METALING (b)

Spain

NAME METALING

TYPE Mechanical Engineering

HOLE DIAMETER 4.2mm HOLE SPACING 12.7mm (½")

SETS IN SYSTEM Total of 21: 0, 1, 2, 3, 4, 5, 6, 7,8. Accessory Sets 0a, 1a, 2a, 3a, 4a, 5a, 6a, 7a. Gears Set

Meccano Highway and Army Multikits together with the Clock Kit were introduced in 1974.

DIFFERENT PARTS 260

COLOUR Yellow, Black and Zinc

FIXING METHOD 5/32" Nut and Bolt

MOTORS 2 electric

PERIOD From 1970 to 1976

MANUFACTURER Novedades Poch. S.A., Barcelona 7, Spain

COMMENTS The agents were: Palouzie-Juguetes, Seneca, 15 Barcelona-6., Spain.

In 1969 Novedades Poch. S.A. stopped producing Meccano sets under license from Meccano(Liverpool) and instead produced sets under the Metaling name using the same Meccano style parts as previously. They still however continued to manufacture a number of Meccano parts that had long been obsolete in the

Meccano system. Both the sets and manual models were completely changed.

In 1974 Novedades Poch. S.A. introduced the Meccano Highway and Army Multikits together with the Clock

Kit under license.

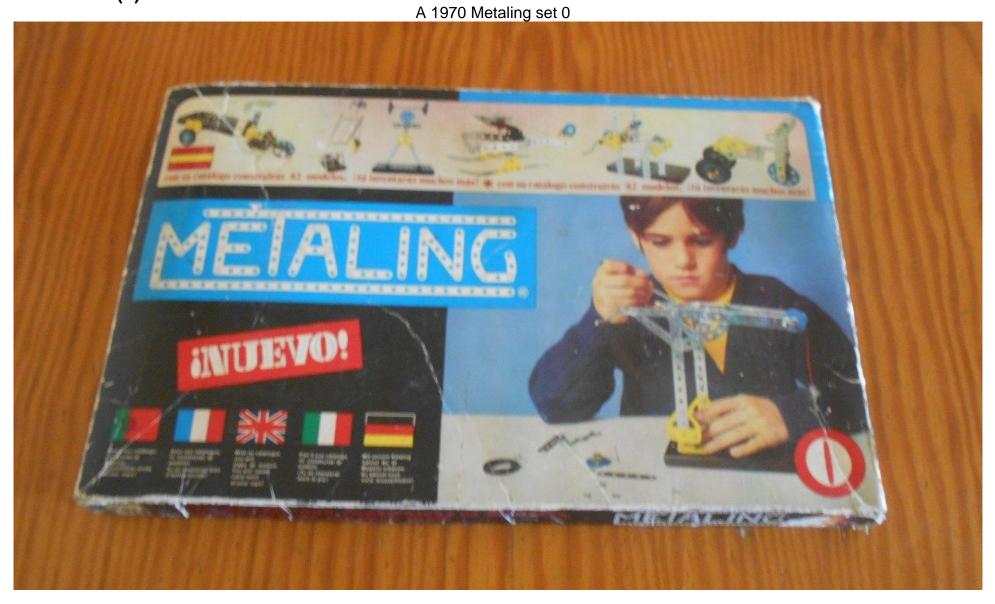
In around 1976 Novedades Poch. S.A., once again came to an agreement with Meccano(Liverpool) to

manufacture standard Meccano sets.

