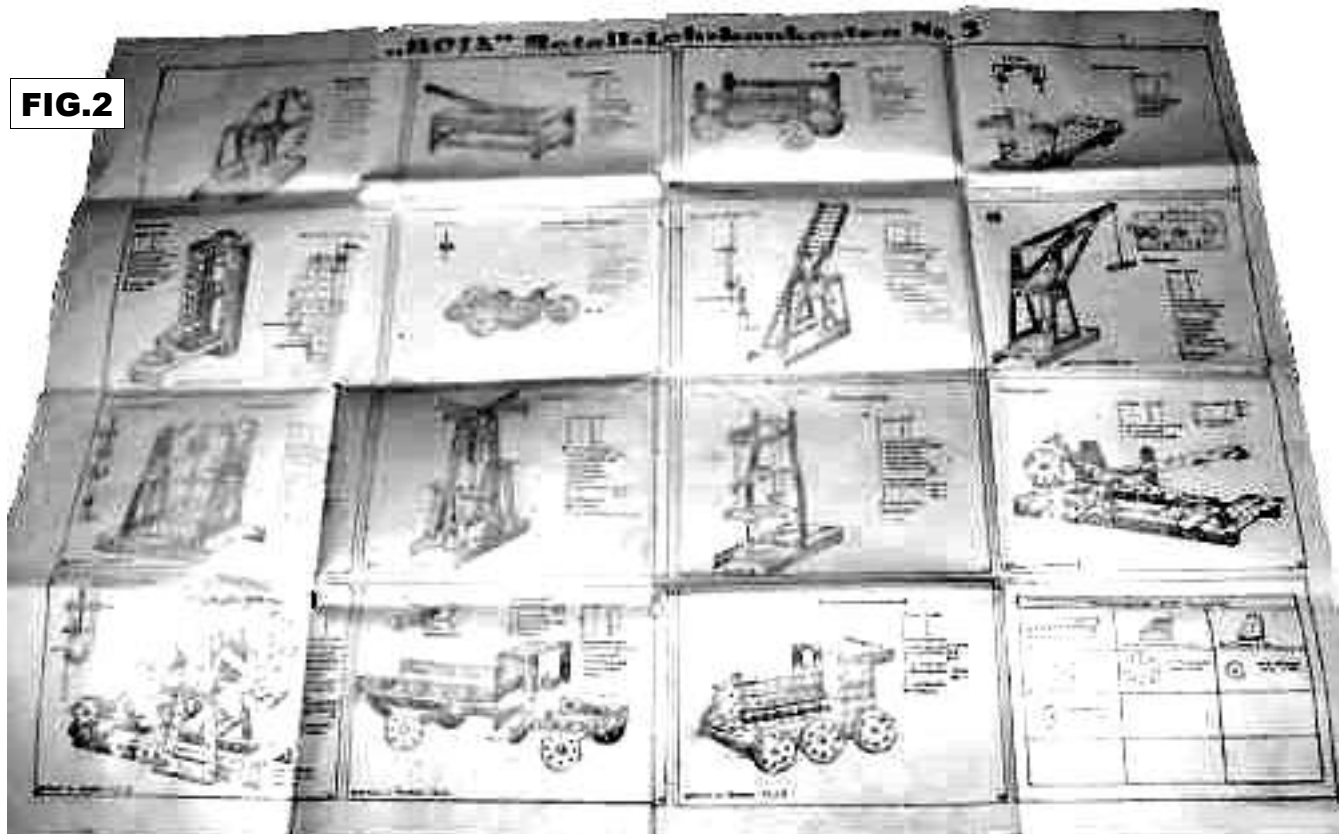
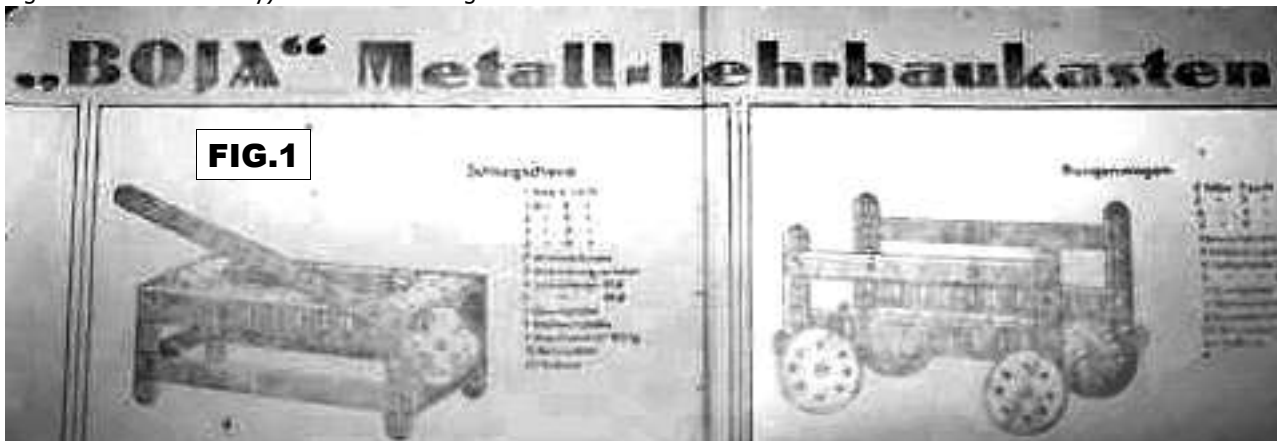


