

Gearset for Bush Cutter

Company: mG miniGears

mG
miniGears

Application Sector: Consumer Goods

Requirements: The gearset is made up of two components, the gear and pinion. The pinion gear was particularly challenging as the tooth density is crucial to fulfil the customer requirements. The customer undertakes Gearhead Assembly tests for strength and endurance, making the two gears the most critical components.

Benefits: In this instance PM parts have helped to increase the durability of the assembled product.

Product Density: 7.2 g/cm³

Tensile Strength: 850 (N/mm²)

Product Hardness: 68HRA, 750 HVO, I

Finishing: Pressing, Sinter Hardening, Oil Impregnation