OTHER SYSTEMS NEWSLETTER 53/1633

MATERIAL SUPPLIED BY T. Edwards & A. Valero

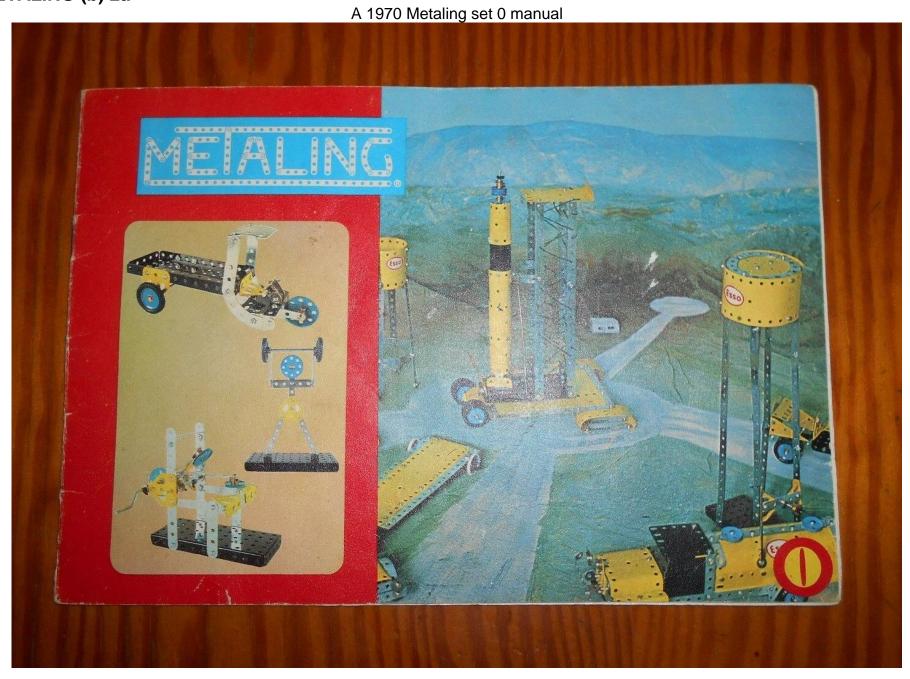
METALING (b) 7a



A 1970 Metaling set 0



METALING (b) 2a



METALING (b) 7c

Because the Spanish meccano sets were unchanged from 1931 to circa 1964, several Meccano parts that became obsolete by the WW2 were still available in Spain right into the 1970s. These parts are:-

36b Special Screwdriver
98 Braced Girder 2 ½"
100a Braced Girder 4 ½"
104 Shuttle for Loom
106a Sand Roller
107 Table for Designing Machines
120 Buffer
121 Train Coupling
135 Theodolite Protractor
142 Rubber Ring for 3" pulley
155a Rubber Ring 5/8"

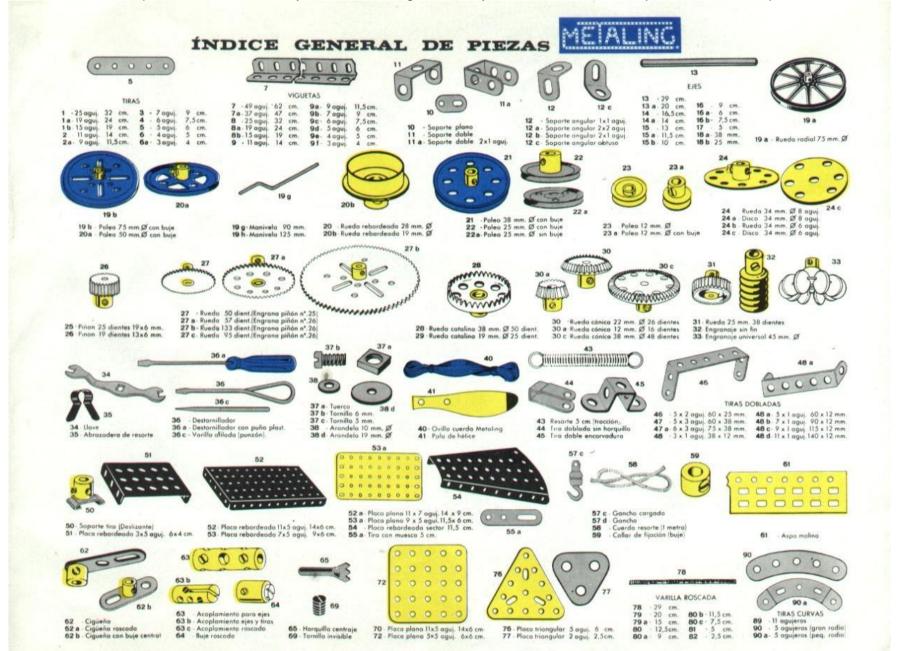
168f Pendulum Connection (UK part no. 172)

