Spur Gears Set

Company: mG miniGears SpA

Application Sector: Automotive – Brake adjustment

Requirements: High teeth precision versus the hole.

Benefits: High production rate. Cost effective solution due to the particular holes shapes.

Final weight: gear 40 g – pinion 14 g
Product tensile strength: gear 940 MPa – pinion 940 MPa
Saturation induction: NA
Maximum permeability: NA
Coercive force: NA
Resistivity: NA

Process steps: Gear: Compacting – Sintering – Heat treatment - Tumbling
Pinion: Compaction – Sintering – Heat treatment – Tumbling