

Cast Iron Differential Assemblies

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Features and Specifications

- Magna Powertrain has a long history of machining differential housings and complete assembly of 2- or 4-pinion differentials
- As a supplier of complete eDrive systems we are aware of the increased demands on differentials for BEV applications and have adapted our engineering and manufacturing
- Magna Powertrain offers a modular Differential-Kit consisting of 2- and 4-pinion designs to cover a wide torque range, while utilizing common components to reduce piece price and development cost

Core Technology

- Extensive experience with laser-welding of ring gears to differential housings to reduce packaging and weight
- Also experience with bolt-on solutions
- In-house engineering and manufacturing expertise ensure excellent gear manufacturing skills leading to best-in-class NVH behavior

Applications/benefits

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

SOP

Ideation

Discovery

Concept

Development

Serial Preparation

in Production