Straight Bevel Gear Set

Company: mG miniGears SpA

Application Sector: Power Tools

Requirements: High tooth strength. Precision on tooth profile geometry.


Final weight: crown gear 86 g – pinion 12 g
Product tensile strength: crown gear 730 MPa – pinion 940 MPa
Saturation induction: NA
Maximum permeability: NA
Coercive force: NA
Resistivity: NA

Process steps: Crown gear: Compacting – Sintehardening - Deburring
Pinion: Compaction – Sintering – Heat treatment – Hole grinding - Deburring