

KW-Metallbaukasten It is mentioned in Baukästen that Karl Wagner produced 2 sizes of KW-Metallbaukasten in Berlin around 1947, but apart from a KW logo (Fig.3), no other details are given. But now Jürgen Kahlfeldt has sent, via Thomas Morzinck, copies of 2 model sheets, and details of 2 lots of parts thought to be most of a Set 1 and most of a Set 2. My thanks to both Jürgen & Thomas.

From their PRs one sheet is from 1947 and the other from 1948. Karl Wagner, of Kottbusser Ufer 7, Berlin SO 36, is shown as the maker on both but the name KW-MetallBaukasten isn't on either – the 1947 sheet does feature the Baukästen logo, but it isn't on the later one.

Fig.1

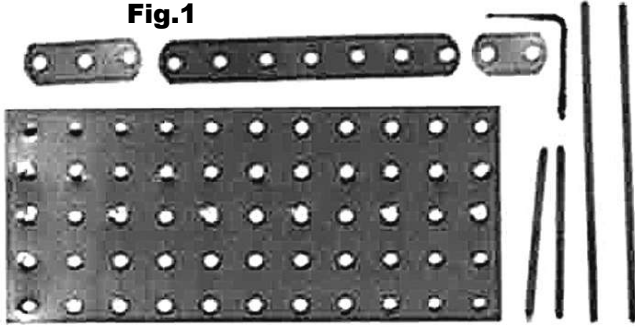
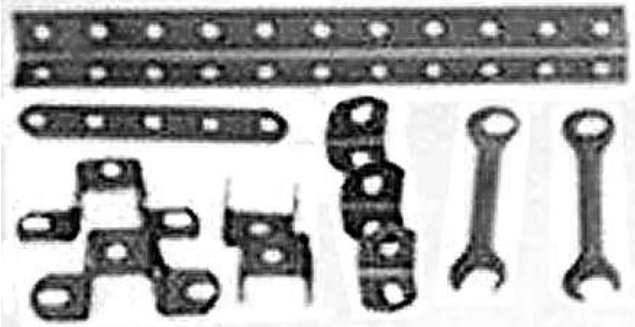


Fig.2



The PARTS All the known parts except the 15, & 22h Strips, and the 25h A/G, are shown in Figs.1 & 2. In each figure the parts are a collage of snips from larger photos (taken from overhead for Fig.1 and obliquely for Fig.2) and are not all to exactly the same scale.

All the parts are plain steel. The holes are 3.1-3.3mm at 12.5mm pitch. The thread is M3. There follows a list of all the parts with comments and, in curly brackets, the quantities found in the Set 1 & Set 2 lots (the Sets are believed to be progressive). In the Set 2 lot the thickness of the parts varies from .5mm for the Brackets to 1.0mm for the Plate – the Strips are .65mm

- **Strips** 2h {2,5}, 3h {2,0}, 5h {6,10}, 7h {2,4}, 11h {2,8}, 15h {0,5}, 22h {0,3}. 12.2 to 12.4mm wide, all with closely cropped ends.
- 1*5*1 **DAS** {2,2}.
- **A/G** 11h {2,2}, 22h {0,4}, with square corners. Is KW the only system to have 22h parts?
- **A/B** {8,10}.
- **D/B** {1,2}.
- **Double Bent Strip** {0,2} with slotted holes in the feet.
- **Pulley Disc**, 2h Ø {3,4}.
- **Perforated Plate** with square corners {1,1}.
- **Screwed Rods**: Long {2,0}, Short {2,0}.
- **Wire Handle Crank** {1,0}, a STABIL-style part.
- **Spanner** {2,0}, the ring end is cranked.

The MODEL SHEETS Both are about A4 size, printed on both sides by Heine & Weber of Berlin, & probably folded once.

