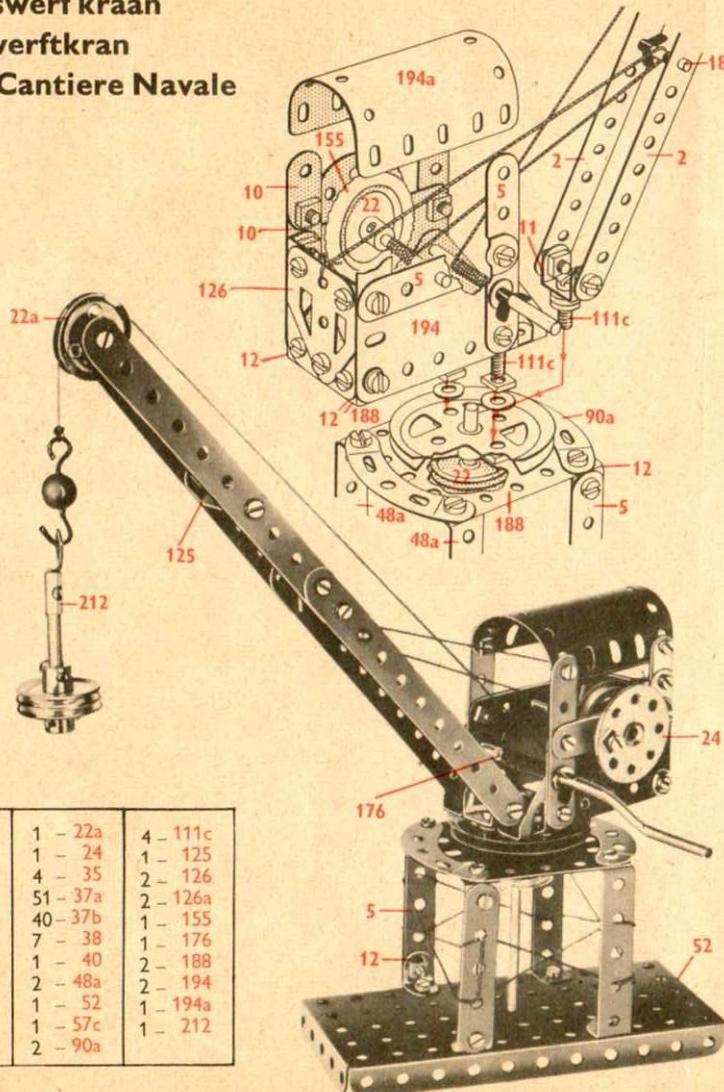
2.10	6 - 5	12 - 38
	2 - 10	2 - 48a
8 -	12	1 - 52
1 -	16	1 - 90a
1 -	17	3 - 111c
1 -	19s	2 - 126
1 -	20a	2 - 126a
3 -	22	3 - 142c
2 -	22a	1 - 186
1 -	24	2 - 188
3 -	35	2 - 189
46 -	37a	2 - 194
36 -	37b	1 - 212

2.11 Shipyard Crane/Grue de chantier naval

Scheepswerf kraan

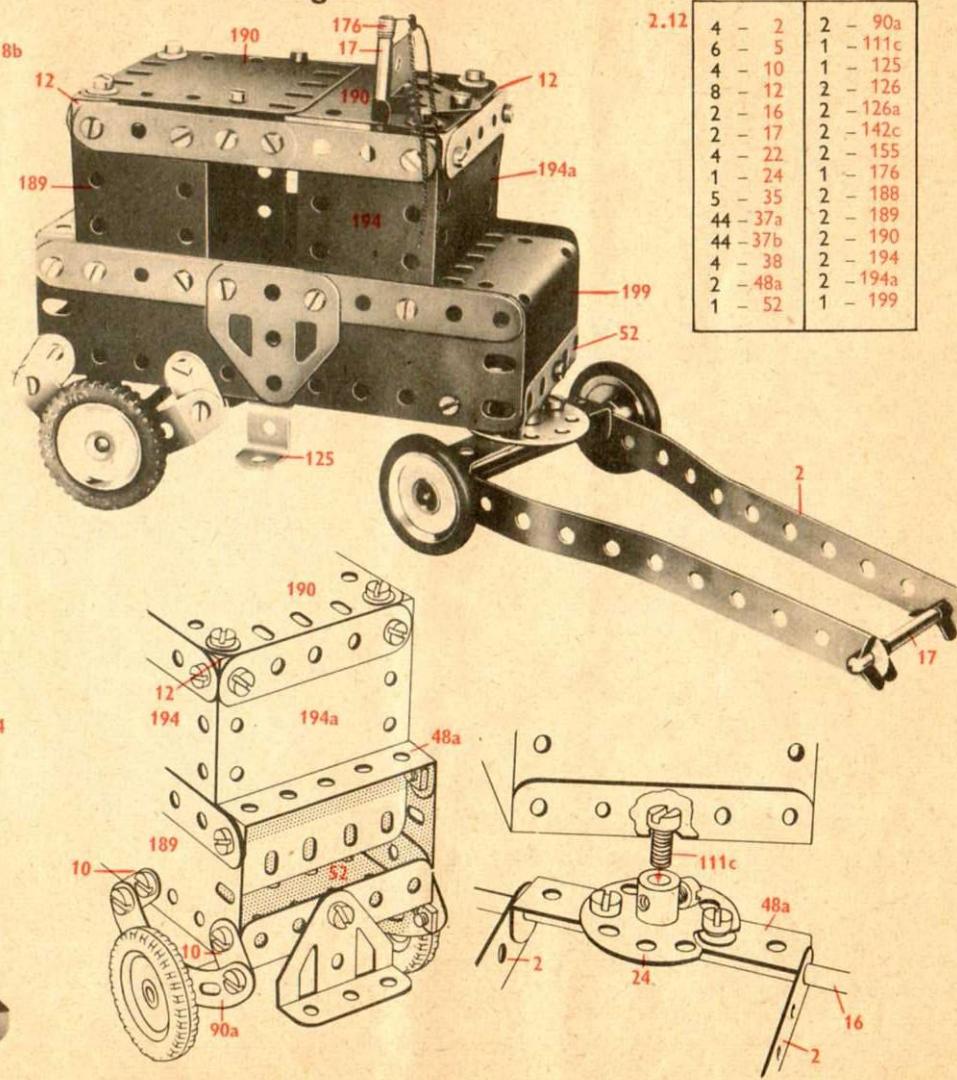
Schiffswerftkran

Gru da Cantiere Navale



2.12 Stage Coach/Diligence/Postkoets/Postkutsche/ Diligenza

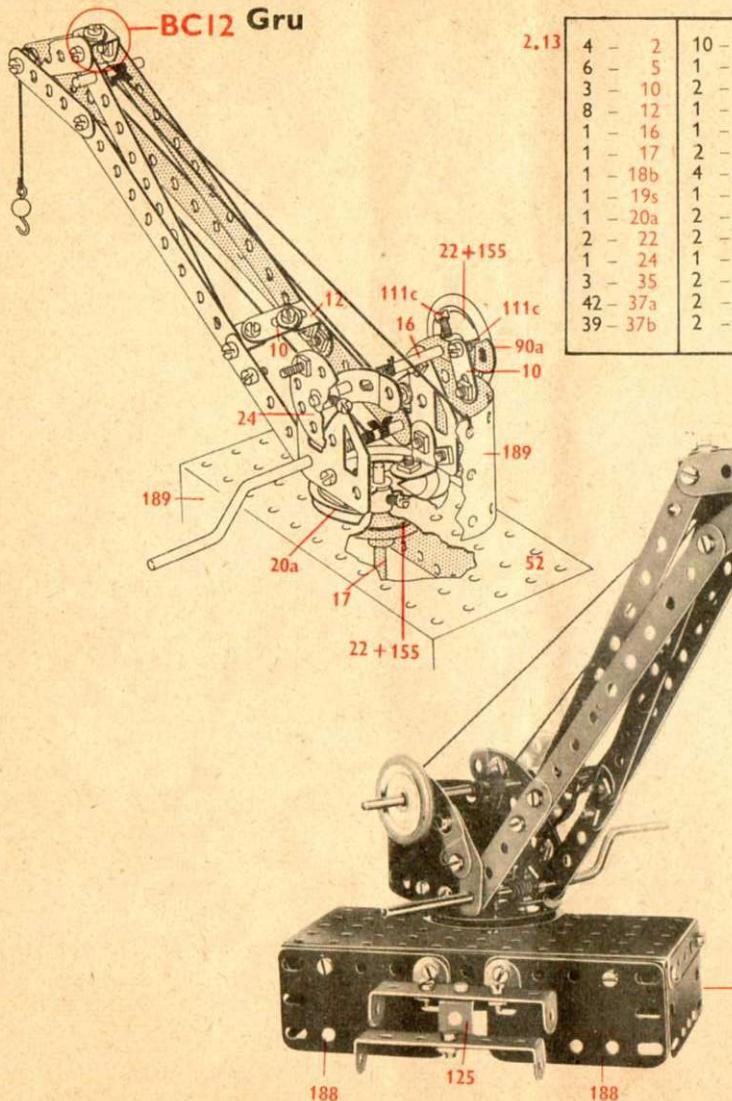
4	-	2	2	-	90a
6	-	5	1	-	111c
4	-	10	1	-	125
8	-	12	2	-	126
2	-	16	2	-	126a
2	-	17	2	-	142c
4	-	22	2	-	155
1	-	24	1	-	176
5	-	35	2	-	188
44	-	37a	2	-	189
44	-	37b	2	-	190
4	-	38	2	-	194
2	-	48a	2	-	194a
1	-	52	1	-	199



2.13 Goods Yard Crane/Grue de quai/Ladingkraan

Güterbahnhofskran

Gru



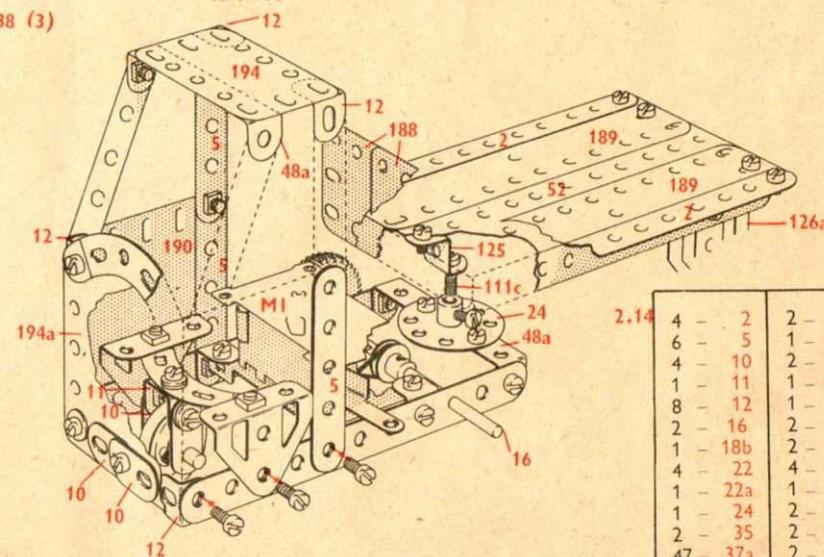
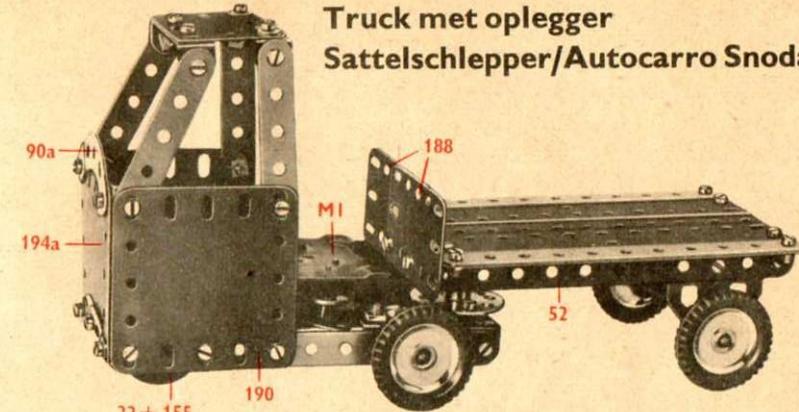
2.13	4 - 2	10 - 38
	6 - 5	1 - 40
	3 - 10	2 - 48a
	8 - 12	1 - 52
	1 - 16	1 - 57c
	1 - 17	2 - 90a
	1 - 18b	4 - 111c
	1 - 19s	1 - 125
	1 - 20a	2 - 126a
	2 - 22	2 - 155
	1 - 24	1 - 176
	3 - 35	2 - 188
	42 - 37a	2 - 189
	39 - 37b	2 - 194

