

Shafts, Sprockets & Gears

Magna designs, develops, tests and manufactures a wide variety of gear and shaft products for transfer cases, transmissions and eDrives.



Features and Specifications

- Rotary forged hollow shafts for weight savings
- Complex machining and integration of precision geometry and tolerances
- Laser welding expertise allowing high carbon steels to be joined to different materials
- Helical broaching of ring gears
- Integral park gears if required

Competitive advantage/differentiators

- Gear cutting and forming experience with hobbing, shaving, honing, grinding, rack rolling, broaching, gear shaping and scudding
- Experienced in hobbing and shaving of beveloid gears
- In-house heat treatment (carburizing, induction heat treatment)
- In-house design capability and durability & UTS test capabilities
- Complete machining and assembly capability

Applications/benefits

- All passenger cars, SUVs and LCVs
- Immediately available
- Currently in production

SOP