The PR of the 1947 Sheet is '117, 7000.6.47 4679' and Fig.3 shows the 'front', with the logo. The small print on the left is the maker's details, and on the right 'Vorlagen für Baukasten Nr. 1 u. 2'. 6 small models are shown without mention of which set is needed for them; all could be made with the parts in the Set 1 lot except that one needs 8x 5h Strips. None of the models run on wheels.

The PR of the 1948 Sheet is '117, 2000.4.48 4679'. The 'front' now has 2 models on it and no reference to Sets 1 & 2. All the 1947 models are shown plus the two, at about the original size, in Figs.4 & 5. They are labelled that they can be made with Set 1 if the parts in the model are used slightly differently. As they stand the Press needs 8x 5h Strips and the Hoist no extra parts though 4 Pulley Discs would be desirable.

All the models were taken from a prewar Set 49 STABIL manual and the drawings are exact copies except that where appropriate the lines on top of the STABIL Flanged Plate have been redrawn to indicate that the KW Plate & 2 A/Gs should be used instead. Also some but not all of the slotted holes in the STABIL parts have been changed to round ones, and in the Hoist the words on the end of the load – W & Co. / Stabil – have been blacked out. Incidentally, in the Press the N&B needed to fasten the A/Gs to the Plate are not shown.

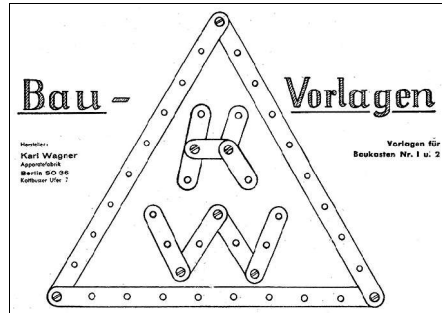
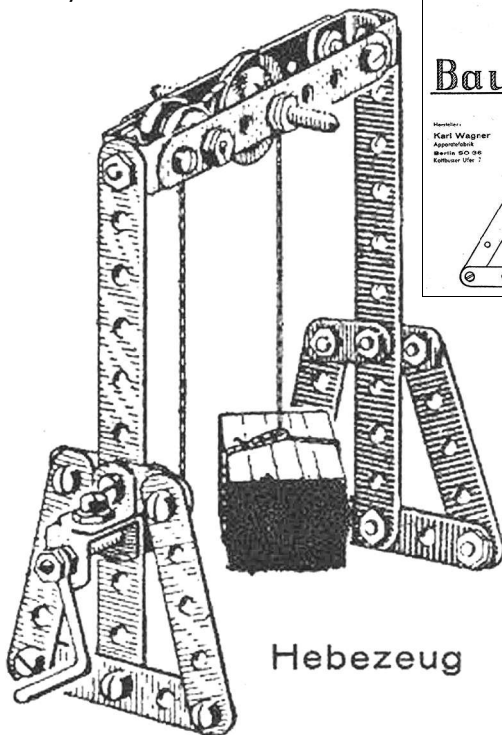


