

Success Story "FIT"

FIT is a high technology enterprise, located in Parsberg (Germany). FIT focuses on rapid fabrication of working models and small lot production on special parts. Examples of these parts range from unique structures for space vehicles to lightweight components for racing cars as well as customized biomedical implants.

Challenge

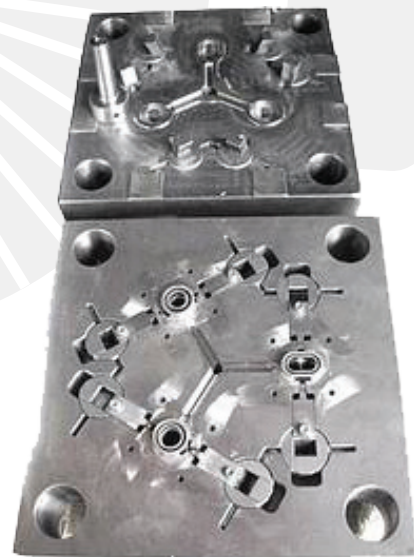
- Series production tool for injection moulded plugs in PBT GF10%
- Tool availability as „quickly as possible“

Solution

- 3-cavity mould in hybrid concept
- Machined aluminium tool base with inserts in EOS MaragingSteel MSI (1.2709)

Benefits

- Tool availability: 6 working days
- No need of pre-series tooling due to rapid delivery of production mould
- Reduction of tooling costs



Production mould with inserts made from MaragingSteel MSI (courtesy of FIT)