2.14 Articulated Lorry

Tracteur et semi-remorque

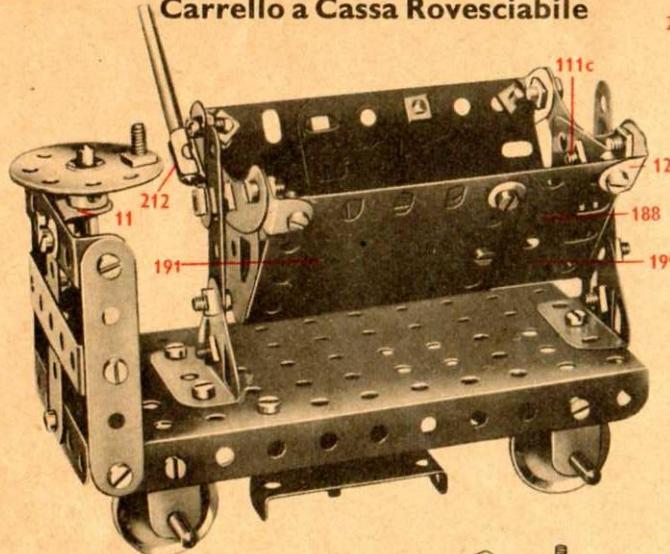
Truck met oplegger

Sattelschlepper/Autocarro Snodato



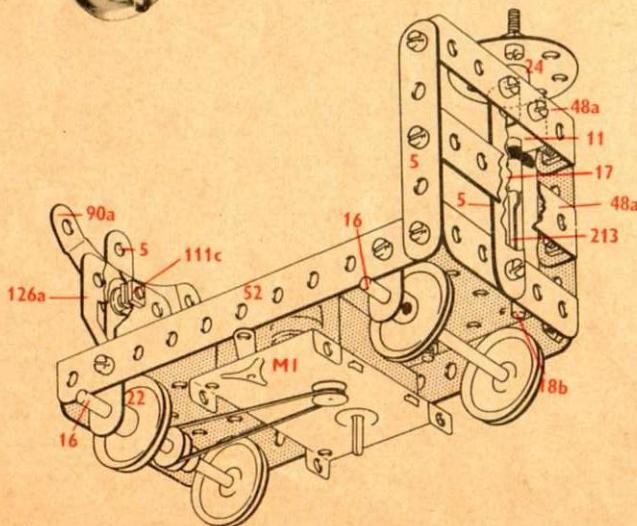
2.14	4 -	2	2 -	48a
	6 -	5	1 -	52
	4 -	10	2 -	90a
	1 -	11	1 -	111c
	8 -	12	1 -	125
	2 -	16	2 -	126
	1 -	18b	2 -	126a
	4 -	22	4 -	142c
	1 -	22a	1 -	155
	1 -	24	2 -	188
	2 -	35	2 -	189
	47 -	37a	2 -	190
	46 -	37b	1 -	194
	10 -	38	1 -	194a

**2.15 Side-tipping Truck/Chariot à benne basculant latéralement
Kipwagen/Kippkarren
Carrello a Cassa Rovesciabile**

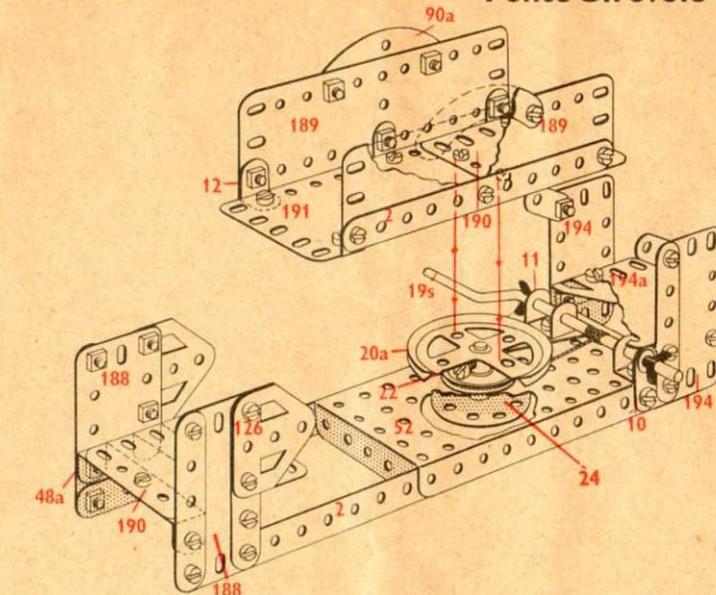


2.15

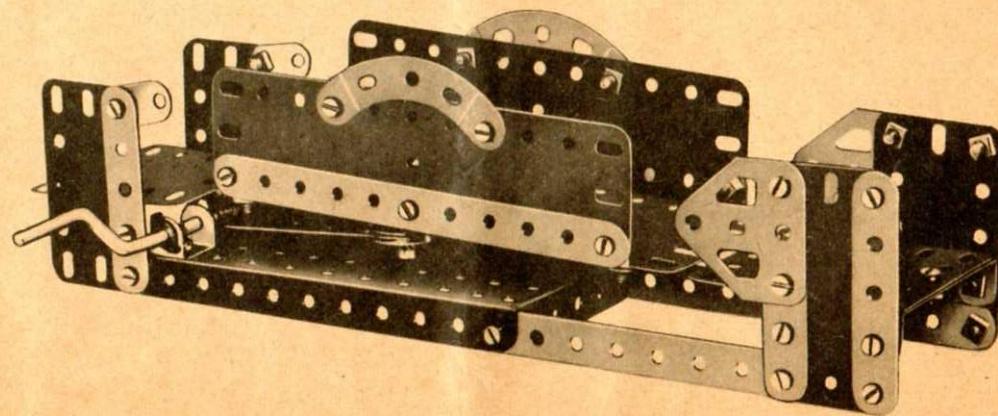
5 -	5
4 -	10
1 -	11
4 -	12
2 -	16
2 -	17
1 -	18b
4 -	22
1 -	24
1 -	35
38 -	37a
32 -	37b
5 -	38
2 -	48a
1 -	52
2 -	90a
3 -	111c
2 -	126
2 -	126a
2 -	188
1 -	191
1 -	199
1 -	212
1 -	213



