

Snippet. 'New' System: ELTEX This was a German system of some 50 or 60 parts, a mix of electrical & constructional items. It was produced by Ing. A. Dommer of Bernsdorf, a small town about 40km NNE of Dresden. There is no indication of when it was made but if in the 1950s or 60s, Bernsdorf was in the DDR. This account is taken from one set which was offered on Ebay.

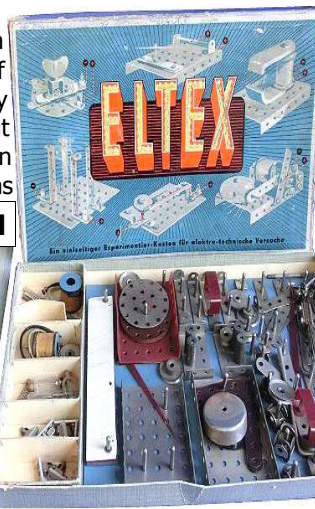
Fig.1

The SET is shown in Fig.1, & its lid features 6 models, all of which could probably be made with the Set.

The PARTS that can be seen in the various photos are as follows, with those that are only in the models asterisked.

- Strips, 2,3*,4,5,7,11*,17*h.
- A/B: 1*1; 2*1h*.
- D/B: 1 & 2h high*.
- Pulley.
- Small Pulley, no boss.
- Axles, at least 2 lengths.
- Crank Handle*.
- DAS 1*5*1h.
- Double Bent Strip* & Long ditto* (see Fig.8, Abbs.14,17).
- Flanged Plates: 5*7h; 2*4h.
- Disc, probably 58mm Ø.
- Rod with Screwed Ends.
- Spacers: Long, Short.
- Ratchet Wheel.
- Bolts*: 5, 20mm.
- Nut*.
- Axle Stop (Fig.7).
- Tension Spring*.
- Electrical.** ♦ Brown parts: • Strip 5h. • Disc 58mm Ø. • Perf. Plate 5*7h*.
- ♦ Red parts: • Flanged Plate 5*7h. • Bridge Strip. • Pointer. • Resistor Strip, the long white 'plate' in 3 layers, wound, widely spaced, with wire (Figs.2-6).
- Spring Contact Arm, see Fig.5, top right.
- Needle (Fig.4).
- Strip with Spring Terminal (Fig.3).
- Coil. • Coil Mounting Plate, see Fig.8, Abb.7.
- Coil Core (unless it is the Long Spacer).
- Coil Pole Pieces (see the Motor on the lid).
- Bell. • Bulb.

All holes are round. The only dimensions known are from the manual: the Bolt lengths & the Disc diameter. The latter



looks like 68mm to me but this gives a hole pitch of 15mm and, by scaling, a 5 1/2mm hole. Given the M4 N&B the Disc is more likely 58mm Ø, & then the pitch is 12.5mm & the holes a little more than 4mm. Many of the parts are stamped with their PN.

The MANUAL. The small print on the cover reads: 'der elektrotechnische Experimentierkasten', & 'ING. A. DOMMER BERNSDORF O./L.' And the logo has 'ardo' (from the maker's name no doubt) in the circle.

3 pages of explanatory text, numbered 1,3, & 4, were shown on Ebay, plus 5 unnumbered sides with a fair selection of models. Most are electrical 'elements'; the few 'real models' include the Crane (Fig.7) & a solenoid operated, single-arm Railway Signal not shown here. Several of the lid models aren't on any of the Ebay pages.

The models on the individual pages are: Nos.A1-5; A6-12 & A13-17 (Fig.8); A24 (Fig.7) & A17-23. Some numbers are blurry, hence perhaps the two models A17.

