

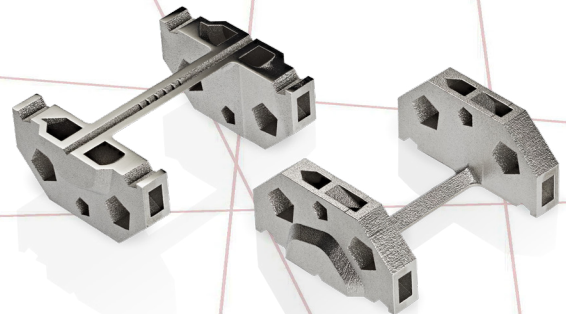


Use in the smallest installation space with maximum load capacity

Micro Laser Sintering with 3D printing systems from 3D MicroPrint opens up novel possibilities in component design. In the aerospace sector, innovative applications with optimized mechanical properties and functional integration can be realized with our technology, thus creating completely new possibilities.

Benefits:

- Complex structures of inner channel (starting from $\varnothing 100 \mu\text{m}$)
- Minimum wall thickness (starting from $30 \mu\text{m}$)
- High resistance to challenging ambient conditions
- High temperature resistance
- High detail resolution
- Excellent coatability (e.g. gold, copper etc.)
- $R_a < 2 \mu\text{m}$ surface roughness



Application approved by University of Birmingham, UK; Vectoflow, GER; DLR, GER