**2.16 Swing Bridge/Pont tournant/Draaibrug
Drehbrücke
Ponte Girevole**



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

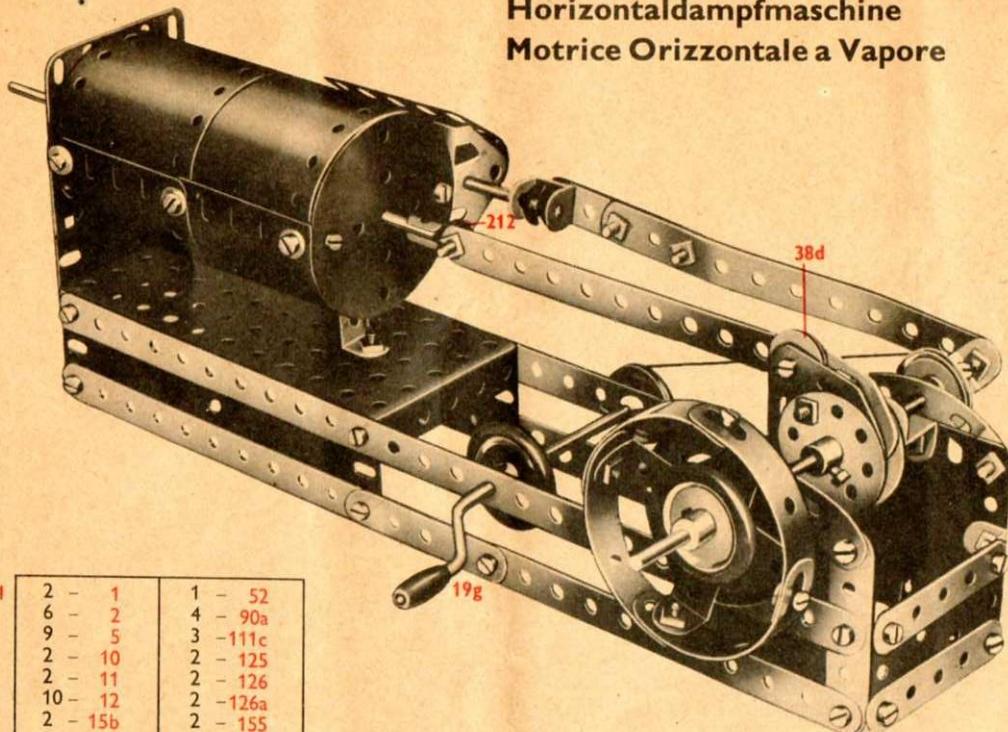


3.1 Horizontal Steam Engine/Machine à vapeur horizontale

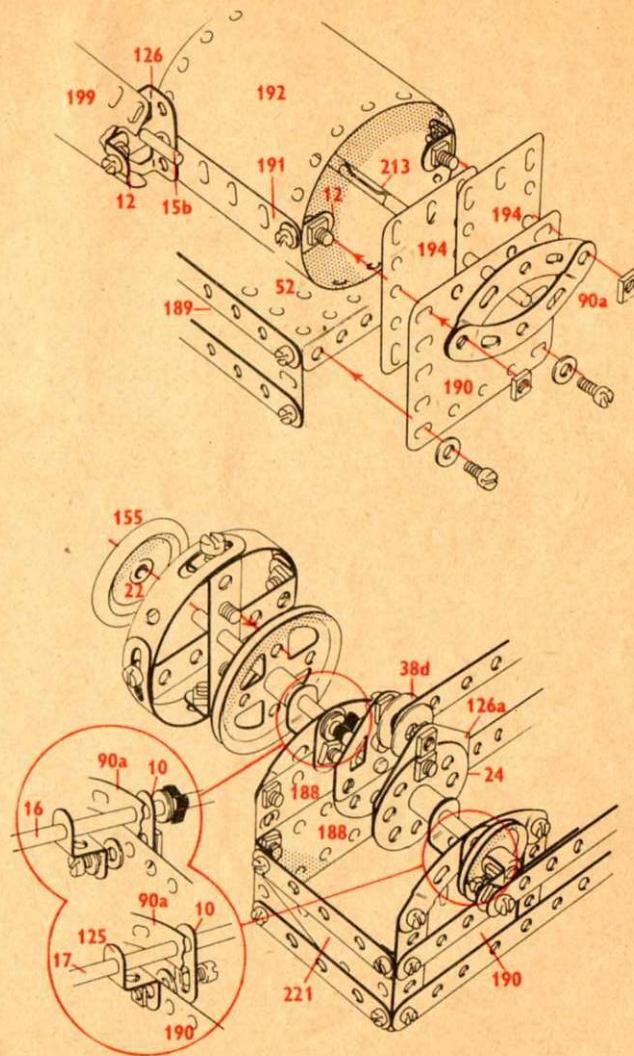
Horizontale stoommachine

Horizontaldampfmaschine

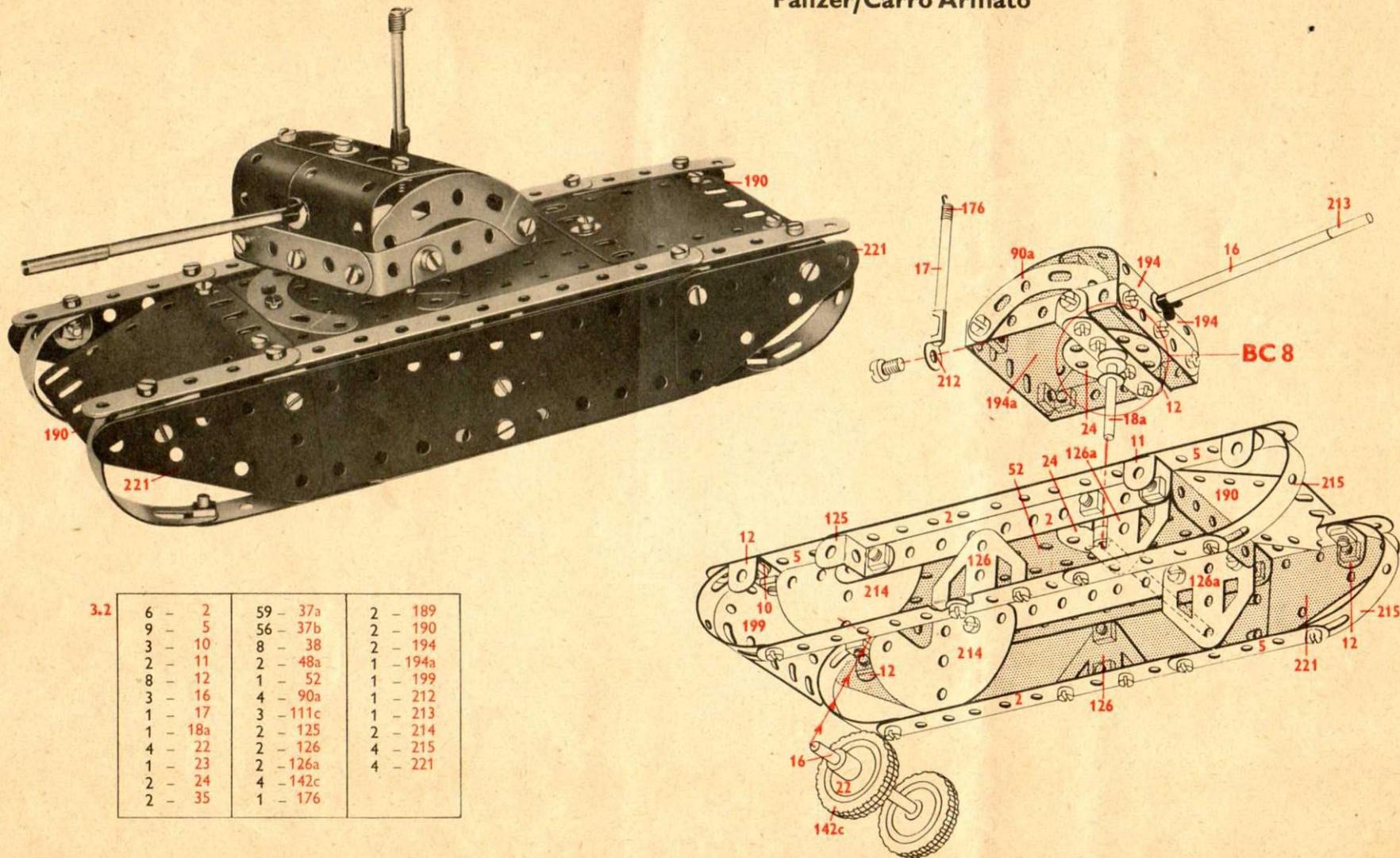
Motrice Orizzontale a Vapore



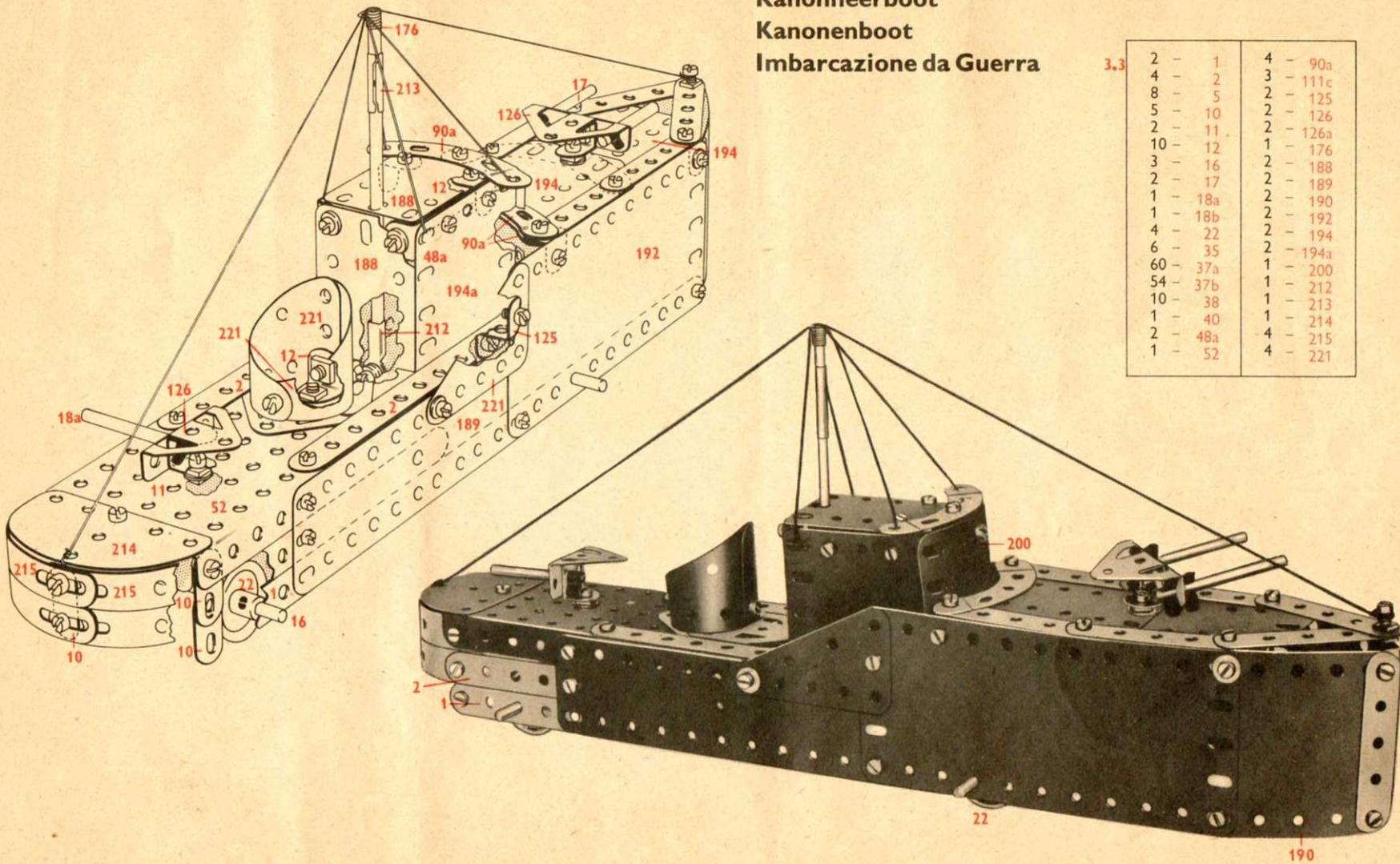
3.1	2 - 1	1 - 52
	6 - 2	4 - 90a
	9 - 5	3 - 111c
	2 - 10	2 - 125
	2 - 11	2 - 126
	10 - 12	2 - 126a
	2 - 15b	2 - 155
	2 - 16	2 - 188
	1 - 17	2 - 189
	1 - 19g	2 - 190
	1 - 20a	2 - 191
	4 - 22	2 - 192
	2 - 24	2 - 194
	4 - 35	1 - 199
	60 - 37a	1 - 212
	53 - 37b	1 - 213
	9 - 38	2 - 214
	2 - 38d	4 - 215
	1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



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

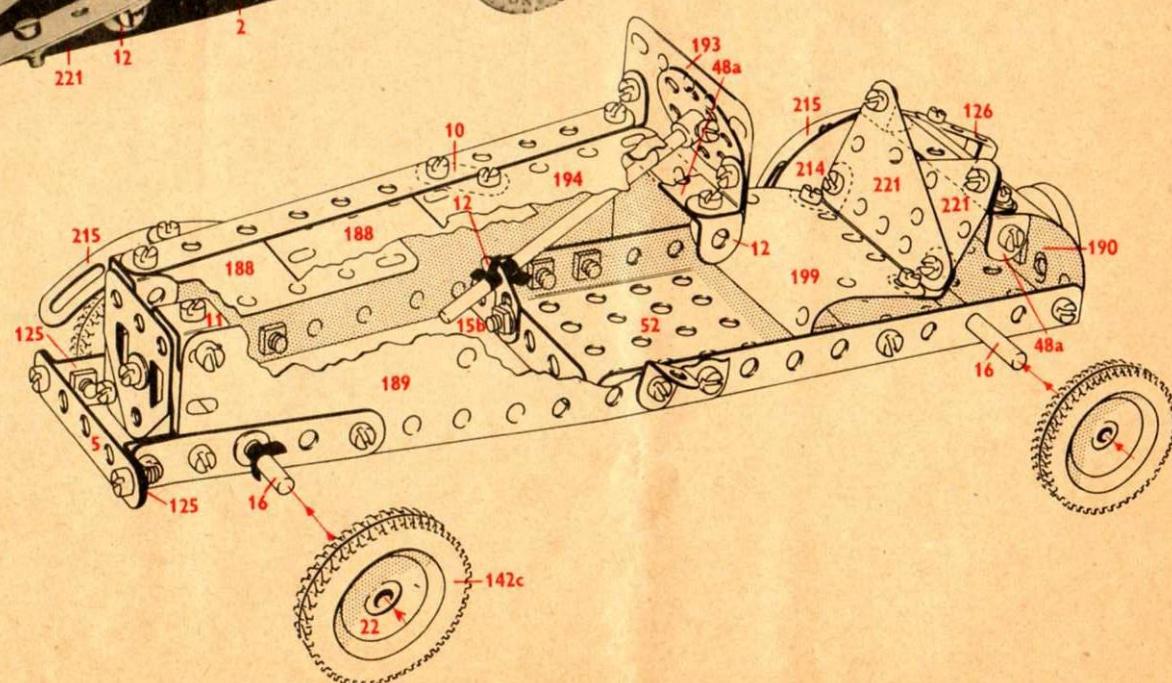
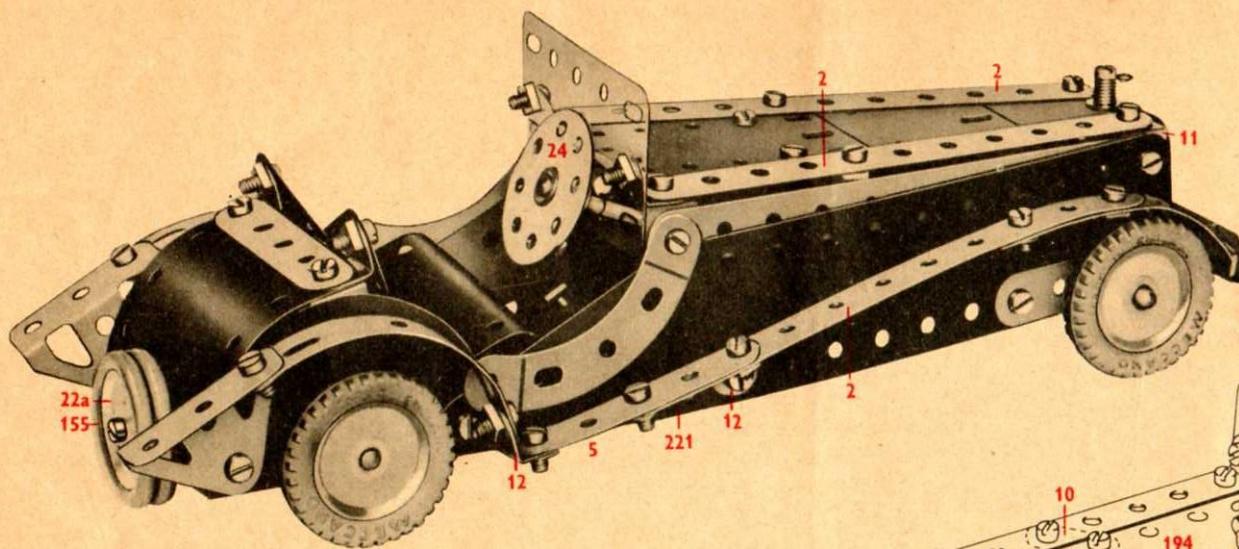


