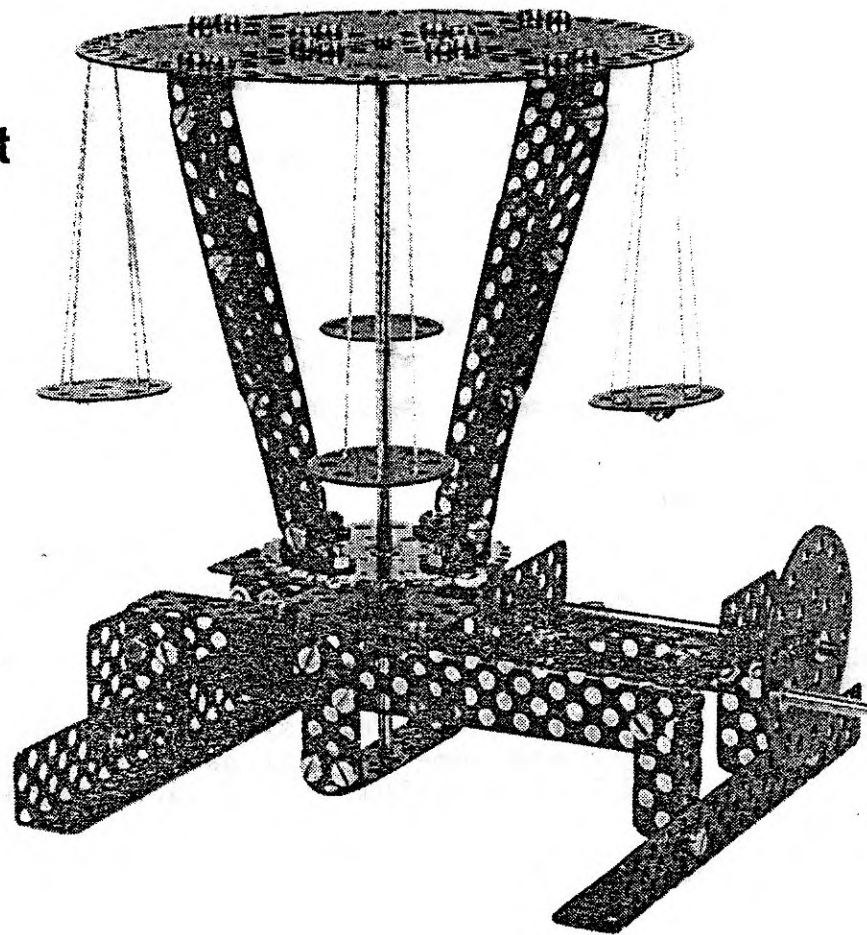


ABRA
Denmark

TYPE	Simple Mechanical Engineering		
HOLE DIAMETER	3.6 mm (0.1436 ins.)	HOLE SPACING	7.85 mm (0.3034 ins)
SETS IN SYSTEM			
DIFFERENT PARTS	45		
COLOUR	Zinc plated, dark blue		
FIXING METHOD	Nut and bolt		
MOTORS	None		
PERIOD	? up to 1980s		
MANUFACTURER	Abra Products.		
COMMENTS	Similar to the Trix system, yet not compatible with it, There are some special parts such as narrow angle girders and half rims. Full range is not shown in illustration.		
OTHER SYSTEMS NEWSLETTER	26/768		

MATERIAL SUPPLIED BY Jeannot Buteux

**Idékatalog
for
Metalbyggesæt**



ABRA SEPARATE PARTS LIST

NOTE: As no list is supplied this has been compiled from illustrations of the system parts.

