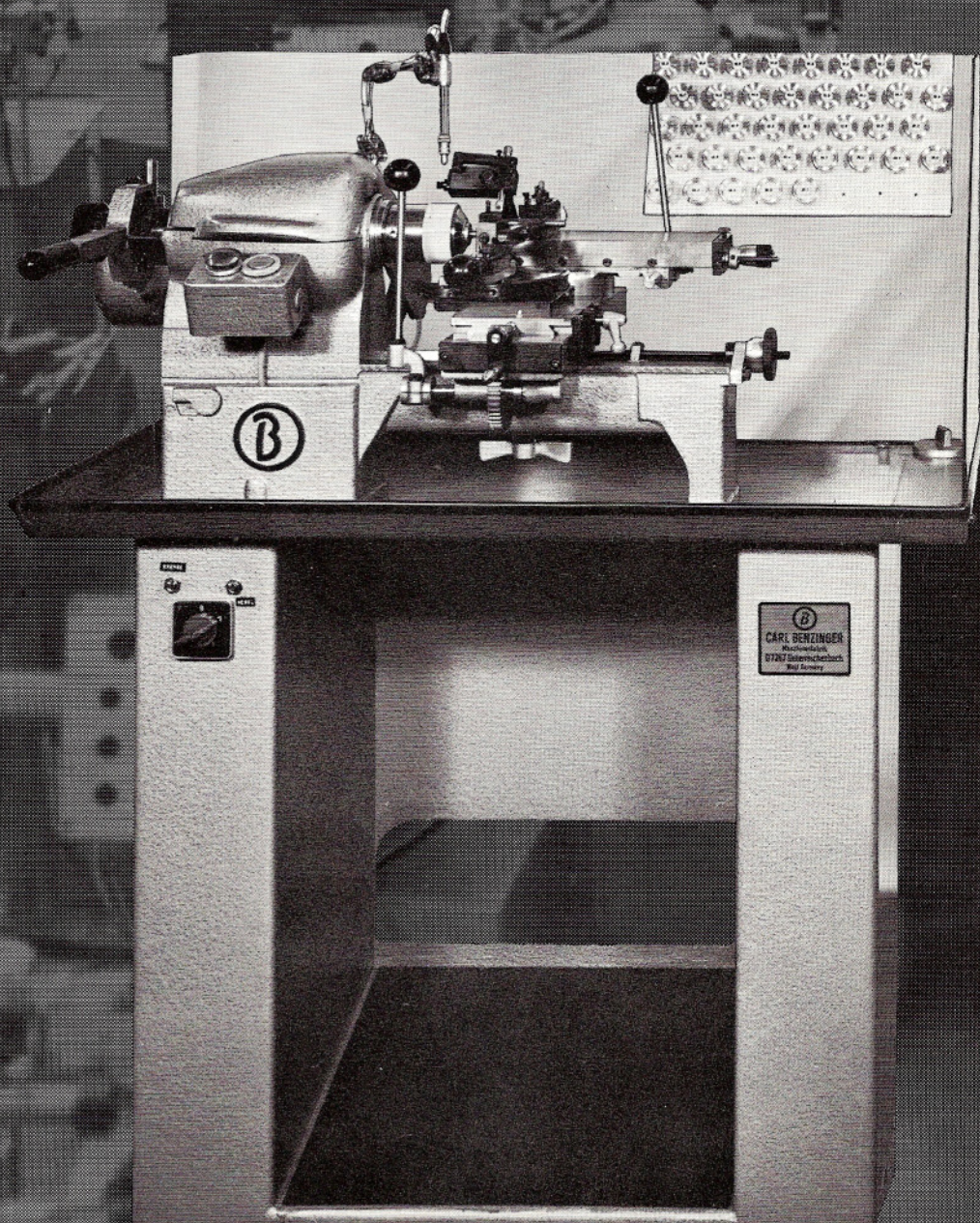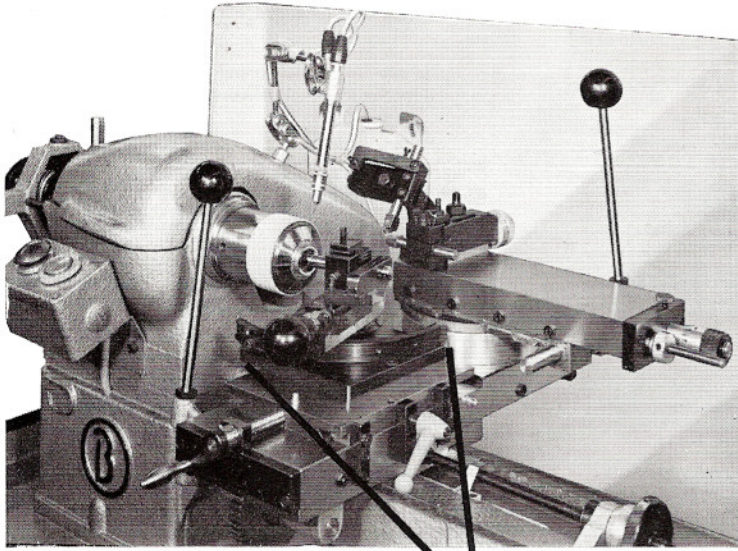# CARL BENZINGER