**3.3 Gun Boat/Cannonnière
Kanonneerboot
Kanonenboot
Imbarcazione da Guerra**



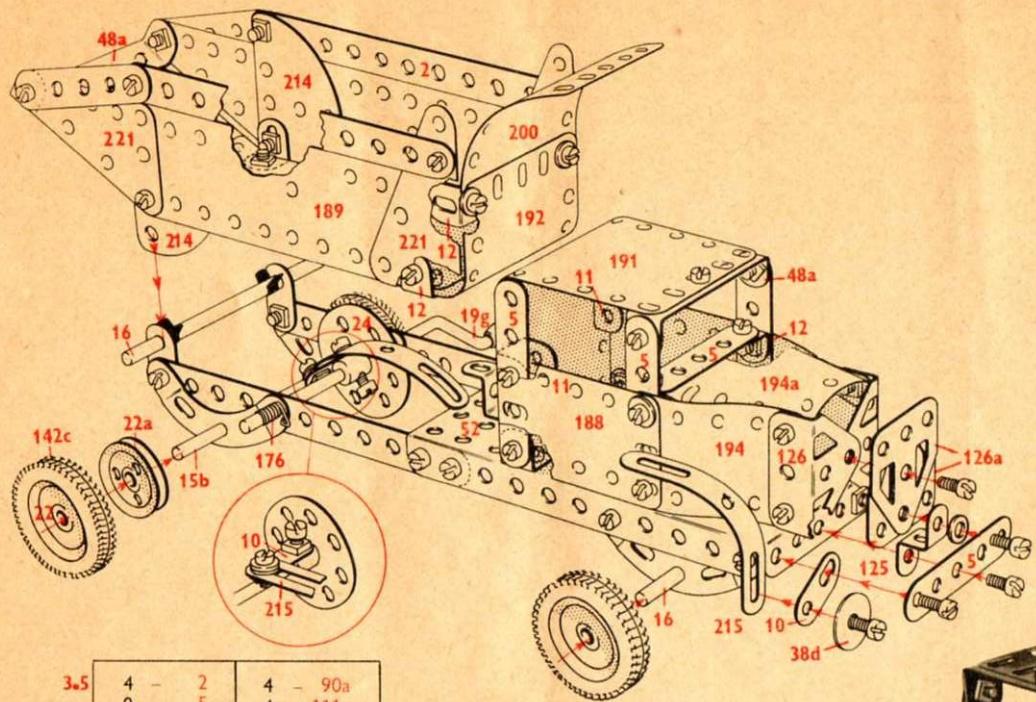
3.3	2	-	1	4	-	90a
	4	-	2	3	-	111c
	8	-	5	2	-	125
	5	-	10	2	-	126
	2	-	11	2	-	126a
	10	-	12	1	-	176
	3	-	16	2	-	188
	2	-	17	2	-	189
	1	-	18a	2	-	190
	1	-	18b	2	-	192
	4	-	22	2	-	194
	6	-	35	2	-	194a
	60	-	37a	1	-	200
	54	-	37b	1	-	212
	10	-	38	1	-	213
	1	-	40	1	-	214
	2	-	48a	4	-	215
	1	-	52	4	-	221

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

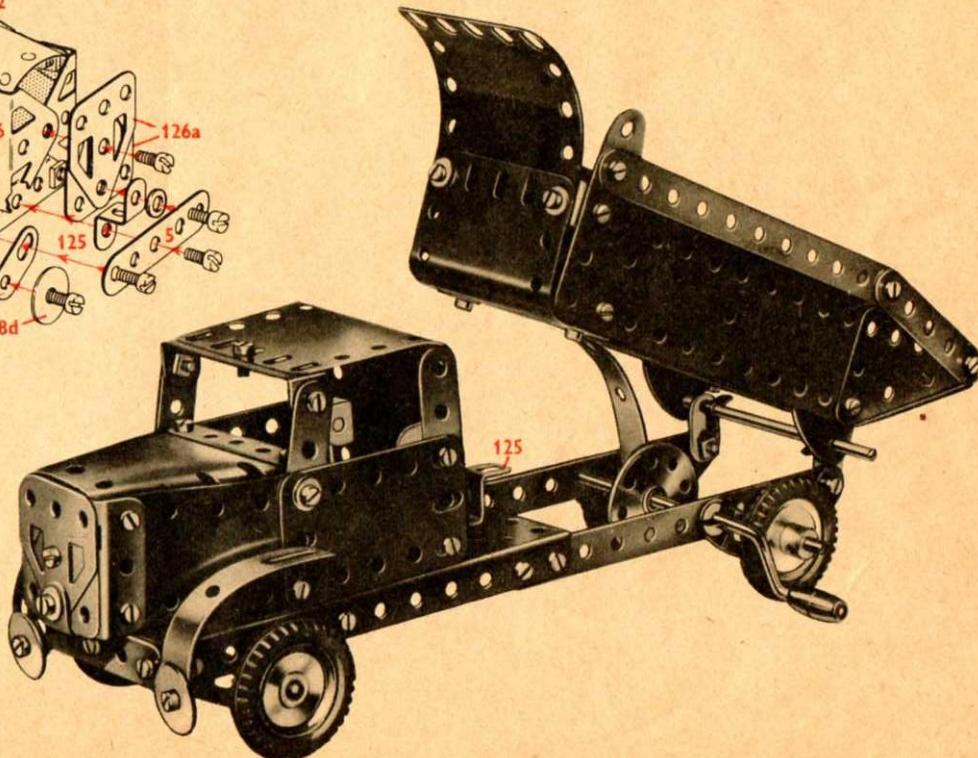


3.4	6	-	2	4	-	111c
	6	-	5	2	-	125
	3	-	10	2	-	126
	2	-	11	2	-	126a
	10	-	12	4	-	142c
	1	-	15b	2	-	155
	2	-	16	1	-	176
	4	-	22	2	-	188
	2	-	22a	2	-	189
	1	-	24	1	-	193
	4	-	35	1	-	194
	60	-	37a	1	-	199
	56	-	37b	1	-	200
	5	-	38	2	-	214
	2	-	48a	4	-	215
	1	-	52	4	-	221
	2	-	90a			

3.5 Dumper Truck
Camion à benne basculante
Kipauto
Kippwagen
Autocarro a Cassa Ribaltabile

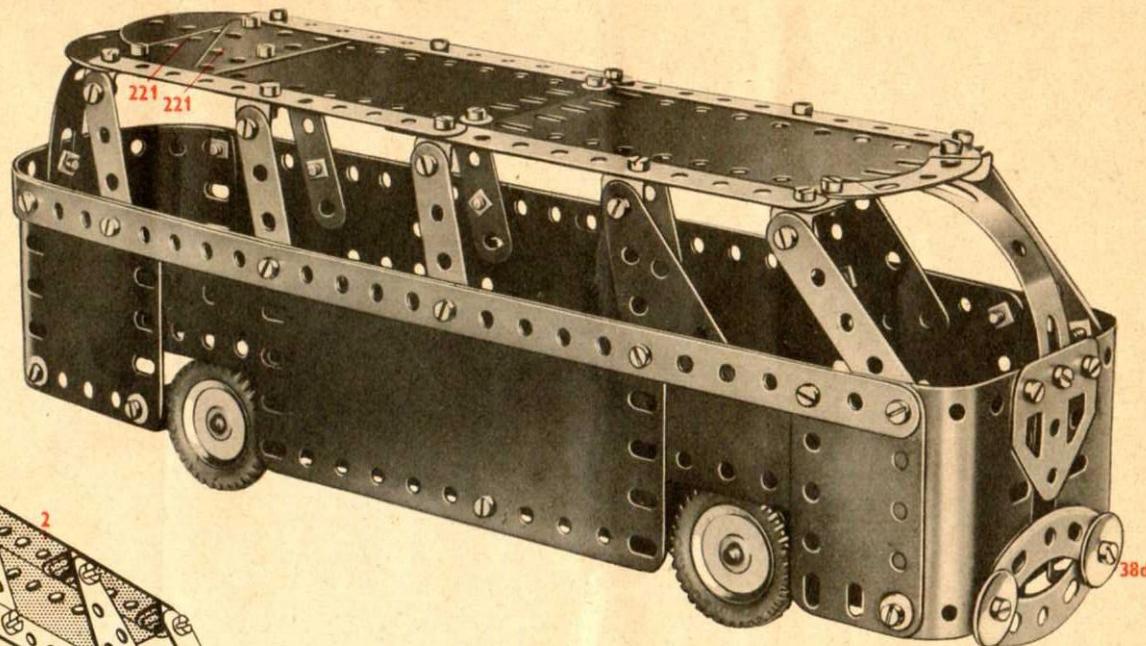
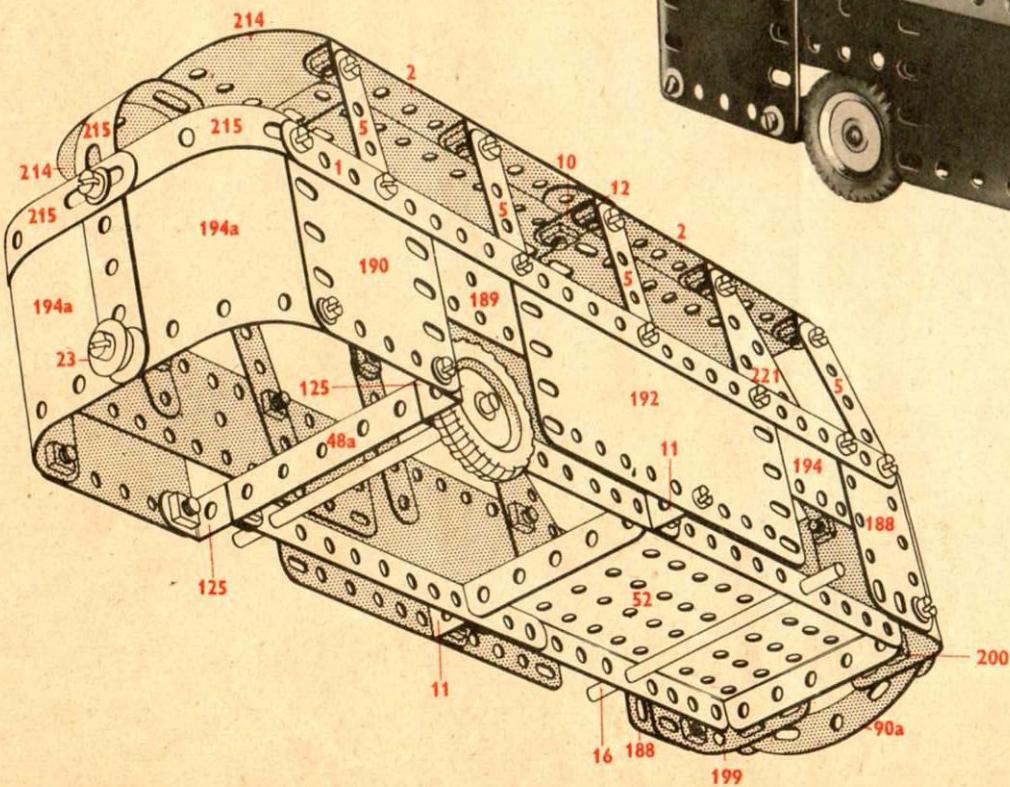


3.5	4 - 2	4 - 90a
	8 - .5	4 - 111c
	5 - 10	2 - 125
	2 - 11	2 - 126
	10 - 12	2 - 126a
	1 - 15b	4 - 142c
	2 - 16	1 - 176
	1 - 19g	2 - 188
	4 - 22	2 - 189
	2 - 22a	2 - 190
	1 - 24	1 - 191
	3 - 35	1 - 192
	60 - 37a	2 - 194
	56 - 37b	1 - 194a
	10 - 38	1 - 200
	2 - 38d	2 - 214
	2 - 48a	3 - 215
	1 - 52	4 -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



