



UNIVERSITÄTS-  
BIBLIOTHEK  
PADERBORN

**Vorlagen für den gewerblichen Fachunterricht an  
technischen Lehranstalten insbesondere an  
Gewerbeschulen**

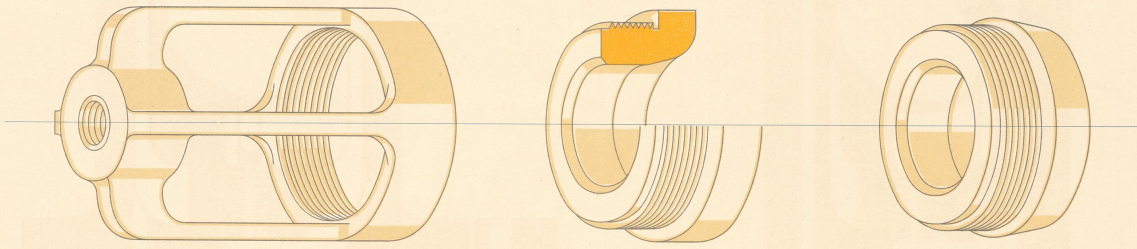
**Kircher, Philipp**

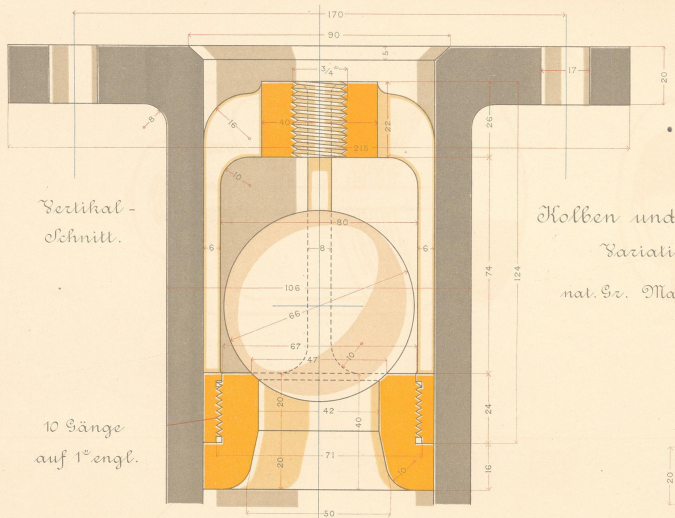
**Karlsruhe, [1886 - 1889]**

6. Kolben und Ventile (Variation).

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[urn:nbn:de:hbz:466:1-97992](https://nbn-resolving.org/urn:nbn:de:hbz:466:1-97992)

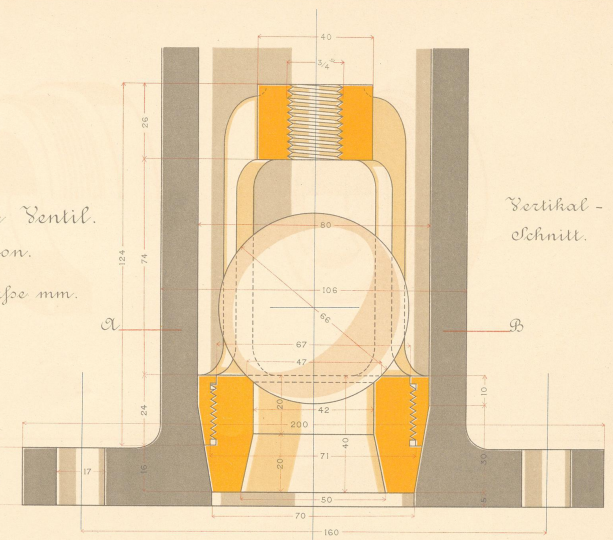




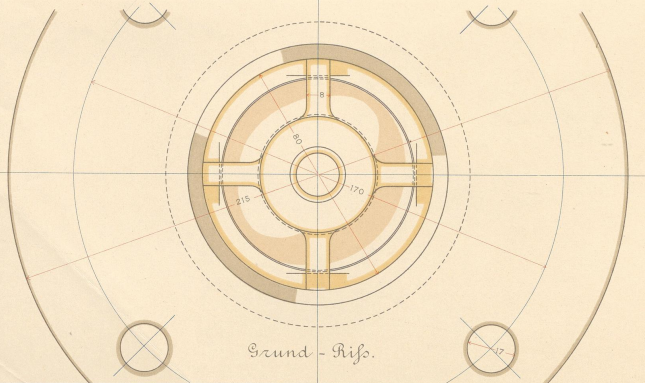
Vertikal-Schnitt.

10 Gänge auf 1° engl.

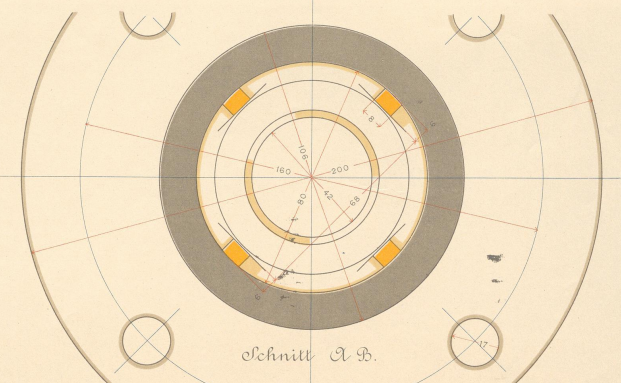
Kolben und Ventil.  
Variation.  
nat. Gr. Maße mm.



Vertikal-Schnitt.



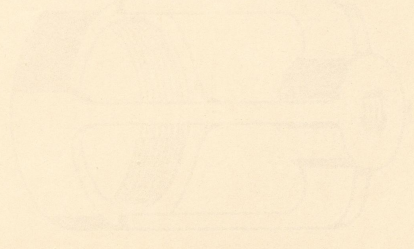
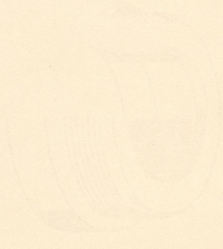
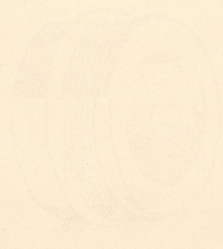
Grund-Riss.



Schnitt A B.

Wohnort und Datum.

Namen.



5K438  
K 2/11



06  
1576  
1149