



## GKN PASSENGER SAFETY APPLICATIONS

Prod. Group No. 5400



### Stainless steel components for passenger restraint systems

- Support of component design using latest technology CAD software
- Technical support to aid customers with new product development. This process incorporates tools such as feasibility studies, simulation tools, FEA analysis and FMEA
- Close dimension and position tolerances
- Precise chamfer geometry
- 100% optical inspection if required
- high precision and reliability



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### PM components for seat belt systems

- Highly ductile components produced using proprietary powder alloys
- High component strength is cost effectively achieved using advanced PM techniques (warm compaction)
- Complex component geometry is enabled using “state-of-the-art” technologies (CNC press controls and multi-level die sets)
- Statistical capability for close dimension and position tolerances
- Customer design support using latest technology CAD software
- Verification of component design using FEA analysis, simulation tools, prototype manufacture and FMEA

### Seat Belts