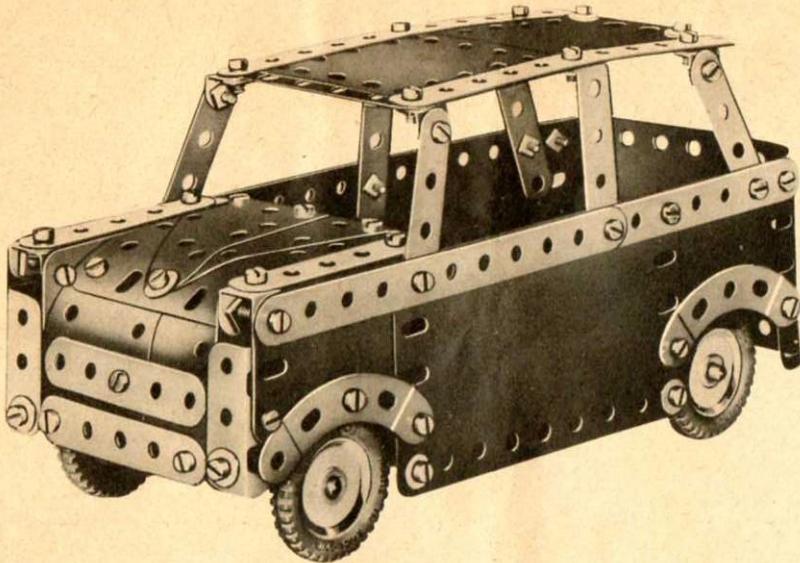
3.6 Observation Coach

Autocar grand tourisme
Uitzicht autobus
Aussichtswagen
Autobus Belvedere

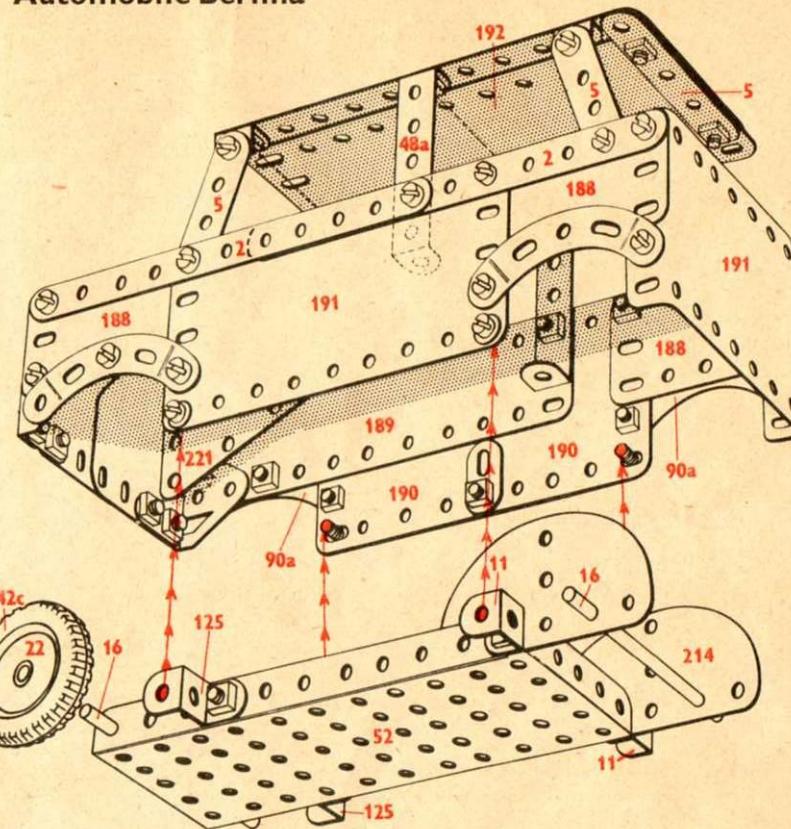
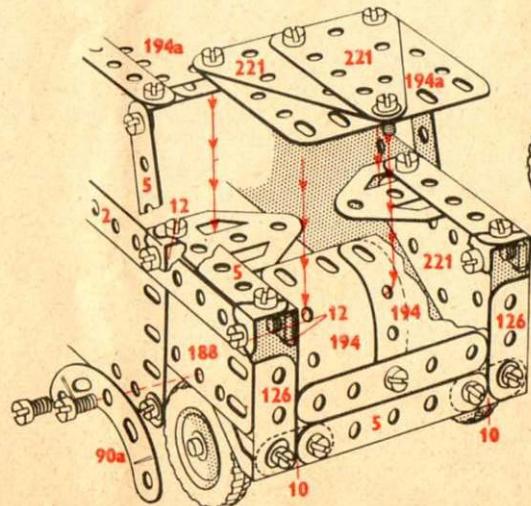
**3.6**

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

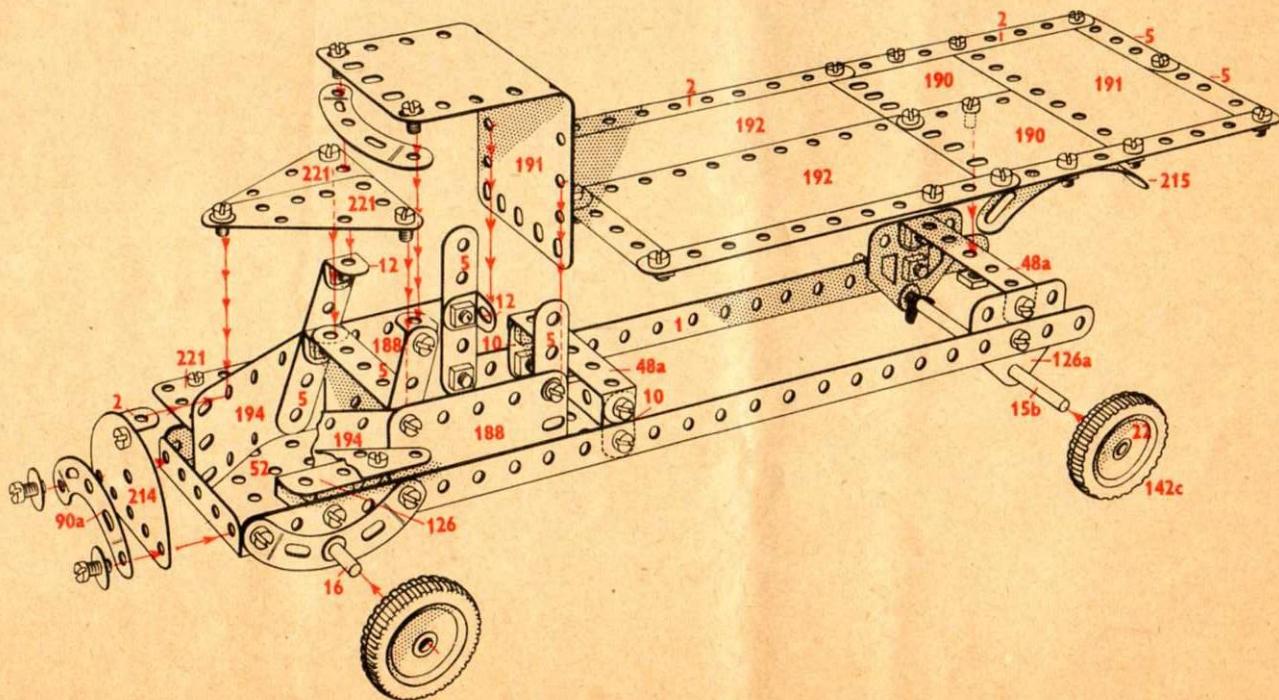
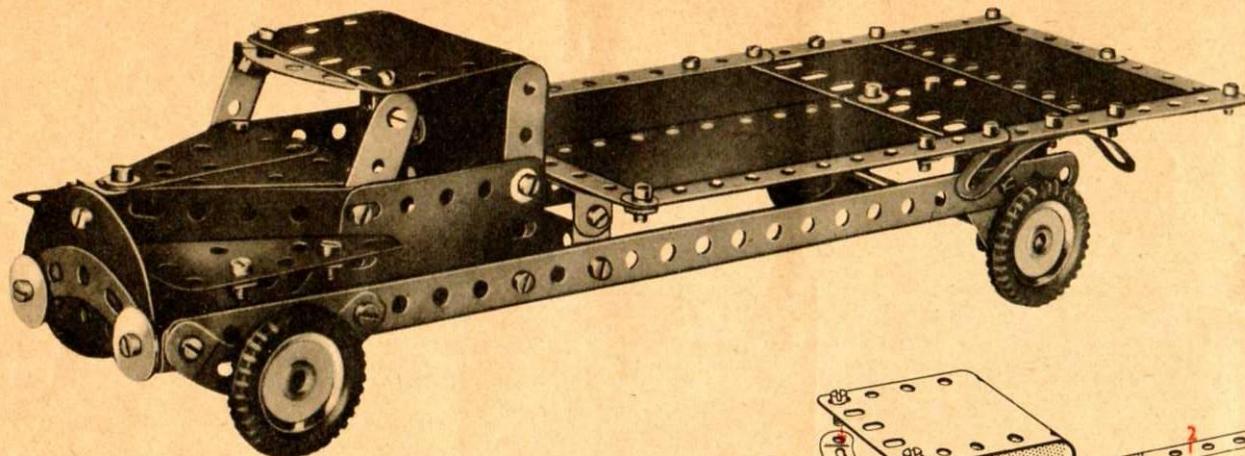
3.7 Saloon Car/Conduite intérieure Personen auto/Personenwagen Automobile Berlina



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

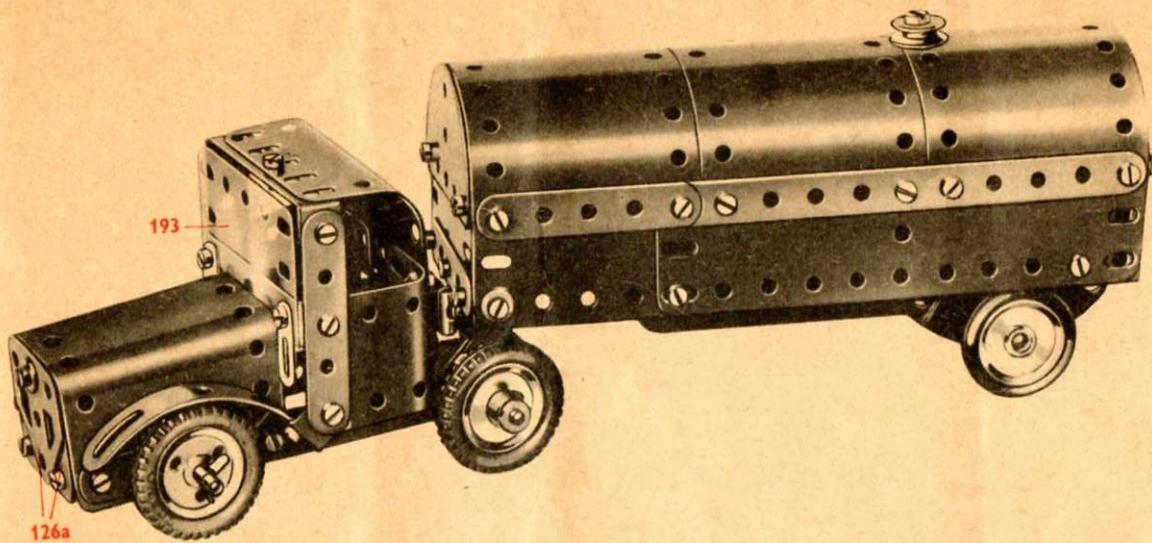
Tankauto, truck met

oplegger

Sattelschlepper mit

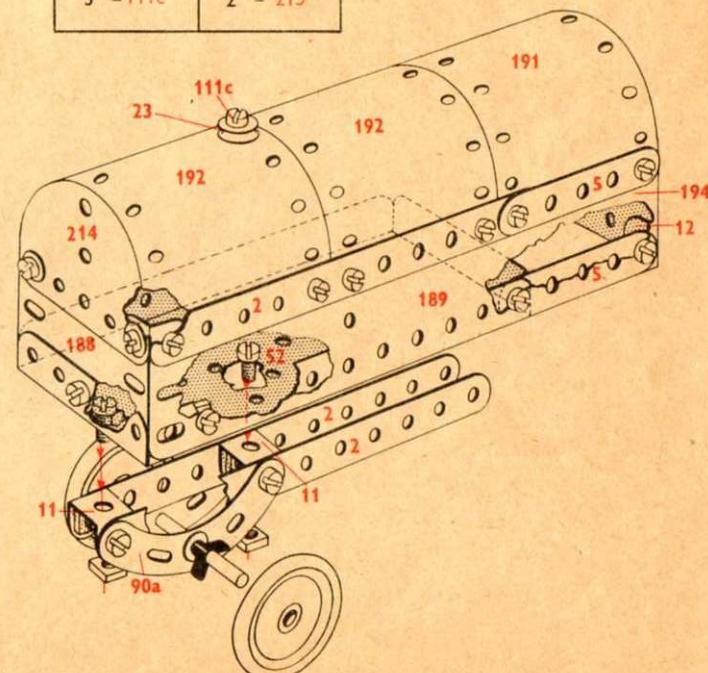
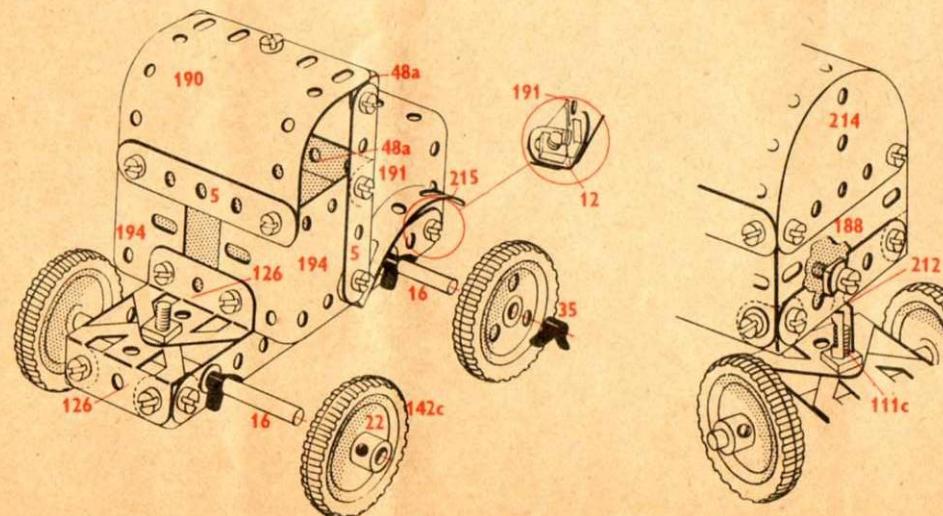
Tankanhänger

