



GKN MIM APPLICATIONS

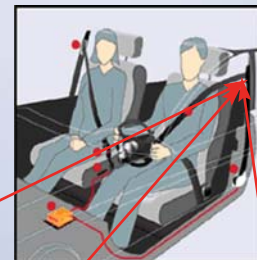
Prod. Group No. 5160



Seat Components

- Support of component design using the full potential of MIM technology
- Technical support helping customers with the development of new products. This includes methods such as feasibility studies, simulation tools, FEA analysis and FMEA
- Close dimensional and positional tolerances
- Excellent surface finish
- 100% optical inspection if required
- High precision and reliability
- Near net-shape manufacturing process

Levers
Axes
Lift Levers



GKN MIM APPLICATIONS

MIM Components for Seats

- Reproduceable as-moulded geometries
- 3-D complexity
- Isotropic small-grained microstructure
- High ductility and fatigue strength
- Lower weight possible due to optimised design
- High component strength and hardness is cost effectively achieved using MIM technology
- Verification of component design using FEA analysis, simulation tools, prototype manufacture and FMEA
- Conversion from machining to MIM reducing weight and costs



Lever for a lock system

multi-functional MIM component
(locking and visualization function)
in an assembled unit

