

# HLT 250

## High-performance linear tools

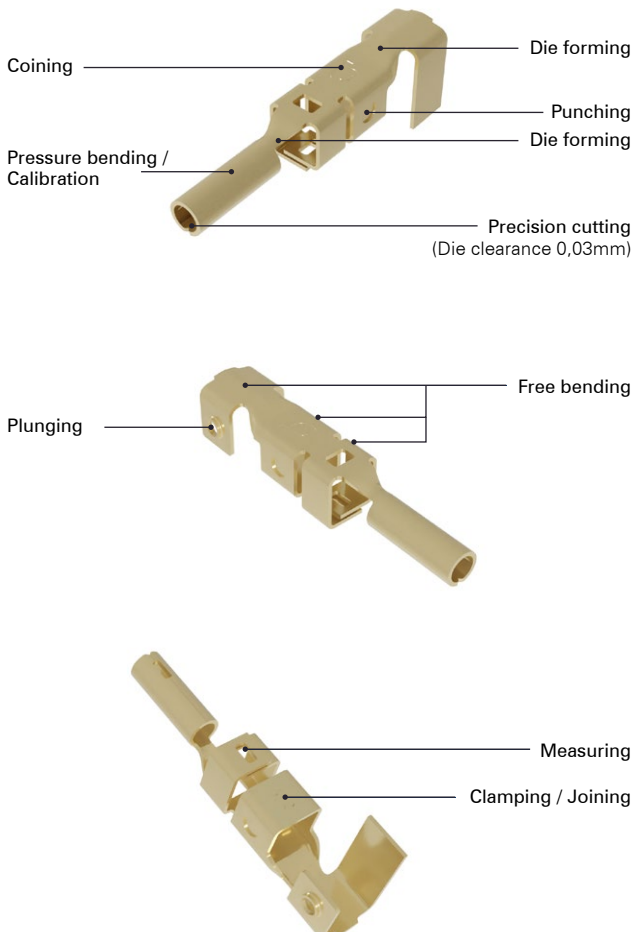
With the new high-performance linear tools, you increase your component quality even further. The compact modules are designed for cycle rates of up to 500 1/min. and large to very large batch sizes, as well as continuous runners. They impress with their particularly high rigidity and robustness. Even under extreme loads with forces from three sides, the displacement from tool to machine is max. 0.022 mm. Due to the new design of the tool frame, the offset of the tool active elements is max. max. 0.008 mm. All this allows a particularly high, constant precision in the forming process.

The high-performance modules are designed for strip thicknesses from 0.1 to 1.0 mm and many other processes such as free bending, die bending, die beading, roll bending, bend straightening, full embossing, hollow embossing, collar drawing, push-through, cutting and trimming. At the same time, the modules remain an open system with the proven free accessibility to the active parts and underlays of the Bihler linear tools. Via uniform interfaces and by means of zero-point clamping systems with automatic clamping function, the modules are also set up very quickly and with 100 percent reproduction.

**BIHLER**

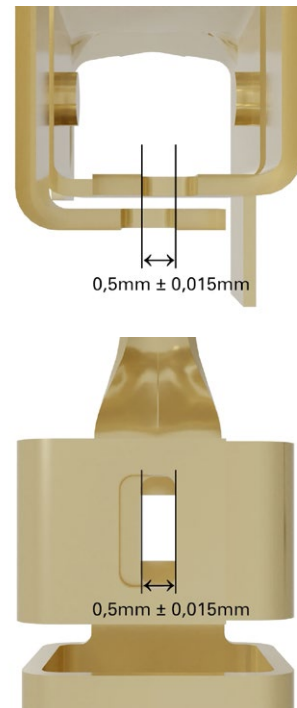
# FEATURES

<b>Cycle rates:</b>	LM 2000-KT up to 500 1/min.
<b>Applications:</b>	large to very large batch sizes, continuous operation
<b>Highlights:</b>	<ul style="list-style-type: none"><li>– particularly high rigidity and robustness</li><li>– displacement machine-tool max. 0.022 mm (forces from three sides)</li><li>– constantly high precision in the forming process</li><li>– free accessibility</li></ul>
<b>Material:</b>	strip thicknesses from 0.1 to 1.0 mm
<b>Processes:</b>	forming, free forming, die forming, die beading, roll forming, bend straightening, full coining, hollow coining, collar drawing, push-through, tenon pressing, cutting and cut-off
<b>Set-up:</b>	Module change < 10min und zu 100 Prozent reproducible
<b>Functions that can be integrated:</b>	Strip separating within a module for quick disassembling, release for free accessibility to the process, free accessibility from the outside for service and maintenance of all relevant tooling parts (e.g. spring boxes, spacer plates, bending punches).



## Application example

- Many procedures according to DIN 8580
- High degree of standardization
- High precision



**Scope of delivery:** We advise and support you in designing. You will receive usage information, the output of the CAD file formats, so that you can comfortably use the tool technology HLT 250 on your machines.