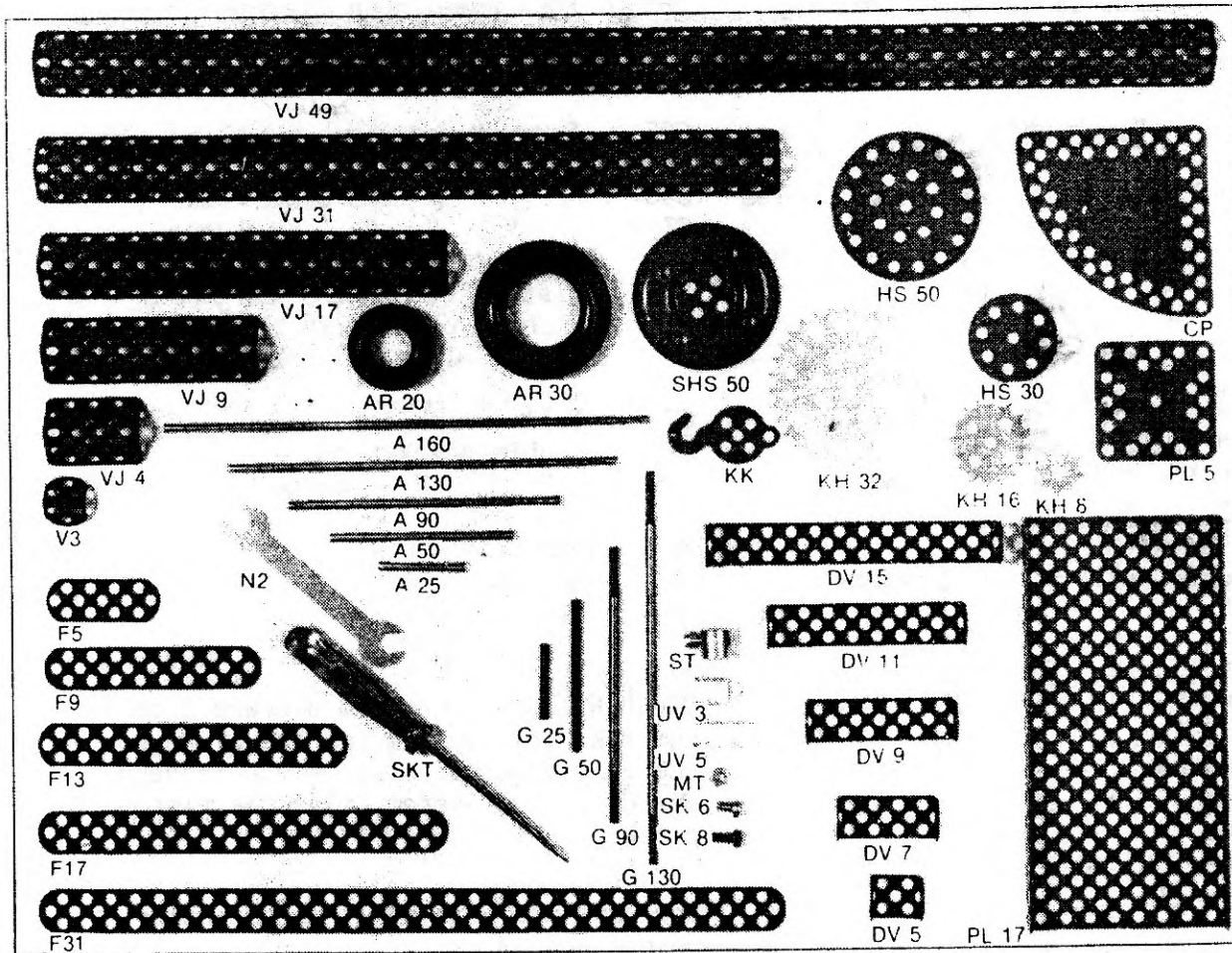
<u>Part</u>	<u>Description</u>					
F5	Perforated strip	5	central	holes		
F9	"	9	"	"		
FI3	"	I3	"	"		
FI7	"	I7	"	"		
F3I	"	3I	"	"		
VJ4	Angle Girder	4	holes			
VJ9	"	9	"			
VJI7	"	I7	"			
VJ3I	"	3I	"			
VJ49	"	49	"			
DV5	Double angle strip	5	holes			
DV7	"	7	"			
DV9	"	9	"			
DVII	"	II	"			
DVI5	"	I5	"			
A25	25mm Rod					
A50	50mm "					
A90	90mm "					
AI30	I30mm "					
AI60	I60mm "					
KH8	Sprocket 8 teeth					
KHI6	" I6 "					
KH32	" 32 "					
KK	Crane hook					
N2	Spanner open both ends					
SKT	Screwdriver erinoid handle					
HS50	Large disc I6 per. holes					
HS30	Small disc 8 " "					
SHS50	Road wheel 50mm Dia.					
AR30	Tyre 30mm					
AR20	" 20mm					
G25	Screwed rod 25mm					
G50	" " 50mm					
G90	" " and plain 90mm					
GI30	" " " " I30mm					
PL5	Flat plate 5 holes x 5 holes					
PLI7	Flanged plate I7x8 holes					
CP	Corner plate 8x8 holes					
ST	Collar with set screw					
UV3	Double bracket small					
UV5	" " large					
SK6	6mm bolt					
SK8	8mm "					
MT	Nut					
V3	Angle bracket					

OTHER NOTES: The system differs from the U.K. Trix system in several ways, the curved corner plate No.CP is very useful to the system, also the flat plate.

The nuts are hexagonal and the bolts cheese headed.

Angled drives were achieved by meshing the gear teeth simply at right angles.

List compiled by F.A.Beadle



Mølle
Mill
Mühle
Moulin