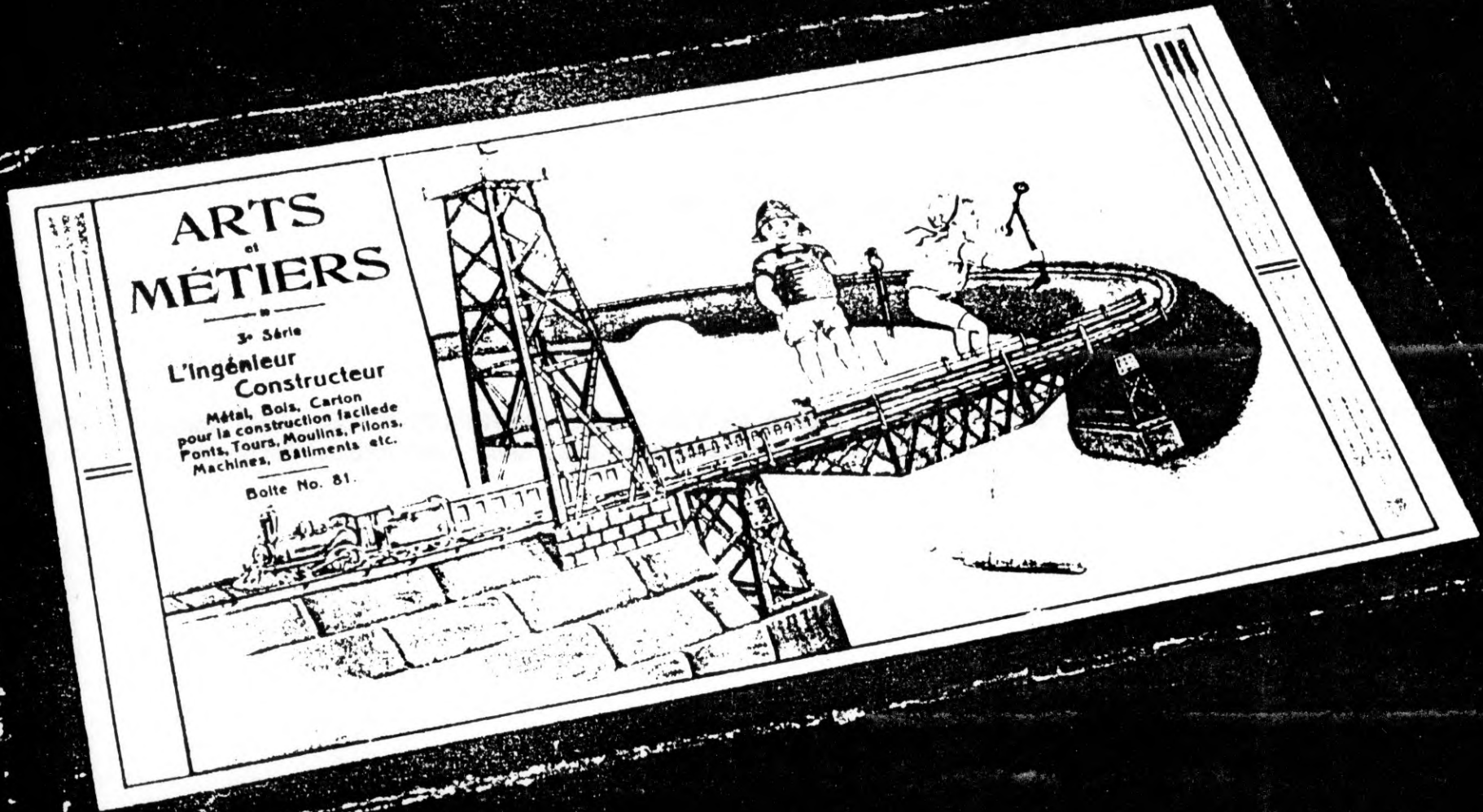


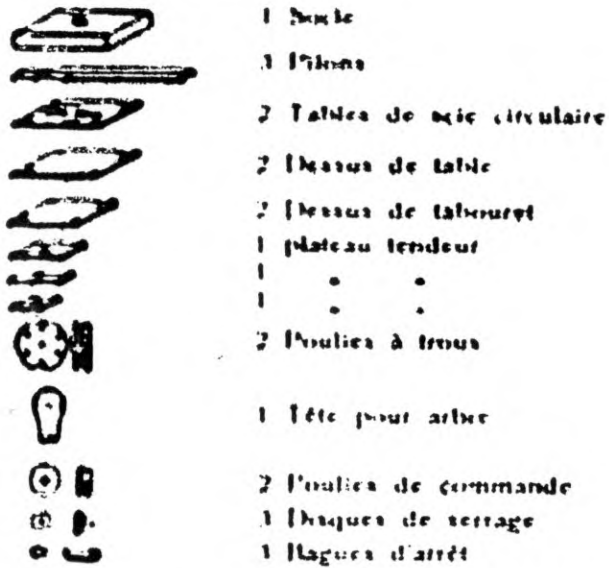
| | | |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| NAME | ARTS et MÉTIERS Série 3. | |
| TYPE | Constructional Engineering. | |
| HOLE DIAMETER | 2.7 to 2.8mm | HOLE SPACING 10.0 to 10.3mm |
| SETS IN SYSTEM | 2 or 3 with No.81 the largest. | |
| DIFFERENT PARTS | 47 including 16 wooden. | |
| COLOUR | Steel parts nickel plated. | |
| FIXING METHOD | Strips, Plates, etc are held together by Bifurcated Paper Clips (called Rivets). | |
| MOTORS | None. | |
| PERIOD | c1910 to 1914. | |
| MANUFACTURER | Walther & Co., Berlin. | |
| COMMENTS | This was the name used in France for WALTHER'S INGENIEUR. It was initially called L'INGÉNIEUR WALTHER, perhaps as early as 1908. In the absence of a manual cover, a No.81 Set box is shown overleaf. | |
| OTHER SYSTEMS NEWSLETTER | 4/72, 13/351, 17/461, 17/462, 17/469 | |

MATERIAL SUPPLIED BY Jeannot Buteux & Constructorama.



Contenu de la boîte modèle No. 81.

Pièces en bois



1 Manche

3 Pignons

2 Lames de scie circulaire

2 Bases de table

2 Bases de tableuret

1 plateau tendeur

1 " " "

