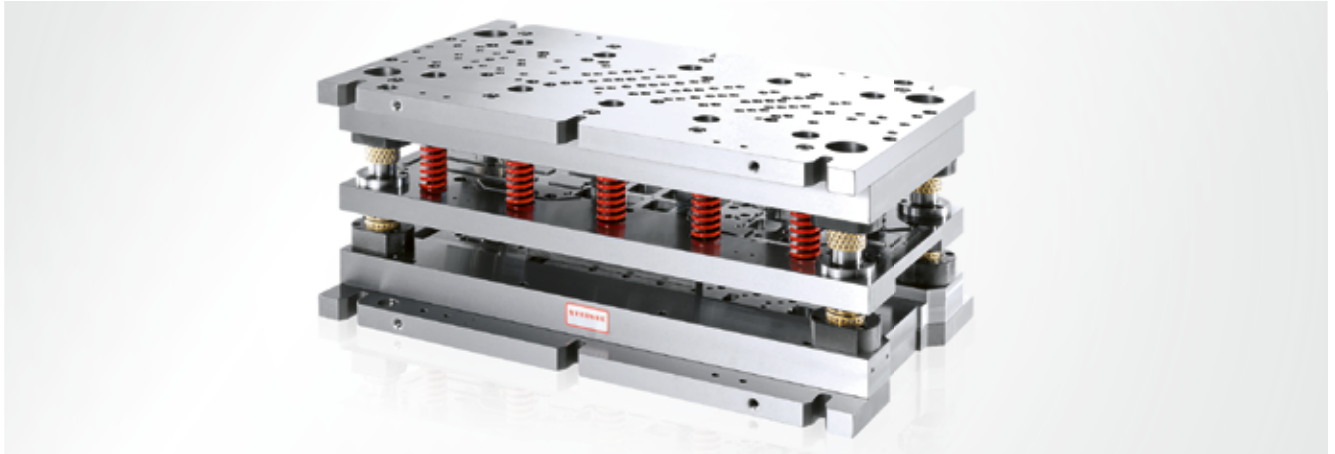


Die sets

Special designs



Die sets and plates can also be manufactured according to your own specifications. The plates are, depending on their size, plane-parallel ground (up to 2000 x 1000 x 350 mm) or precision-milled (up to 1500 x 350 mm).

At our production locations, we can quickly produce die sets matching your tool concept. We prefer processing low-tension annealed 1.1730 (C45) and the high-strength aluminium alloy EN AW 7075 (AlZnMgCu1.5). Upon request, we also process materials such as 1.2312 (40CrMnMoS8-6) and TOOLOX.

For us to be able to respond to your questions quickly and succinctly, please send us your data in STEP or DXF format.

Measuring and testing

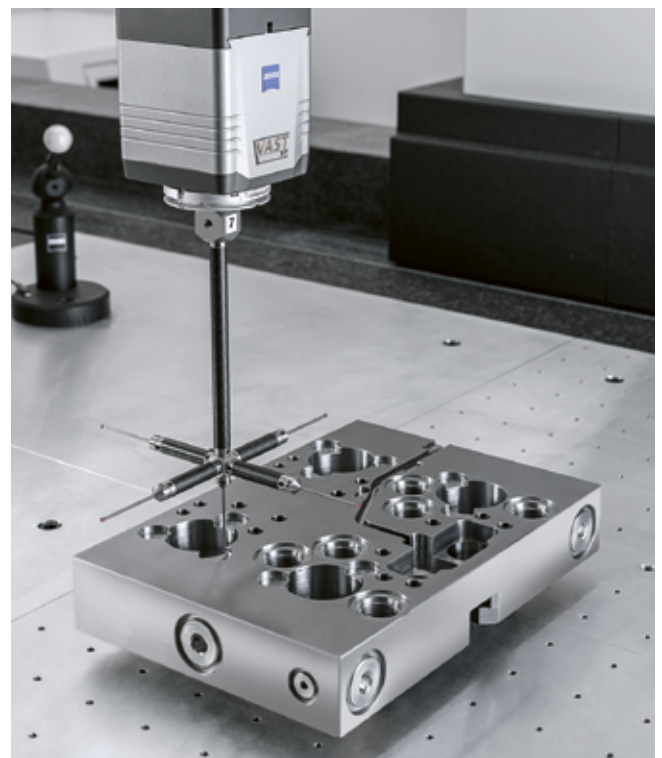
State-of-the-art measurement machines allow us to measure and document parts to the highest degree of precision.

	ACCURA II 8	MICURA
Measuring range	1200 x 1800 x 800	500 x 500 x 500
Deviation in length	E = 1.9 µm (Tolerance = 9.5 µm at 2300 mm space diagonal)	E = 0.7 µm (Tolerance = 3.5 µm at 866 mm space diagonal)
Resolution	0.20 µm	
Table load	2000 kg	280 kg

Customer-specific measurement protocols can be created upon request.

STEINEL machining service

	Length	Width	Height
Water jets	2000	1500	150
Plasma nitriding	2000	1500	350
Deep-hole boring	2000	1500	350
Wire EDM	500	350	256
Flat grinding	2000	1000	350
Milling	2000	1500	350
Jig grinding	1300	800	350
Tapping, thread cutting, milling	2000	1500	350



Guide units

Active elements

Spring elements

Nitrogen systems

Tapping units

Module system

Machine elements

Accessories