

Spur Gears Set

Company: mG miniGears SpA

mG
miniGears

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

