

Synchroniser Hub

Company: PMG Füssen GmbH



Application Sector: Automotive

Requirements: This part is unusually large compared to typical synchroniser hubs. This part is designed and manufactured for high torque applications using a press and sinter process without secondary hardening (sinter hardening material) and very little machining.

Benefits: Conventional synchroniser hubs have their splines broached; this expensive process step is not needed with PM technology, thus enabling a cost saving to be passed on to the customer.

Density (g/cm³): max 6.95

Tensile Strength: 820MPa

Hardness: min 330 HV5

Final Weight: 720g

Finishing: Annealing, Machining, Brushing