**Snippet. BOJA Metall-Lehrbaukasten** This German system is mentioned in Baukästen but with no details other than that it dates from post-1945, and may have come from Thuringia in East Germany. The poor Ebay photos below (changed to B&W for clarity) show the heading and 2 models

from the model sheet for this 'metal educational building set', and the whole sheet with the set number, 'Nr.3', after the name along the top. All that can be said is that Sheet shows a fair range of models for what was no doubt a small system with conventional parts.



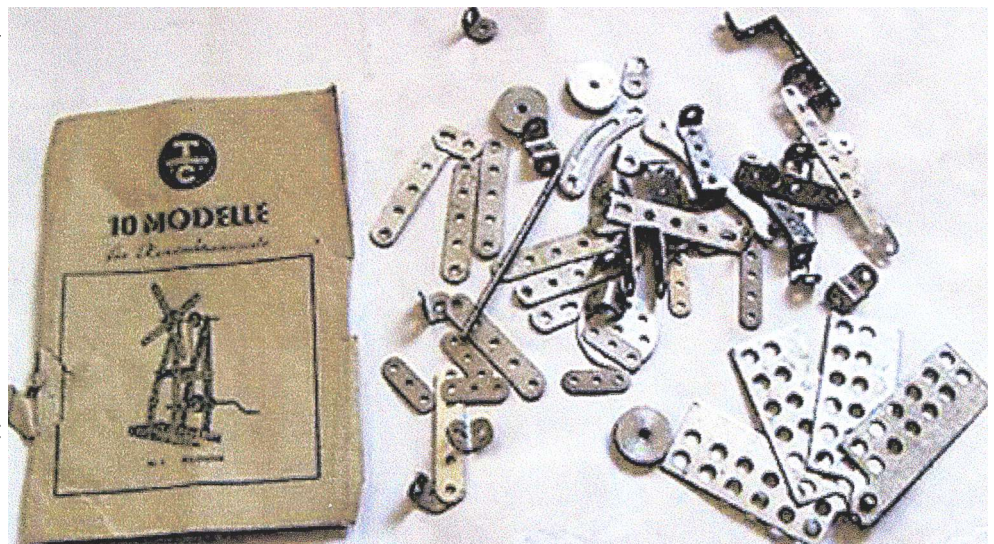
OSN 43/1319

BOJA: S1

**Snippet. KONSTRUKTIONSSPIELE?**

A KONSTRUKTIONSSPIELE (K'SPIELE henceforth) box lid was shown in 38/1134 and the manual in the Ebay photo right, said to consist of 2 sheets, carries the same T. & H. Co. logo. The name in small print under 'MODELLE' may be K'SPIELE. '10 MODELLE' is mentioned in Baukästen along with the name K'SPIELE (in OSN 38 '10 MODELLE' was wrongly said to mean 10 sets rather than models).

The parts were said to be aluminium. None of them except perhaps a Pulley and 1 or 2 Strips, could be seen in the OSN 38 mixed lot of boxes and parts, and it's not obvious that the Windmill on the manual cover includes those rather unusual Sails. So there is perhaps a slight doubt as to whether the parts 'belong' to the manual, and if so whether they are from the same series of sets as the OSN 38 outfit.