Autobotte Snodata

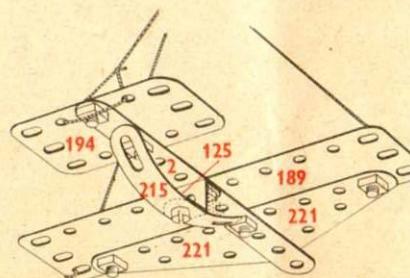
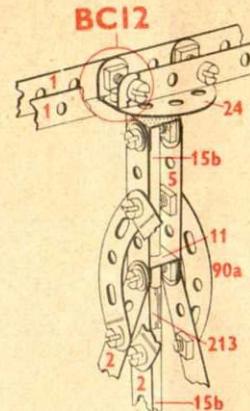
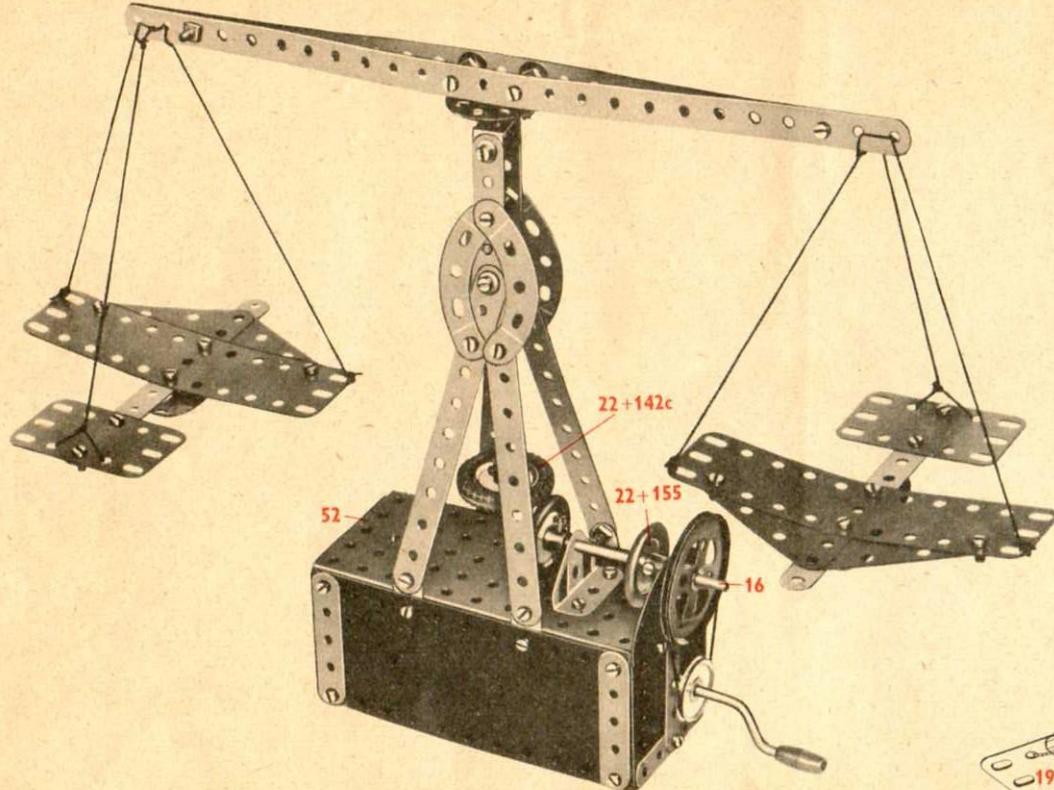


3.9

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

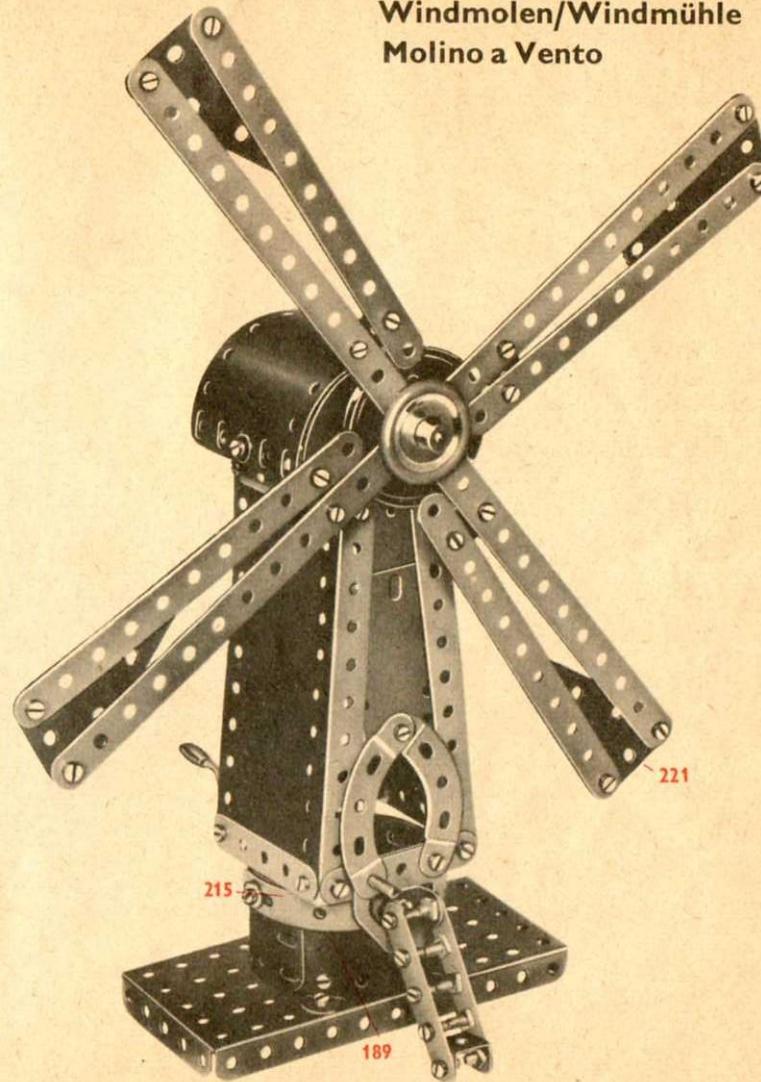
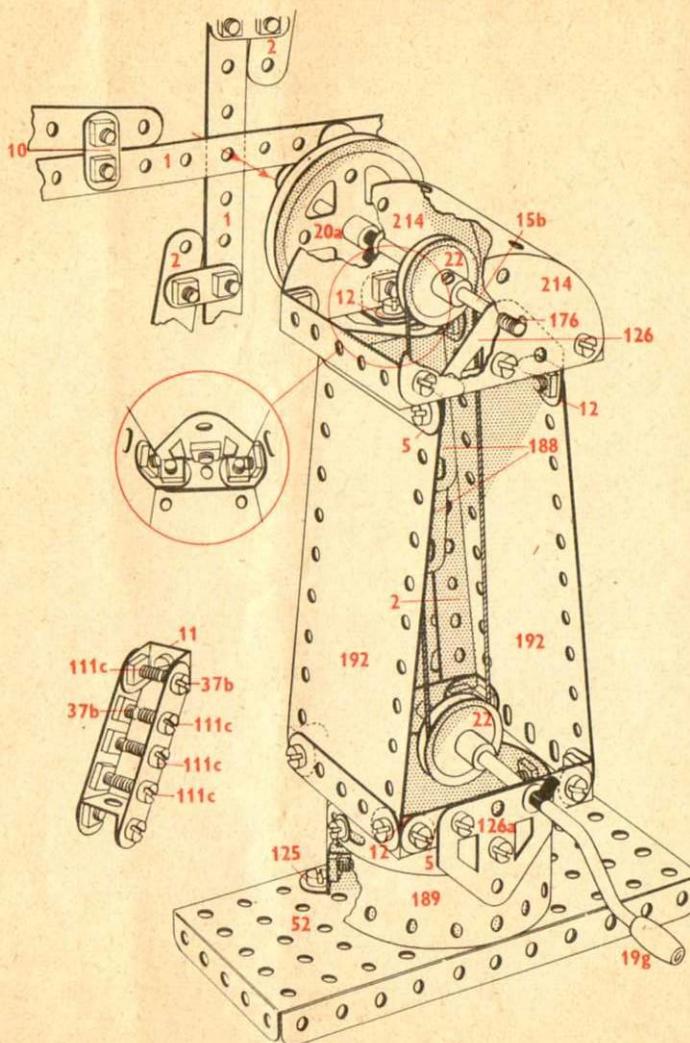


3.10	2 -	1
	6 -	2
	9 -	5
	4 -	10
	2 -	11
	4 -	12
	2 -	15b
	1 -	16
	1 -	19g
	1 -	20a
	4 -	22
	2 -	24
	60 -	37a
	56 -	37b
	6 -	38
	1 -	40
	2 -	48a
	1 -	52
	4 -	90a
	4 -	111c
	2 -	125
	2 -	126
	1 -	142c
	2 -	155
	2 -	188
	2 -	189
	1 -	190
	2 -	192
	2 -	194
	1 -	213
	1 -	214
	2 -	215
	4 -	221

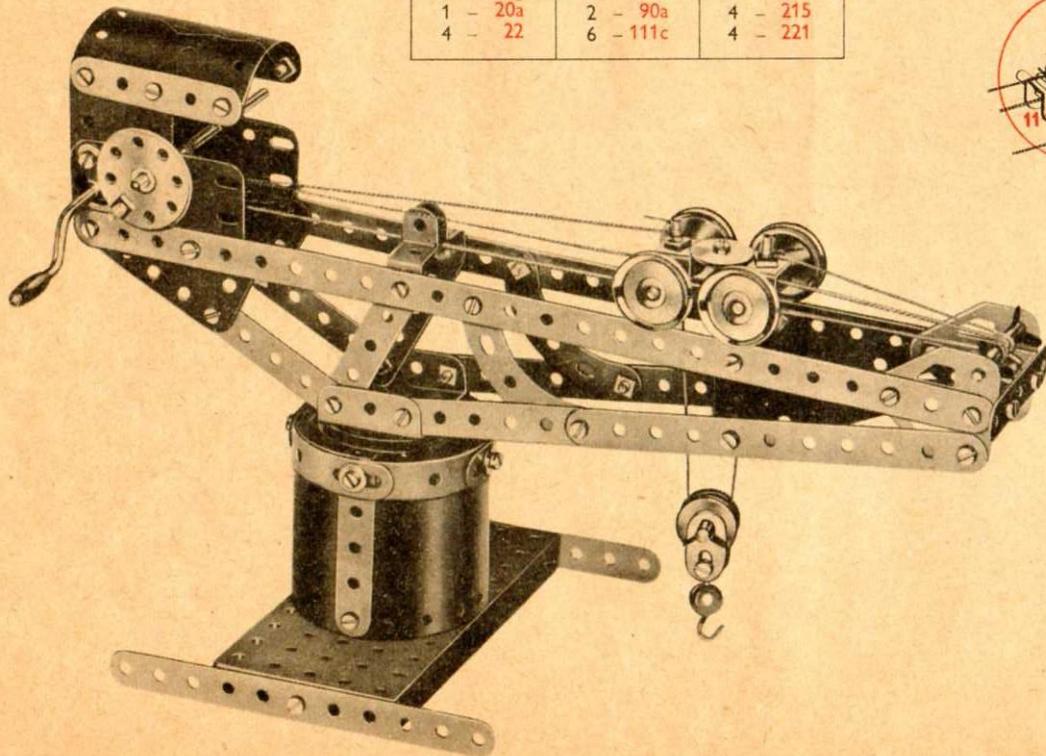
**3.11 Windmill/ Moulin à vent
Windmolen/Windmühle
Molino a Vento**

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

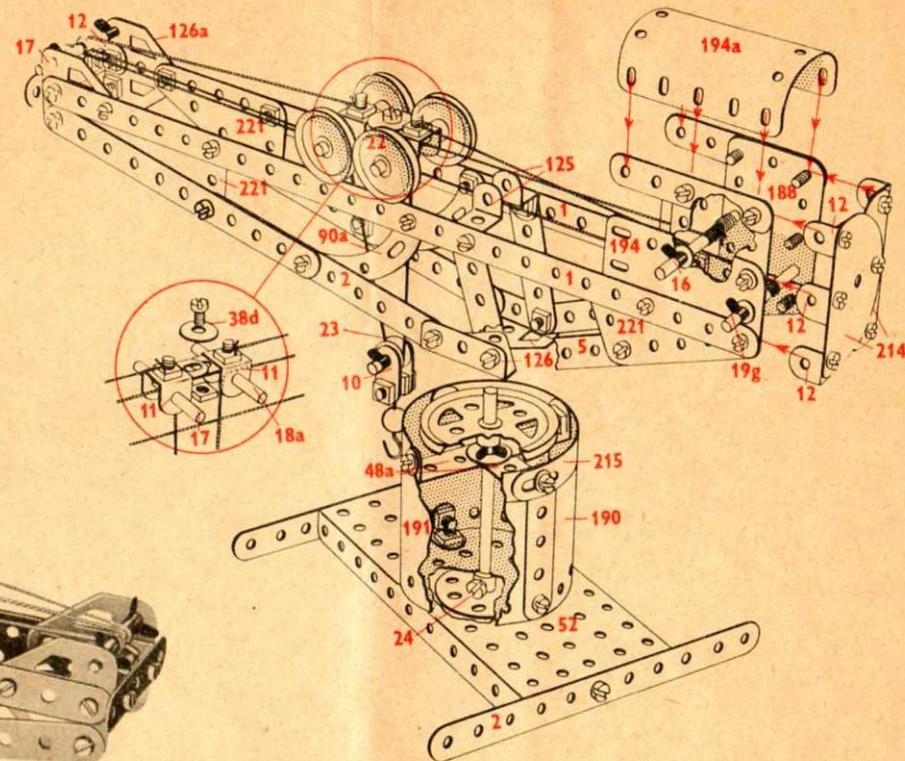


**3.12 Block-setting Crane/Grue pour poser de blocs de béton/Zware kraan/Fahrbarer Portaldrehkran
Gru per la Posa di Massi**

