



UNIVERSAL TOOL

for all large types of cylindrical objects

The innovative universal tool has been designed for the high-precision production of all large types of cylindrical objects (bushings/motor housings) with different clinch mechanisms.

„Gentle“ forming operations by means of movable bending punches are responsible for outstanding circularity tolerance values.

- optimal force introduction
- short tool path
- no compression of expansion bends

For final calibration, the tool can be combined with a patented Bihler ring press in order to reach even better circularity values. Depending on the blanking and coining requirements, the universal tool can be integrated into the Multicenter MC 120, the COMBITEC CC 1 or TWINTEC machines.

Technical Data

- four toggle slides with a nominal force of 160 kN
- Forming tool (circular forming + precalibration → reduced tool costs)
- Internal diameter of 80 mm or more, max. external diameter 150 mm
- Max. strip width 125 mm
- High quantity: 60 – 80 parts per minute
- Patented, new ring press for end calibration (optional)
- Minimum setting-up times

(subject to change without notice 03/10)

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