PRÄZISIONS - MASCHINENBAU

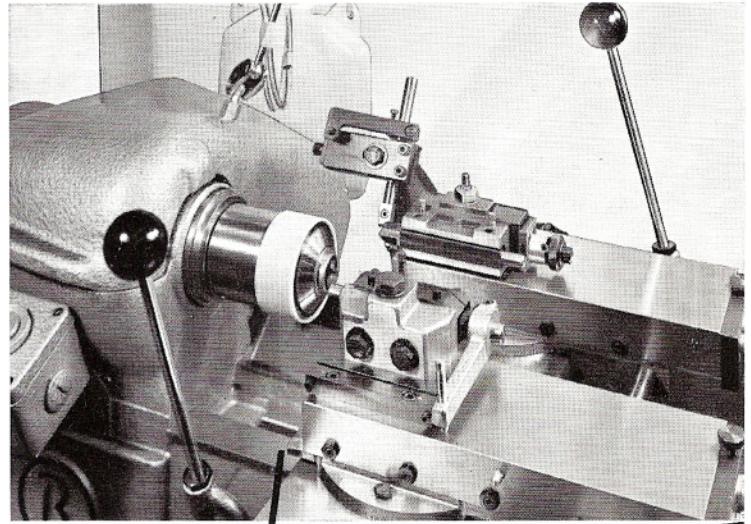**Wedding Ring Turning Lathes
with Diamond Tools**

INSIDE TURNING

Machined are the insides, cylindrically or radiused as well
as the sides and the chamfer between the 2 machined faces.
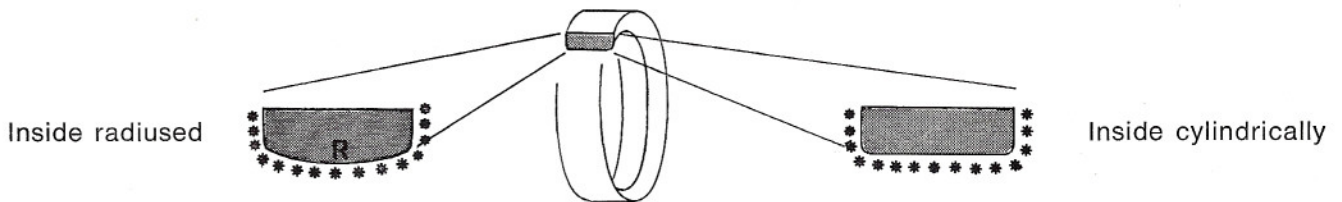
R-3D

3D

By exchanging the front radius slide of **R-3D** against the front longitudinal slide of **3D**,
type R-3D allows the machining of the inside of wedding rings cylindrically.
Front slides exchangeable by loosening 2 screws.

Machining possibilities offered by slides R-3D and 3D resp.

* Diamond Polish turning using 3 diamond tools in the same setting.

Inside radiused

Inside cylindrically

Radius R adjustable from appr. 30—50 mm (appr. 1/8"—2").

Ring sizes and width of ring are set on separate dials.
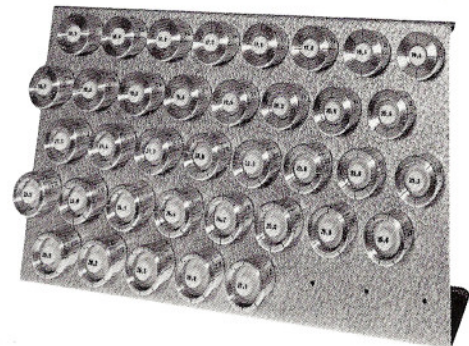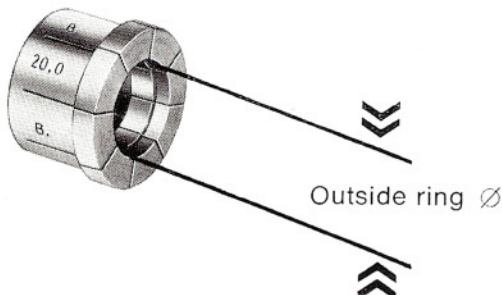»NO MEASURING REQUIRED«
The dials showing the ring sizes are graduated in any system required.

Reduction sleeves for clamping of blanks from the outside.
»Quick clamping attachment«
Normal capacity appr. 16—27 mm ⌀ (appr. 5/8"—1 1/8" ⌀).

One set consists of 37 reduction sleeves on tray.

