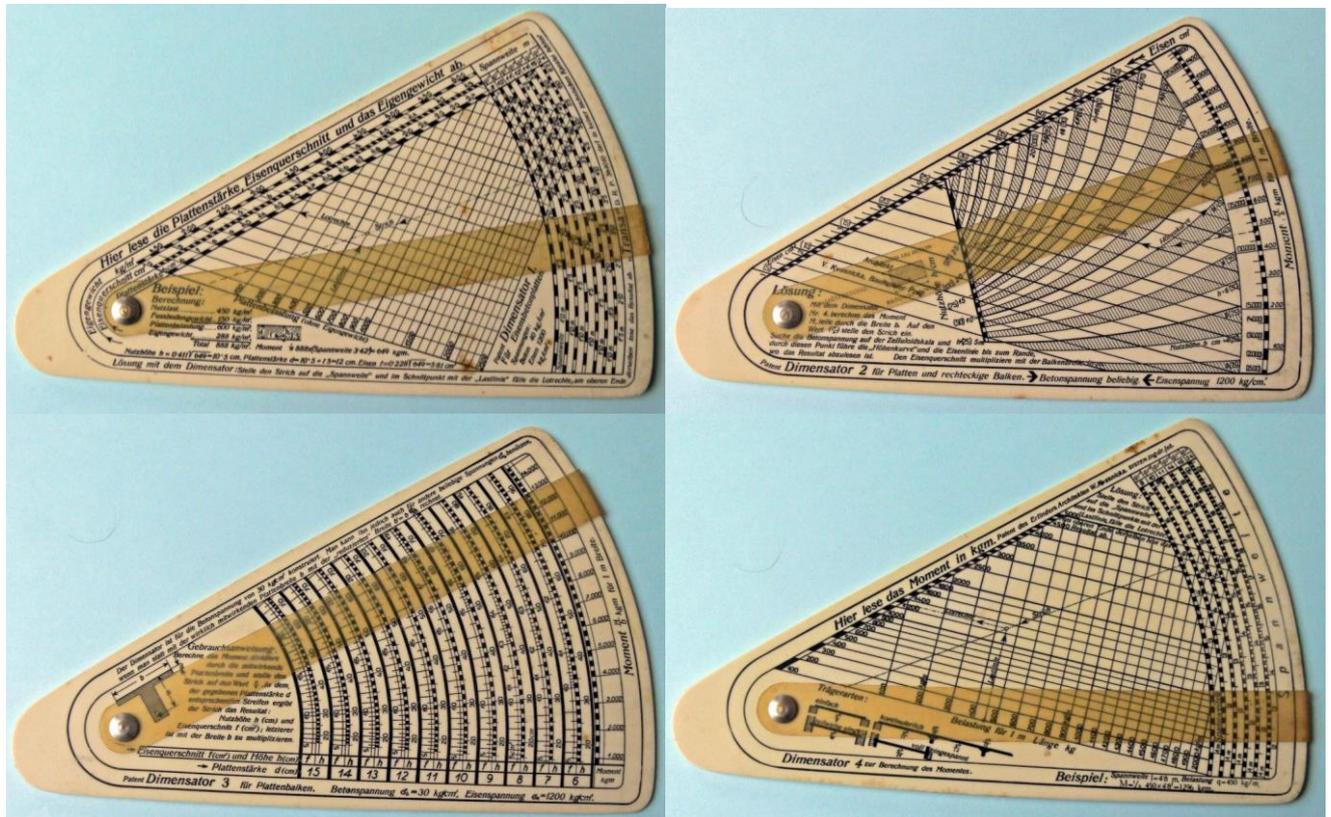


**TITLE:** 2-SET SLIDE RULE FOR REINFORCED CONCRETE AND REINFORCED CONCRETE BEAMS – “MICHAELIS SECTORS”

**Owner:** D.G. Rance (now Gunter Kügel)

**Pictures**



**Purpose of the Slide Rule:**

This set of two perpendicular line segment duplex slide rules are specialist slide rules for performing the calculations needed to determine the desired mix for reinforced concrete i.e. the required mix of metal (usually steel) and concrete.

**Dimensions:**

- **Bases:** 188 mm (diameter) x 118 mm x 2 mm.
- **Cursors:** 156 mm x 15 mm x 4 mm

**Material:**

- **Base:** a “delta wing” of hard white plastic with nomograms, scales and instructions printed in black ink.
- **Cursor:** single strip of opaque brown plastic folded/looped around the base, with a single black hairline and riveted to a single anchor point. One cursor also has the words NAPĚTÍ BETONU – which appears to be of Czechoslovakian origin.
- **Finishing:** a coat of clear varnish.

**Layout and scales:**

- **Slide Rule 1:**
  - **side 1 - Dimensator 1:**  
a nomogram and two sets of scales
  - **side 2 - Dimensator 2:**  
a nomogram and two sets of scales
- **Slide Rule 2:**
  - **side 1 - Dimensator 3:**  
two sets of scales
  - **side 2 - Dimensator 4:**  
a nomogram and two sets of scales

**Remarks:**

- No manual but some instructions are printed on the rules.
- The name “Transa” and D.R.P. 364010 appear on Dimensator 1 but unfortunately, so far, no record of either the name or the patent can be found. A patent, DE364010, does exist but it does not appear to have anything to do with this 2-set slide rule for reinforced concrete.

**Designer:** Michaelis.

**Manufacturer:** No information, but it is probably German and is well made. Perhaps the picture on the thin black cardboard case will mean something to somebody?