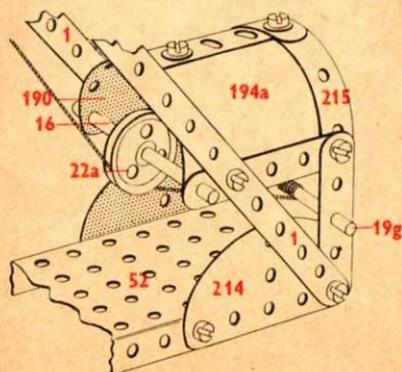
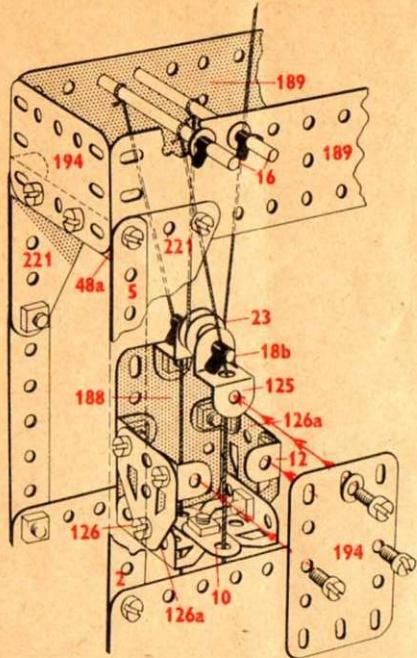


3.12

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

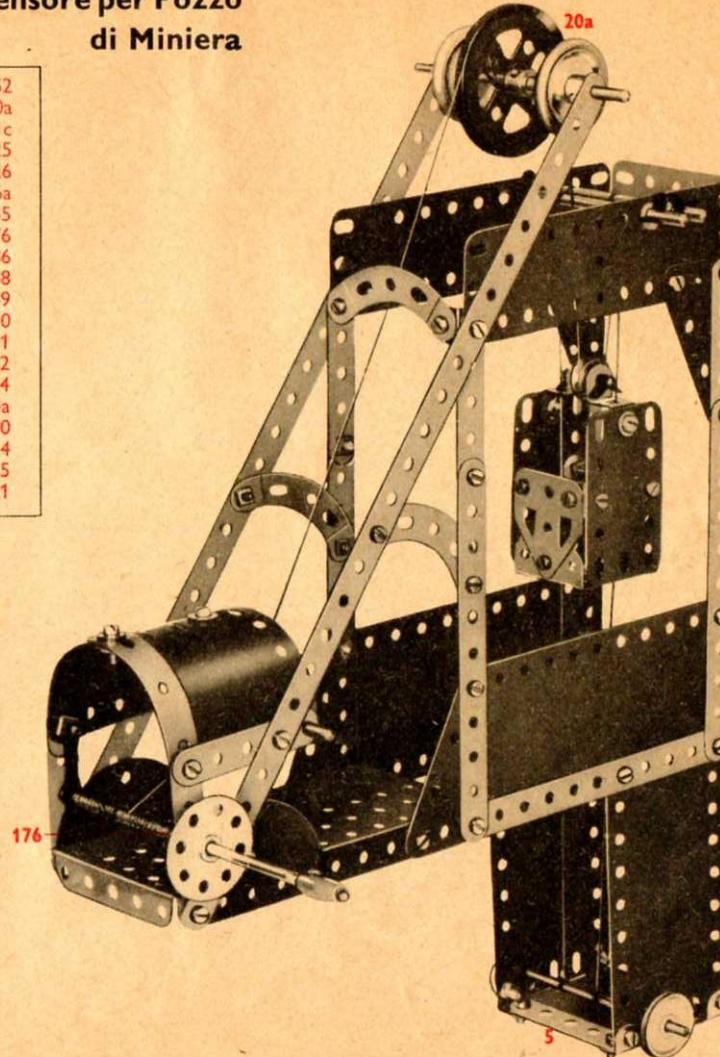


3.13 Pit-head Gear/Puits de mine/Mijnschacht lift Förderturmanlage/Ascensore per Pozzo di Miniera

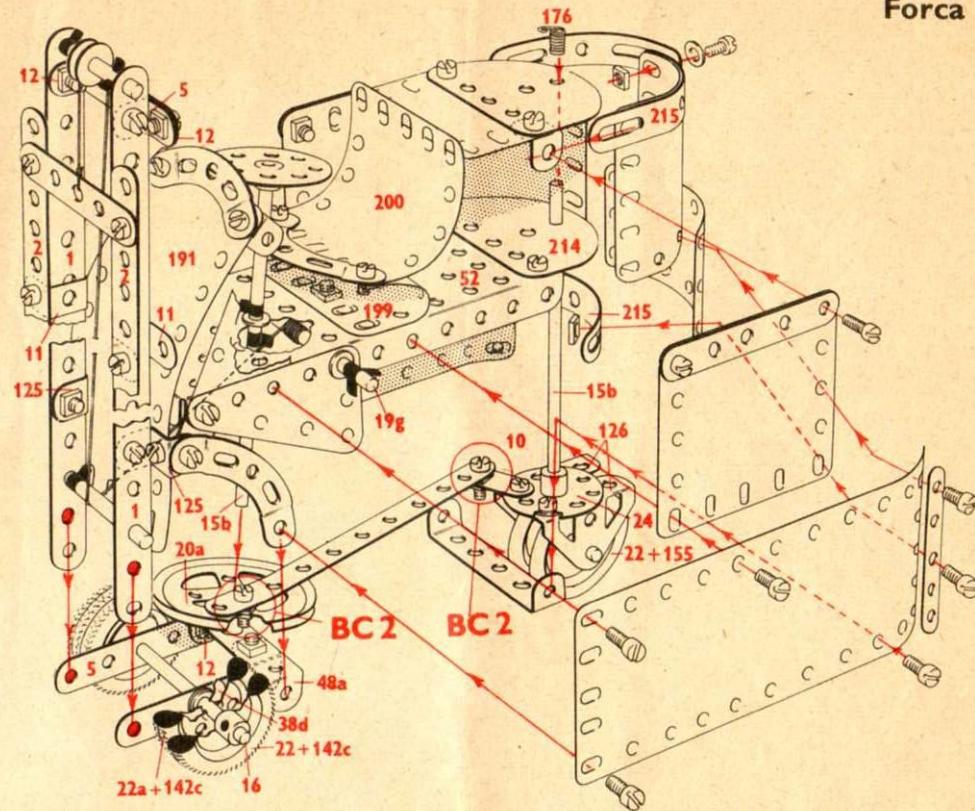
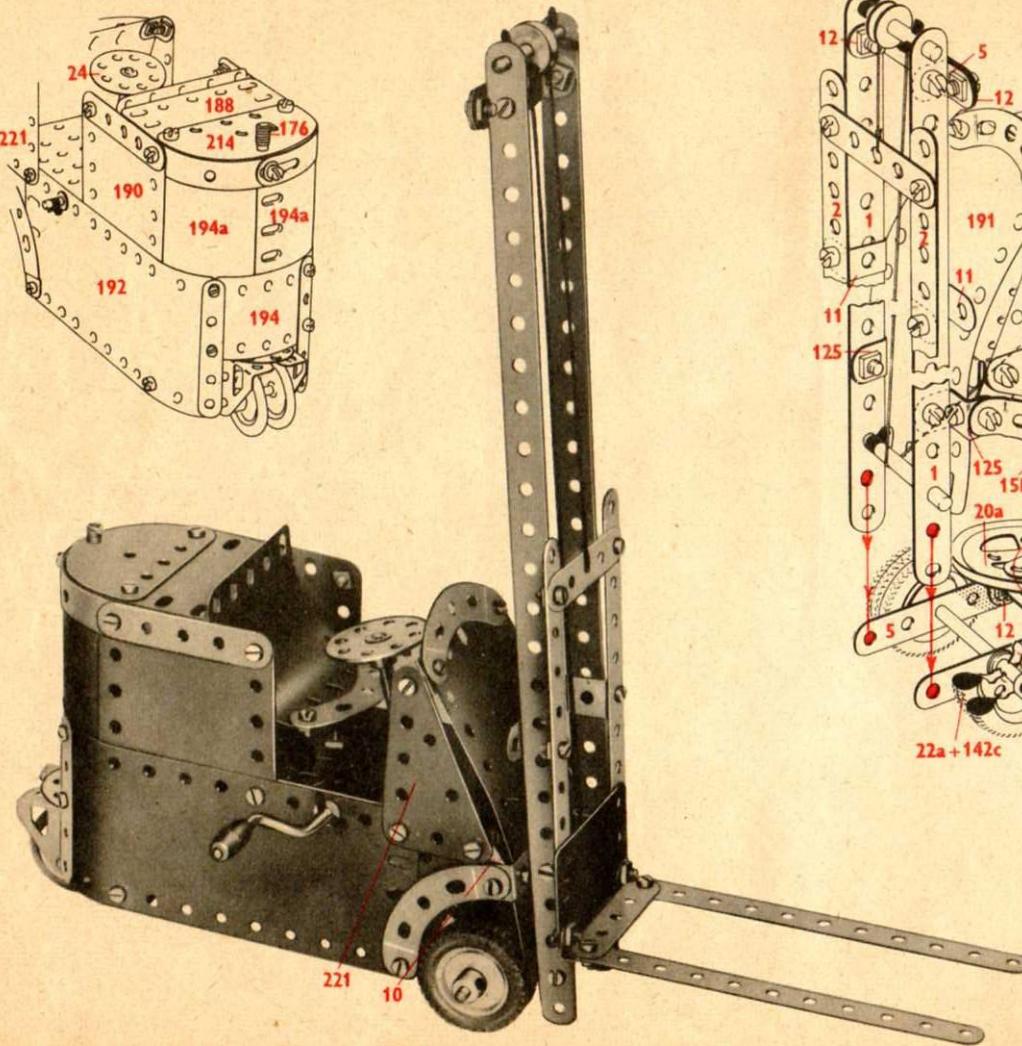