Outside ring ⌀

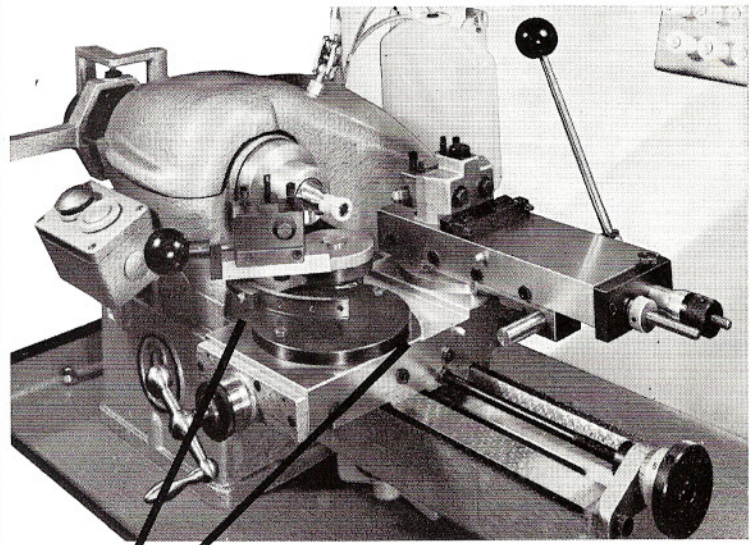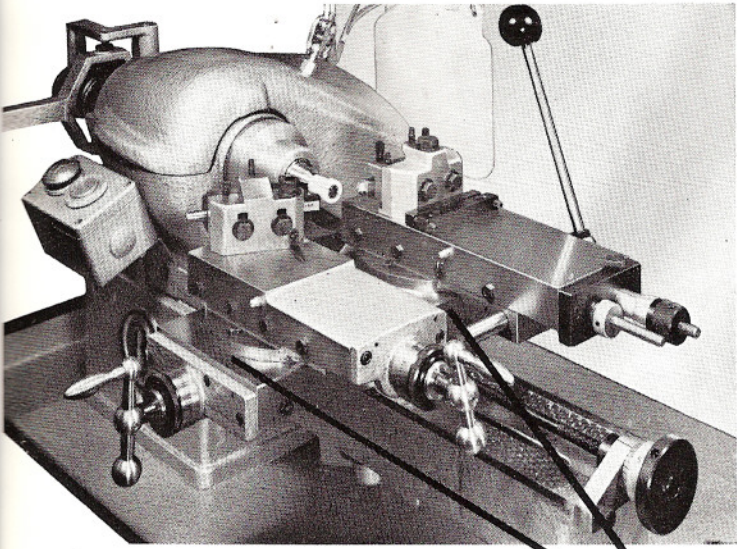## The machines can be adapted for machining of bangles

Spindle stock with precision bearings, with brake, quick clamping attach
Pneumatic mist coolant attachment. Electrically linked to start and stop

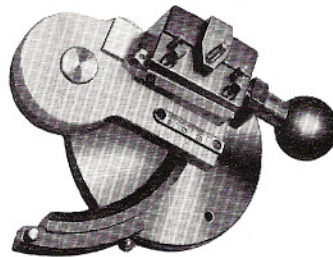# OUTSIDE TURNING

KKsH   with radius slide
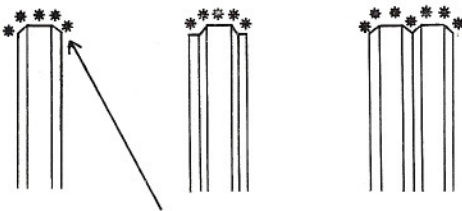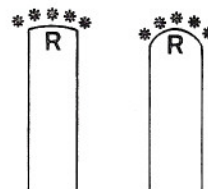

Radius slide

slides exchangeable
by loosening 2 screws.
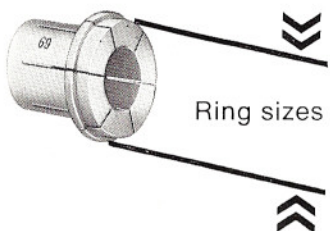
Examples of machining: diamond polish turned *
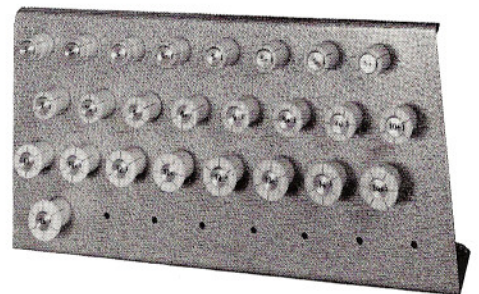

Variable by means of dial

Radius R adjustable from appr. 2—25mm
(appr. .080"—1.00")

Quickly exchangeable split bushes with and without shoulder for internal clamping of the rings.
»Quick clamping attachment«. One set of split bushes cn tray with ring sizes engraved.

Ring sizes shown in any system required

ment hand lever operated. Toolholders for diamond tools.
of spindle. Operated by electric valve. Built-in compressor on request.