

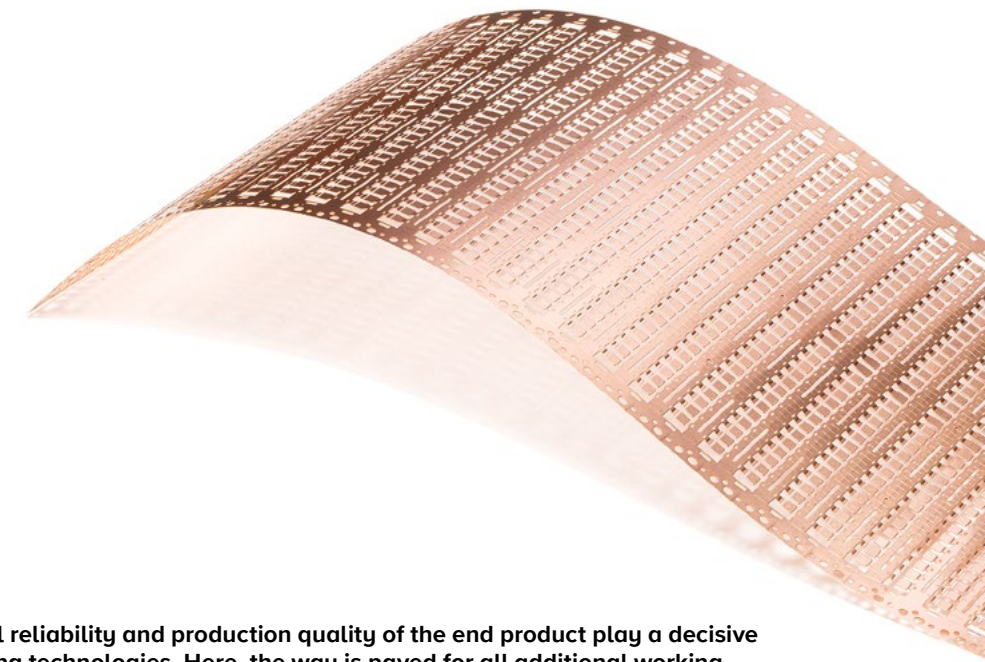


DIEHL
Metal Applications

PRECISION STAMPING



**NUMBER
OF STROKES
PER MINUTE: 100–1,400**



The functional reliability and production quality of the end product play a decisive role in stamping technologies. Here, the way is paved for all additional working steps. That is why Diehl Metal Applications demands uncompromising precision when it comes to its stamping technology, and achieves this using highly developed production processes with optical, electronic and acoustic monitoring.

More than 70 high-performance stamping machines from leading manufacturers such as BRUDERER as well as tools with special tool protection systems guarantee our customers high quality and delivery reliability.

Depending on customer requirements and specifications, special cleaning processes can also be applied. In addition, our packaging enables us to provide your products in the correct position and in the right quantity.

Furthermore, all stamped parts can be provided with various electroplated surfaces from in-house production – partially or completely.

**PRESS FORCES:
18 TO 110 TONS**



MATERIAL WIDTHS UP TO 200 MM

We produce more than 7 billion stamped parts per year made of copper or alloys thereof, as well as steel, stainless steel, aluminum and special alloys.

Upon customer request, we supply precision-stamped parts on coils, free-falling or taped – according to deadline and just in time. Our production spectrum also encompasses bandoleered pins, pins and tabs, stamped parts with spring contacts, leadframes, stamping grids, insulation-displacement contacts and contact parts with press-fit zones.



MATERIAL THICKNESS 0.06 TO 4 MM



TOOL & STAMPING CENTER

The tool & stamping center is equipped with various state-of-the-art machines and profits from long-standing experience in manufacturing sophisticated tool and fixture concepts. Thus, we can offer optimum process and product development at any time, enabling us to provide small pilot quantities, prototypes and large volume serial production in an economic way.

- Sinking & wire erosion machines
- CNC milling and drilling centers
- High-speed milling centers
- Grinding machines, surface & profile grinding machines
- Coordinate grinding machines
- 3D tool measuring equipment



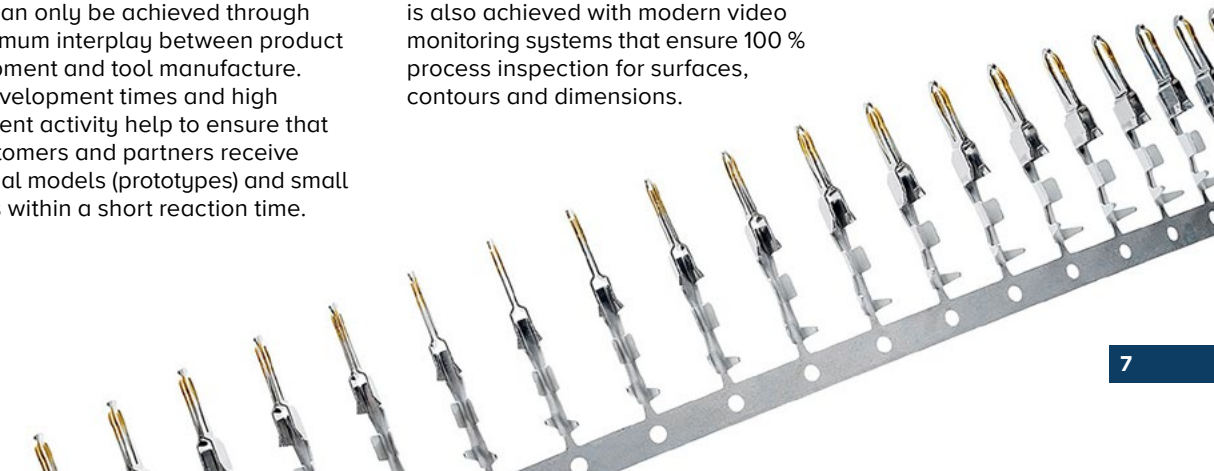
INNOVATION AND QUALITY

Research & Development

In stamping technology, precision, production reliability and production speed can only be achieved through the optimum interplay between product development and tool manufacture. Brief development times and high investment activity help to ensure that our customers and partners receive functional models (prototypes) and small batches within a short reaction time.

Quality

Besides checks carried out by the machine operators, quality control is also achieved with modern video monitoring systems that ensure 100 % process inspection for surfaces, contours and dimensions.



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