OSN 43/1319

KONSTRUKTIONSSPIELE: S2



**BOJA** A blurry model sheet from this small East German system was shown in 43/1319, and now Urs Flammer has kindly sent details of his Nr.3 outfit. It is unusual in that although some of the parts remind one of STABIL, they are much larger, with the holes at 20mm pitch.

The Set is shown right: the box is 38\*24\*3cm with its model sheet glued on top of the lid. The only indication of the set's name & size is that it says along the bottom of the model sheet that the models are built from Boja Set 3 (also that the sheet is a makeshift presentation).

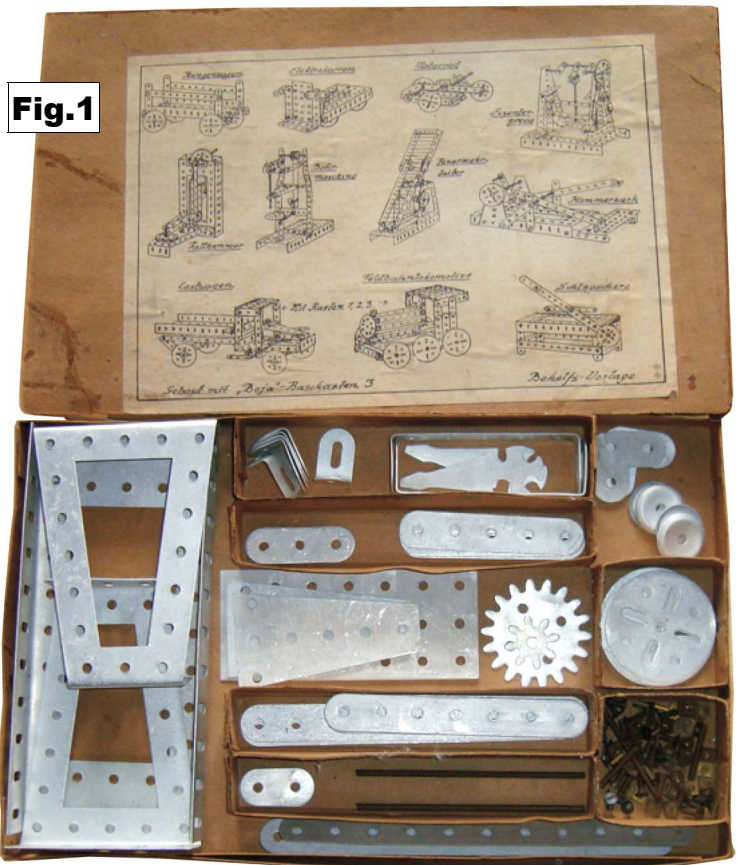
Each part is shown in Fig.2 with the diameters of the Wheel & Pulley Discs, and, apart from the N&B, the quantities in the Set if greater than one. The threaded parts (M4) are steel, the others 1mm thick aluminium. Strips are 20½mm wide with holes 5.1mm Ø. The Nuts look brassed and are 8mm A/F. The Gears have 18 & 8 teeth, and are 3 DP. They would mesh at 2h spacing.

4 of the Sheet's models are shown below (the Lorry & Loco are labelled 'Mit Kasten 1, 2, 3'). With the 20mm parts the Lorry would be some 15" long. The other models are a Railway Wagon, an Electric Truck, a Motorcycle & Sidecar, and 4 machine tools. The drawings are unclear but the Gears look to be used in the Press (Fig.3D) and possibly in one or two of the other models.

The 11 models in the Sheet were among the 15 on the OSN 43 version. The 4 additional ones are too blurry to be seen clearly but they include a Crane, and a model with a built-up flywheel, perhaps an engine of some sort. The OSN 43 sheet was probably a later version because it had lists of the parts required for the different models, and some extra views in several cases.

Urs found a reference to BOJA in the East German newspaper Neues Deutschland of 14 December, 1946. It said, under the headline Lehrbaukästen aus Eisenach [Educational Sets from Eisenach], that '10000 metal building sets, to be used as illustrative material for teaching physics, are to be made in the next few weeks by Boja GmbH in Eisenach. The 256 parts in the kit can be assembled into 20 different working models [Maschinenmodellen]. They will allow important laws of mechanics to be demonstrated.' The set would have been significantly bigger than the Nr.3.

**Fig.1**



**Fig.2**