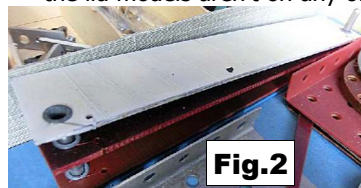


Fig.2

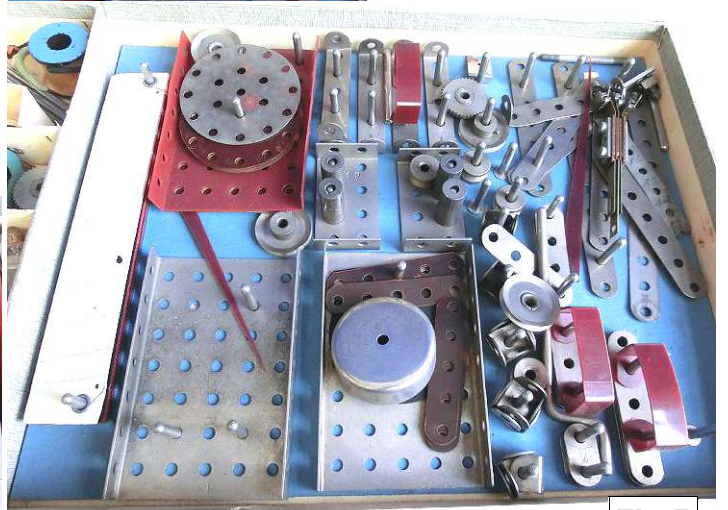


Fig.5

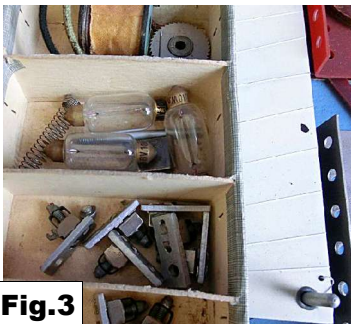


Fig.3

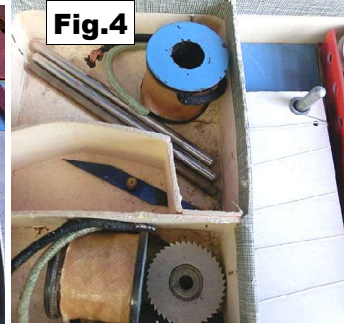


Fig.4

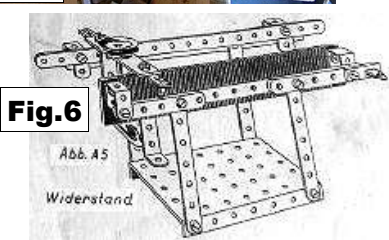


Fig.6

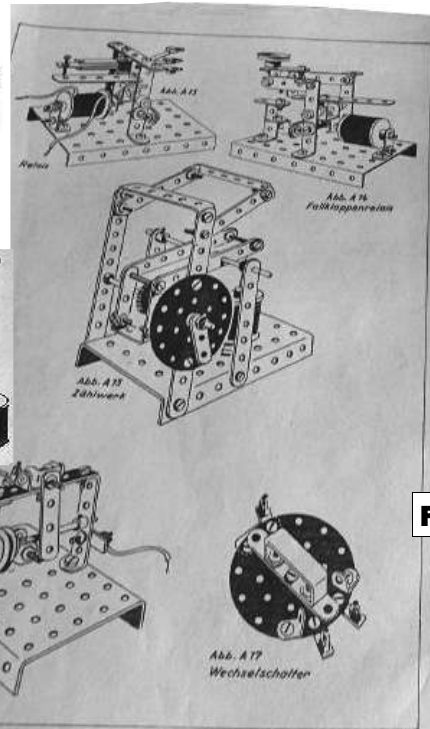


Fig.8

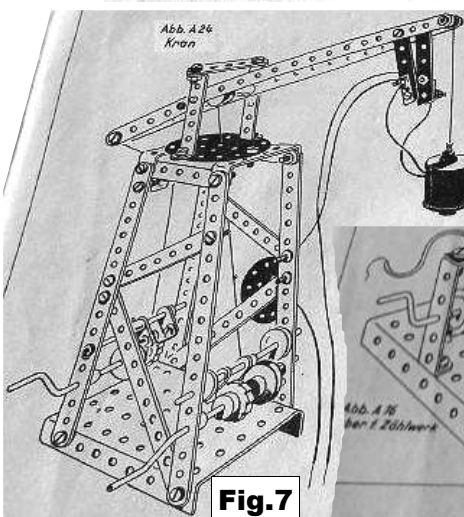


Fig.7