2 Poulies à trous

1 Tête pour arbre

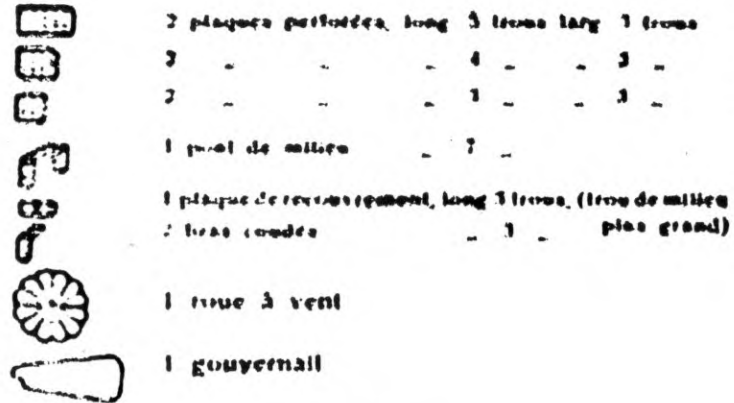
2 Poulies de commande

3 Disques de serrage

3 Plaque d'arrêt

| | | | | |
|----|--------------|------|----|----|
| 6 | tiges rondes | long | 40 | mm |
| 10 | " | " | 57 | " |
| 3 | " | " | 70 | " |

Parties métalliques.



2 plaques perforées, long 5 trous larg 1 trou

2 " " " 4 " " 3 "

2 " " " 1 " " 3 "

1 pont de milieu " 7 "

1 plaque de renforcement, long 3 trous, (trou de milieu

2 bras courbés " 1 " plus grand)

1 roue à vent

1 gouvernail

Outils

1 pointe avec tournevis
 1 pointe affilée
 1 petit tournevis
 2 clés
 1 boîte contenant des rivets
 1 Carnet avec Modèles



1 lame de scie circulaire

2 angles doubles

fers plats a) et fers cornière

b) comme suit:

a) 8 fers cornière, long: 11 trous

4 " " " 9 "

6 " " " 6 "

2 " " " 7 "

4 " " " 5 "

b) 4 fers plats, long: 9 trous

4 " " " 7 "

8 " " " 6 "

4 " " " 5 "

8 " " " 3 "

3 " " " 1 "



2 chaînes

1 pont de milieu, long 9 trous

1 manivelle

1 vis de noix avec écrou

3 pointes en fer

1 arbre avec 5 écrous

en tout 132 Pièces

Avec cette boîte on peut faire les modèles
de No 1 à 26

