

ElroForm™



GENERAL FUNCTION

ElringKlinger develops and produces single-layer sheet metal parts. These are available in different materials and thicknesses. ElroForm can be used as shielding components, sheet metal inlays for cross car beams or for batteries and associated components.



STANDARD CARRIER LAYER MATERIALS

- Stainless steel (0.2 mm – 3 mm)
- DX53-56 (0.2 mm – 3 mm)
- DC04-06 (0.6 mm – 2 mm)
- Aluminum (0.2 mm – 3 mm)



APPLICATIONS

- Single-layer formed sheet metal parts
- Shielding components (break disc shieldings, oil shieldings)
- Structural metal inlays for cross car beams
- Battery covers (multi-layer design also available)
- Other battery components





OPTIONS

- With safety edge
- Embossed
- Perforated
- Tailored electromagnetic capabilities
- Attachment and decoupling features



WORKING TEMPERATURE

Maximum 1.100°C (depending on material).



ELRINGKLINGER – YOUR PARTNER FOR SINGLE-LAYERED FORMED SHEET METAL PARTS

Full service supply on a global scale: Project management – Design – Simulation – Part development – Test & Validation – Ramp Up Management – Production



YOUR CONTACT

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