159 Circular Saw

See the following pages showing a METALING parts list

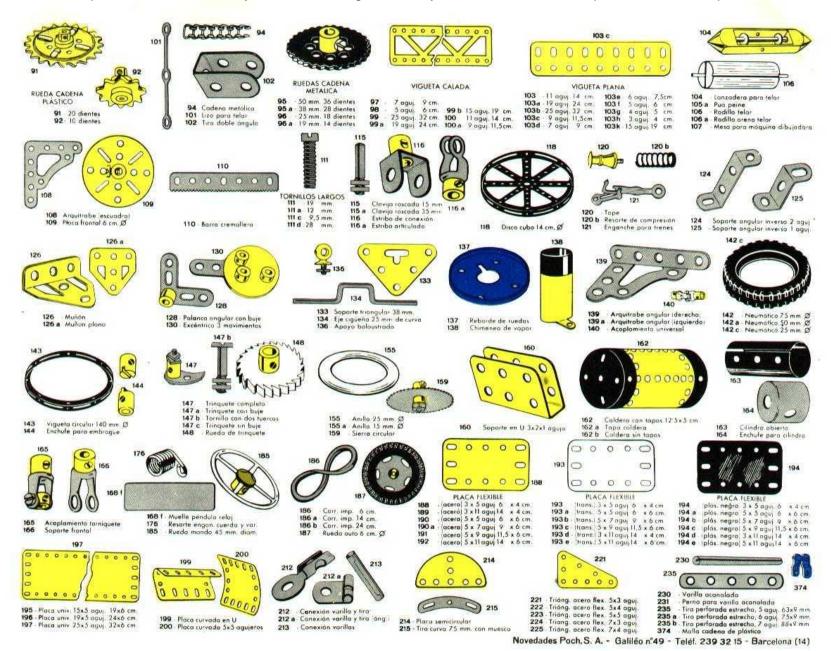
METALING (b) 7d

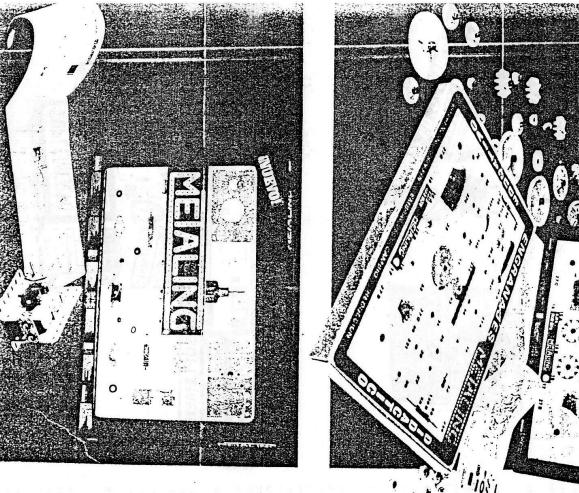
METALING parts list from the early 1970s showing that many obsolete MECCANO parts were still in production



METALING (b) 7e

METALING parts list from the early 1970s showing that many obsolete MECCANO parts were still in production







ENGRANAJES

Esta caja no puede ser sola.
Contiene todos los en METALING en nylon y con las instrucciones patruir diferentes mecar transmisiones, etc...
MEDIDAS CAJA EN CM 34 x 45 x 35

GEARS

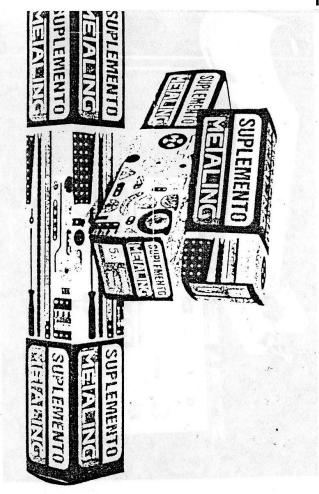
This box cannot be used It contains all the grant of the property of the prope

ELECTROMOTOR

"Kit" para la construcción motor eléctrico.
Contiene catálogo con i trucciones para su montaj funciona con pilas de 4 a i tios o con el TRANSFORM METALING.
CARACTERISTICAS:
Corriente =
Tunsión 4 u 12 v. is.
Amp. 0.8
6800 revoluciones por i MEDIDAS CAJA EN CM. 29 v. 40 v. 4
830 GRAMOS

ELECTOMOTOR

A Kit for the construction electric motor It contains a caralogue with instructions for its assemble It functions with batteries to 12 volts or with the A LING TRANSFORMER. CHARACTERISTICS:
Current a 4 to 12 volts tension Ampheres 0.8 6800 revolutions per minu MEASUREMENTS OF THE IN CENTIMETERS.
29 - 40 - 4





SUPLEMENTO METALING

número superior. Esta caja no puede ser utilizada so Permite ampliar una caja METALII. normal, transformándola en la caja (

Supplementary box. This box cannot used singly. It permits a normal ME LING box to be enlarged, transformit into a box of the next largest size.

Medidas en cm.

7 A	6A	SA	4	() ()	2 A	Ā	Ref.
2 17.5 17.	2 × 7,5 × 7	32 x 7,5 x 7.5	2 × 7,5 × 7.	2:7,5:7	8 x 7,5 x 7	×7,5×7	Size of Box
90.	90	1.10	60	r.	18	2 !	gran

MOTOR-REDUCTOR

Palanca inversora y punto muerto.
Puede ser alimentado con pilos de
10 voltios o bien con el TRANSFORE
DOR BITENSION METALING.
El motor, a 6 volts, gira a 3,000 vue
por minuto. Va provisto de una caja de reduccion con 6 variantes (3:1, 6:1, 12:1, 16:32:1, 60:1) 140 gramos

TRANSFORMADOR (Bitension)

Entrada 125/220 5011x Potencia 50 V.A. Alumbrado 4,5 V. Tracción regulable de O a 12V. "Provisi

For el botón de mando se cambia el studo de la marcha.

