

# Stamping techniques

**Stamping techniques: creation of sheet parts made of different materials.**

**Materials:** various steels (from St14 and stainless steel to micro-alloyed material; aluminium alloys, copper alloys / brass.)

**Processing techniques:** individual tools (customer-specific) and stamping techniques without customer-specific tools (nibbling machines and pre-defined tool combinations).

As a specialist for shims in the spacer-element sector, we can produce sheets from 0.01 mm thick up to several millimetres thick.

Georg Martin GmbH also combines stamping techniques with drawing and forming methods used in sheet-forming. Workpieces are processed into products and component assembly and then undergo further processing:

## **Examples:**

- flame-spraying
- precision machining
- component assembly
- bluing
- welding
- surface treatment as well as heat-treatment processes by partners.

Products are manufactured through customer drawings and with the support of our own prototype shop.

## **Lot sizes:**

Pure stamping techniques are normally used to manufacture products with lot size starting from one item. On the other hand drawing and stamping techniques are suitable for the manufacture of sample parts, pre-production, small and large series.