3.13

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

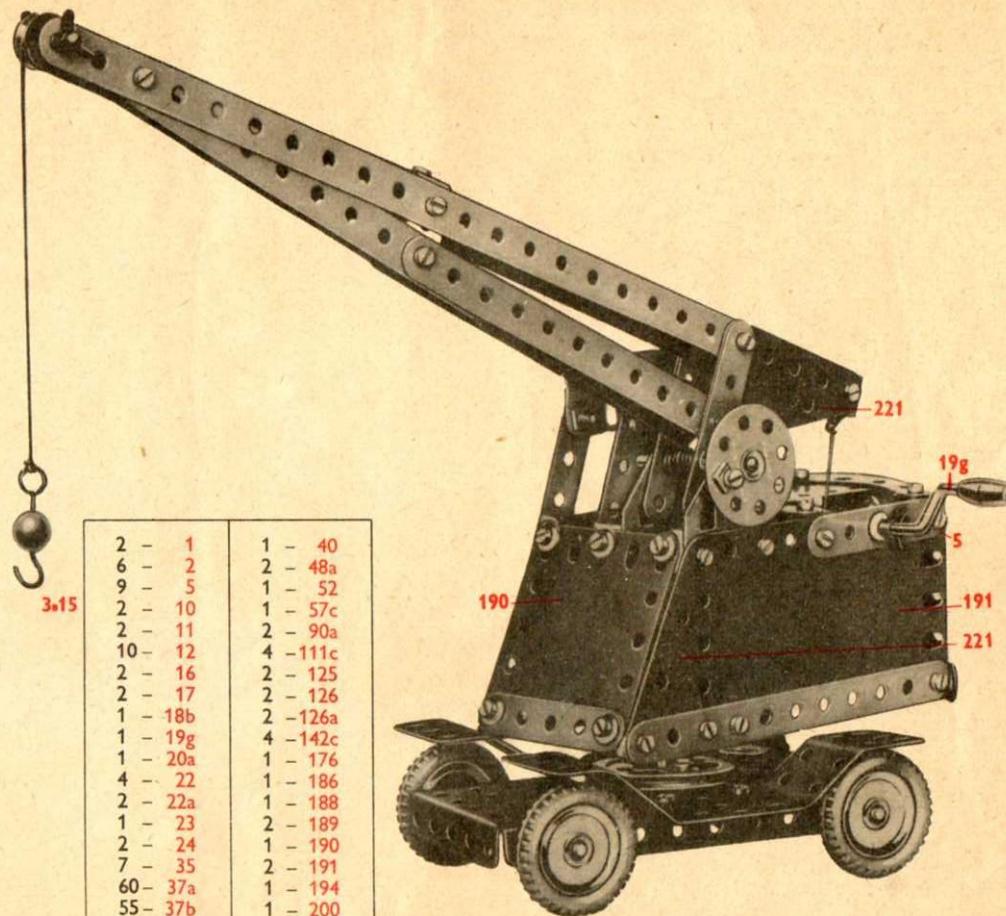
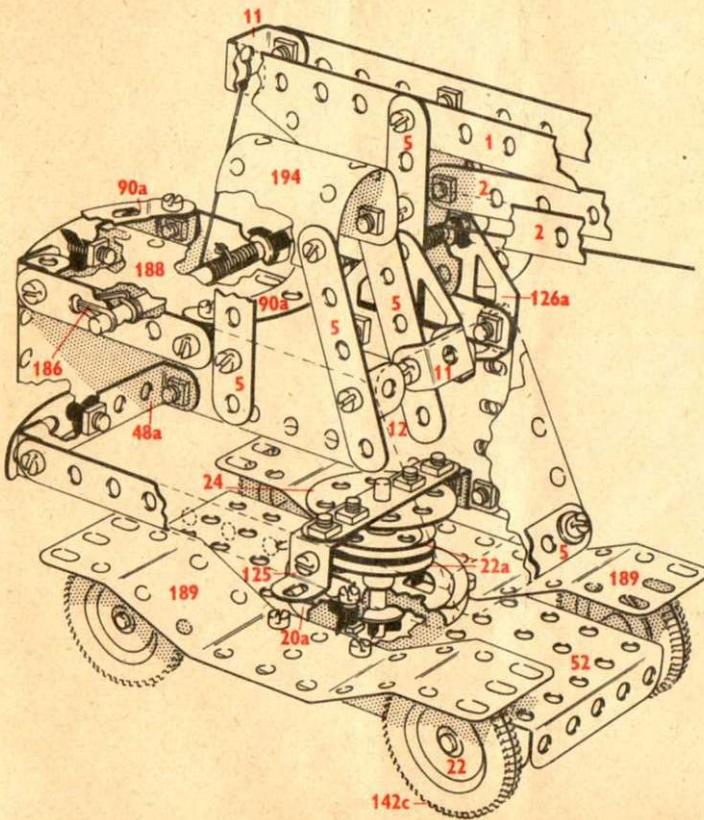


3.14 Fork-lift Truck/Chariot à fourche/Vorkheftruck/Gabelstapler/Carrello con Elevatore a Forca



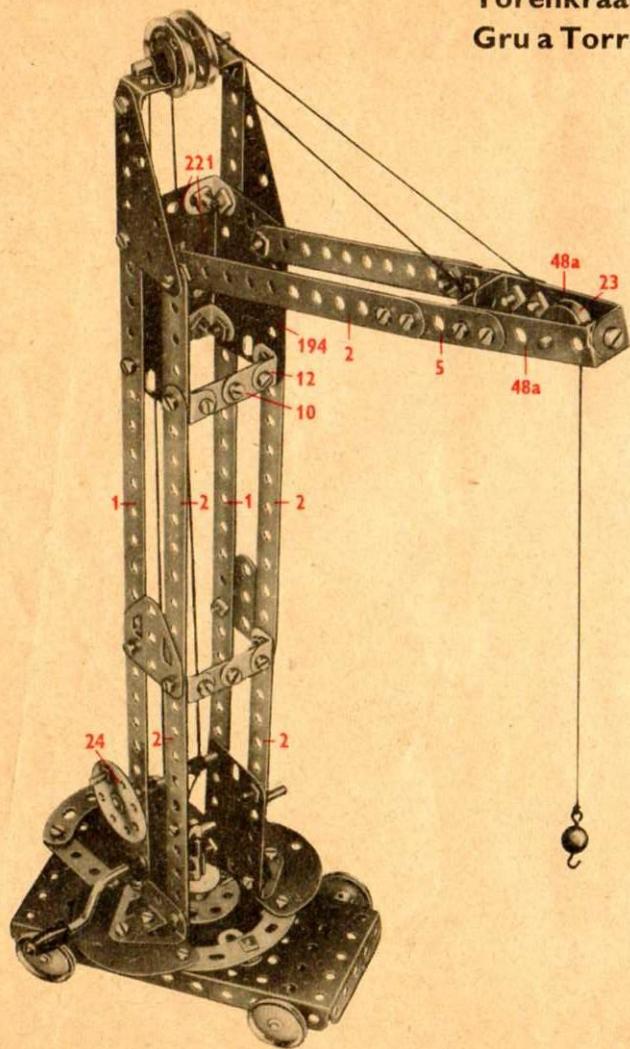
3.14	2 - 1	1 - 20a	2 - 48a	1 - 191
	5 - 2	4 - 22	1 - 52	2 - 192
	9 - 5	2 - 22a	4 - 90a	1 - 194
	3 - 10	1 - 23	3 - 111c	2 - 194a
	2 - 11	2 - 24	2 - 125	1 - 199
	10 - 12	8 - 35	2 - 126	1 - 200
	2 - 15b	60 - 37a	4 - 142c	2 - 214
	1 - 16	55 - 37b	2 - 155	3 - 215
	2 - 17	10 - 38	1 - 176	4 - 221
	1 - 18a	2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

**3.15 Mobile Crane/Grue mobile/Rijdende kraan
Fahrbarer Kran/Gru Mobile**

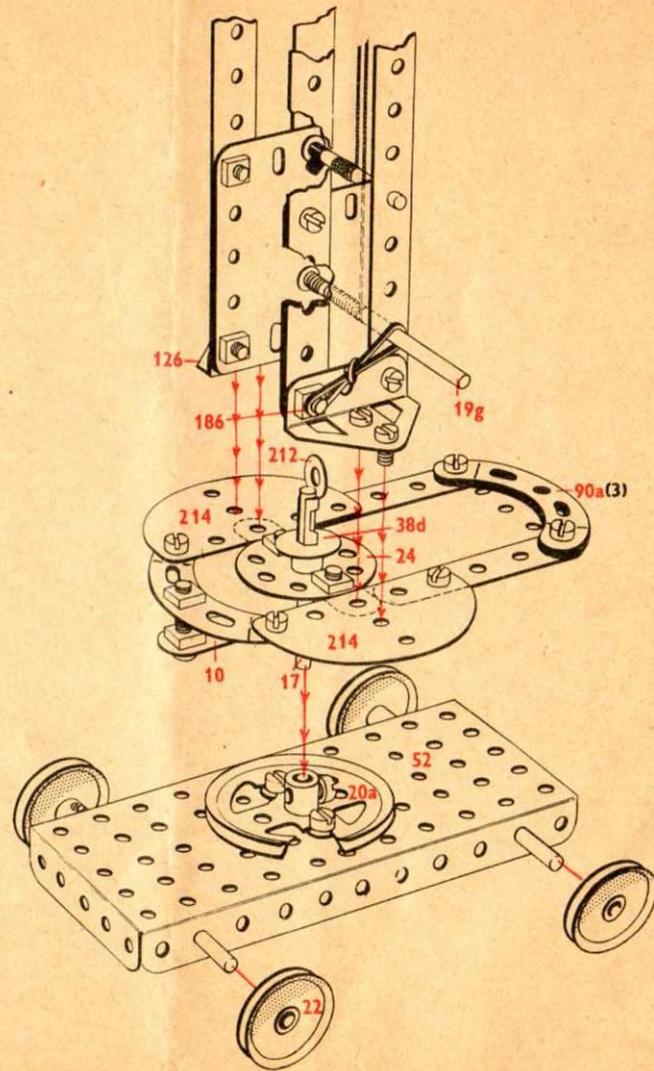


2 -	1	1 -	40
6 -	2	2 -	48a
9 -	5	1 -	52
2 -	10	1 -	57c
2 -	11	2 -	90a
10 -	12	4 -	111c
2 -	16	2 -	125
2 -	17	2 -	126
1 -	18b	2 -	126a
1 -	19g	4 -	142c
1 -	20a	1 -	176
4 -	22	1 -	186
2 -	22a	1 -	188
1 -	23	2 -	189
2 -	24	1 -	190
7 -	35	2 -	191
60 -	37a	1 -	194
55 -	37b	1 -	200
8 -	38	4 -	221
1 -	38d		

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
Squadreita

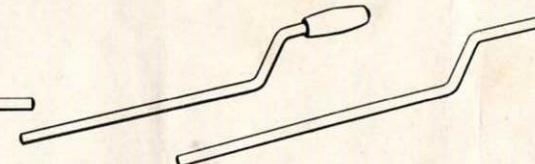
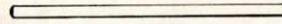
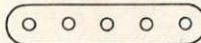
Rods
Tringle
Assen
Stäbe
Assi

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
Poule
Riemschijf
Riemscheibe
Puleggia

Pulley (with boss)
Poule à moyeu
Riemschijf (met naaf)
Riemscheibe (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 $\frac{1}{2}$ " ; 5 cm
18a - 1 $\frac{1}{2}$ " ; 4 cm
18b - 1" ; 2,5 cm

19g

19s

20a - 2" ; 5 cm

22 - 1" ; 25 cm

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

Pulley (without boss)
Poule sans moyeu
Riemschijf (zonder naaf)
Riemscheibe (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

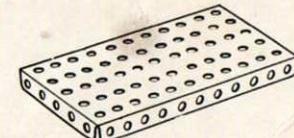
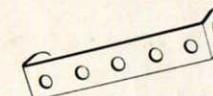
Bolt
Boulon
Bout
Schraube
Dado

Washer
Rondelle
Onderlegring
Unterlagscheibe
Rondella

Washer
Disque
Onderlegring
Unterlagscheibe
Rondella

Double Angle Strip
Bande coudeée
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
hoeksteen
Umgekehrte
Winkelstütze
Doppia squadretta

Trunnion
Embase triangulée
coudée
Tap
Zapfen
Supporto triangolare
piegato

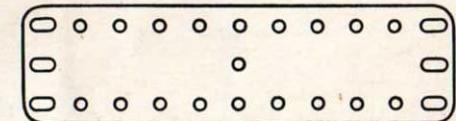
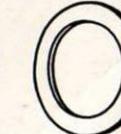
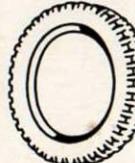
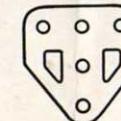
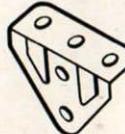
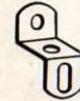
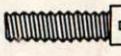
Flat Trunnion
Embase triangulée
plate
Vlakke tap
Flacher Zapfen
Supporto triangolare
piatto

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
Molla di fissaggio
per cordonecino

Flexible Plate
Plaque flexible
Buigzame plaat
Biegssame Platte
Piastra flessibile



57c

90a

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

125

126

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- $5\frac{1}{4}$ " 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
Gewölbte Platte,
"U"-förmig
Piastra curvata ad "U"

Curved Plate
Plaque cintée
Boogplaat
Gewölbte Platte
Piastra curvata

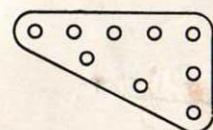
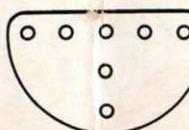
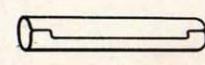
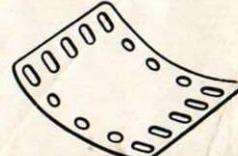
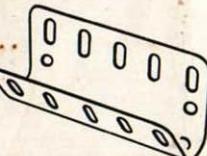
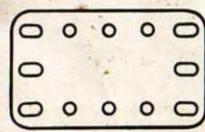
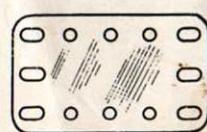
Rod and Strip
Connector
Raccord de tringles
et bande
As-strook-
koppelung
Wellen- und
Streifen-
verbinder
Giunto per asse
e striscia

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

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

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

Triangular Flexible Plate
Plaque flexible triangulaire
Buigzame, driehoeks sluitplaat
Dreieckige biegssame 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