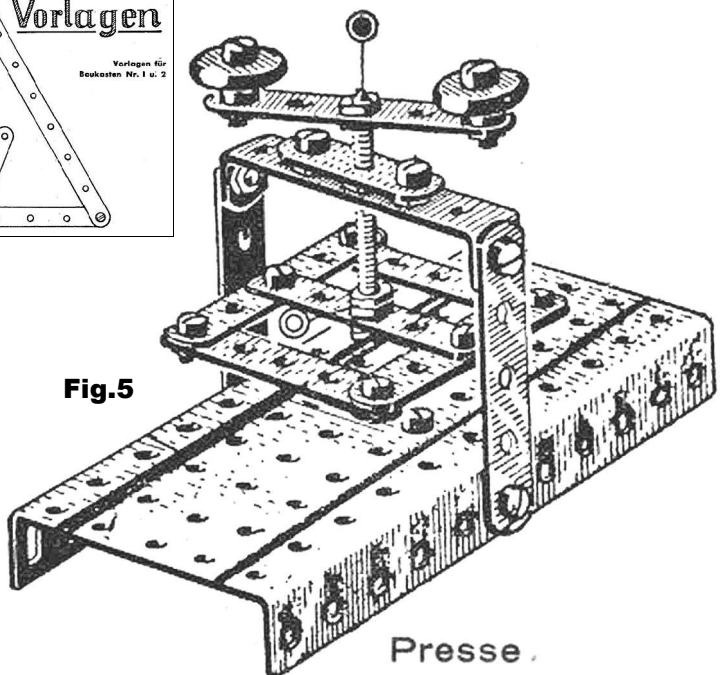
Fig.3

Fig.4



Hebezeug

Fig.5



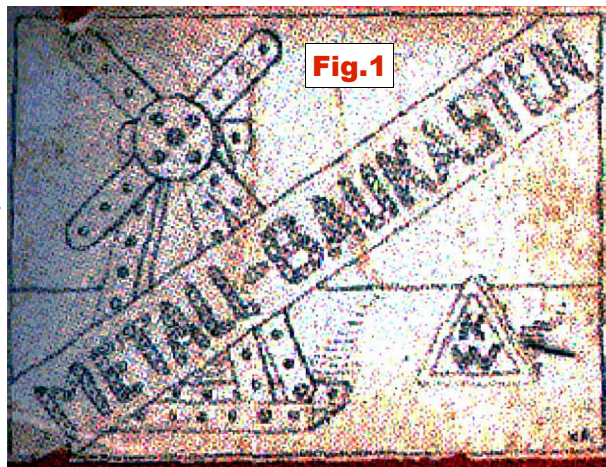
Presse

More on KW-Metallbaukasten.

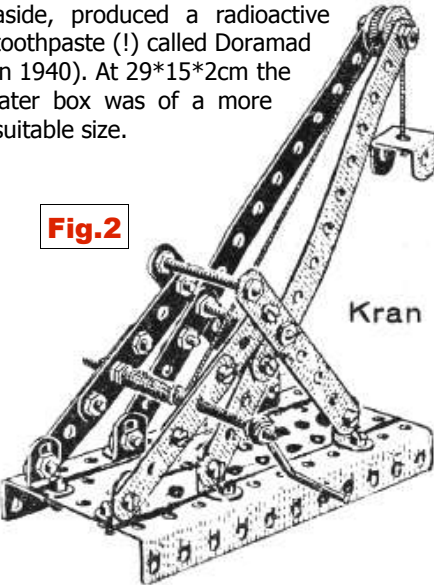
Notes on this 1947-48 system were given in 40/1198 and since then Jürgen Kahlfeldt has kindly sent more information via Thomas Morzinck. Two boxes are now known, as well as a manual from February 1947, earlier than the Model Sheets described in OSN 40.

The system's name is on the box lid label right. It can also be seen, on the smaller of the two known boxes, in Eisenzeit, Tafel 60, and in Baukästen, T216 on p219.

The Boxes The earliest measures 29*21*6cm and originally housed a WW2 gas mask made by a firm called Auer (who, Thomas mentioned as an aside, produced a radioactive toothpaste (!) called Doramad in 1940). At 29*15*2cm the later box was of a more suitable size.

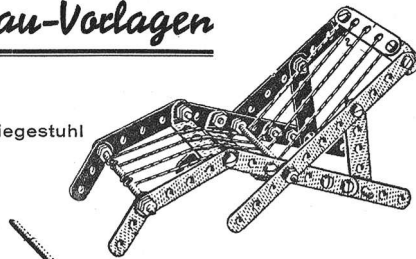


The Manual was produced by the same printer as the Model Sheets and had the same page size. Its PR was 117.200. 2.47.4679 and it had 16 pages including covers. The front cover is identical to Fig.2 in OSN 40 (but turned anti-clockwise to give portrait format, as was also the case for the OSN 40 Sheet – in each case the other sides are printed the right way up). There are 15 models, one to a page, from Sägebock (Saw-horse) to the Kran in Fig.2. Of these 8 were carried forward into the 1948 Leaflet and