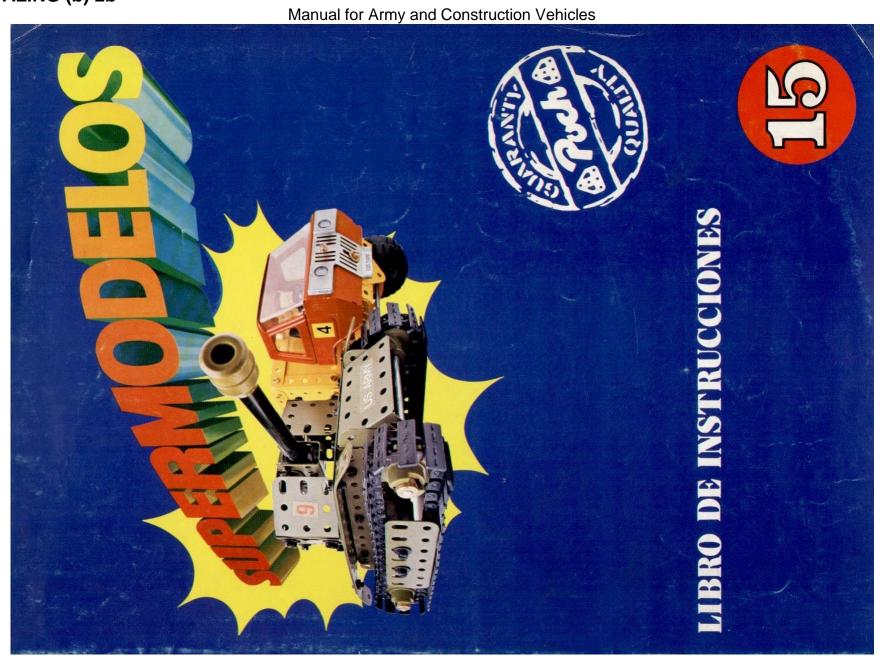
Medidas en cm. 10.5 s 16.5 s 8.5

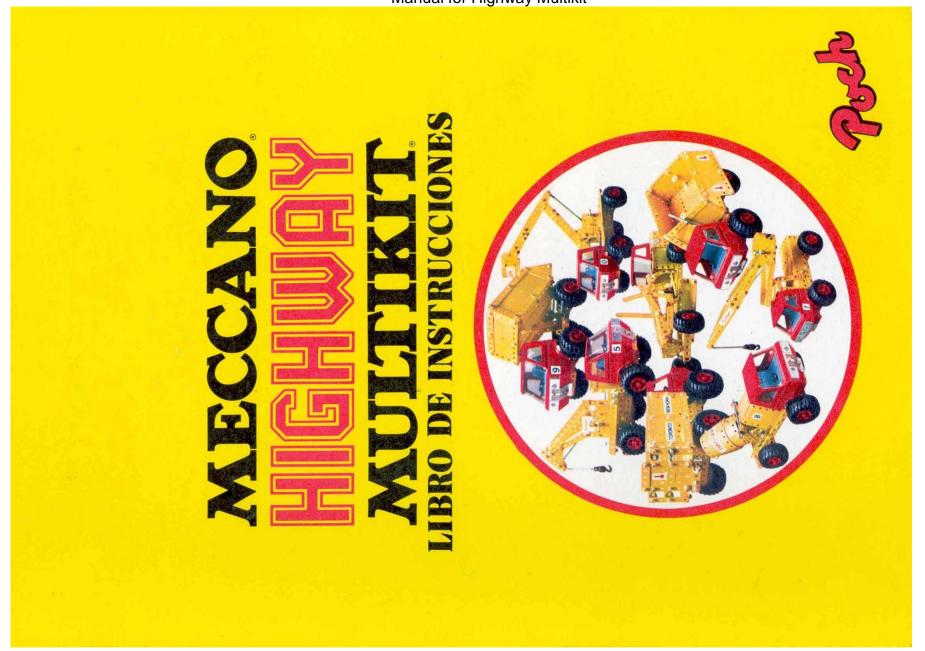
1350 gramos

TRANSFORMER

Plug 125,220 50 Hz Power 50V.A. Extra 4,5 V.

Adjustable traction from 0 to 12V. Educes a regulator.
Progressively adjustable without any lasse contacts nor jumping.
With the control button you may chare the direction of the motor.
Size 10,5 × 16,5 × 8,5 cm.
Gross Weight 1350 grams.







The Highway Multikit