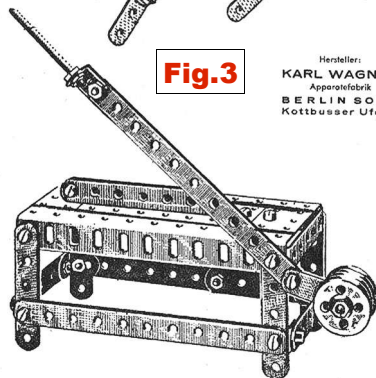


Bau-Vorlagen

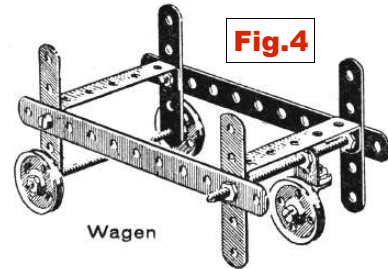
Liegestuhl



Pappschere



Hersteller:
KARL WAGNER
Apparatefabrik
BERLIN SO 36
Kottbusser Ufer 7



the others are quite simple models, a Music Stand for instance. But they do include 3 wheeled models, two 2-wheel Barrows and the Wagen above.

Returning to the OSN 40 piece, in case it wasn't made clear there, the front of the 1948 Model Sheet is shown left.

Finally Kottbusser Ufer, the street in KW's address, is now Paul-Linke-Ufer. It is little more than 1km from Harzer Straße, STABIL's home.

OSN 47/1451

KW METALLBAUKASTEN: S2

'New' System: METALL BAU

KASTEN H O. Thanks to Urs Flammer and Jürgen Kahlfeldt some details of this small German, system, possibly from the DDR. The box, right & below, measures 227*161*23mm. Perhaps the load on the Crane indicates that the Set is a Nr.0, or more likely it is a logo based on 'H O' – if so does anyone recognise it?

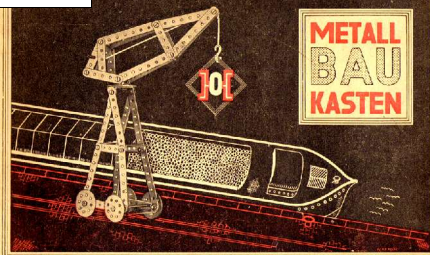
The parts are made of aluminium with 4.5mm holes at 12.0mm pitch, and the thread is M4.

The 11 parts are: Strips 2,3,5, & 8h; an A/B; 1*3*1h & 1*5*1h DAS; an 8-hole Wheel Disc; a Screwed Rod about 7cm long; a large hex Nut; and a long roundheaded Bolt with a reduced diameter smooth end.

The Model Leaflet in Fig.3 is printed on one side only.



FIG.1



Bauvorlagen

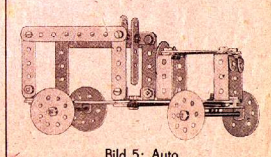
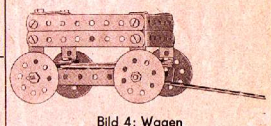
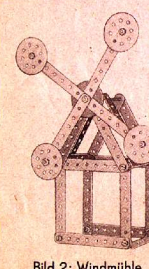
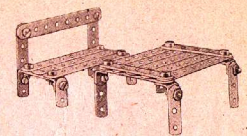
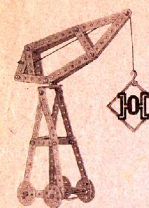


FIG.3

The unusual Bolt points to a period soon after WW2 when it was no doubt the best of what was available.

OSN 47/1451 (the last page of OSN 47)

METALLBAUKASTEN [7]: S1