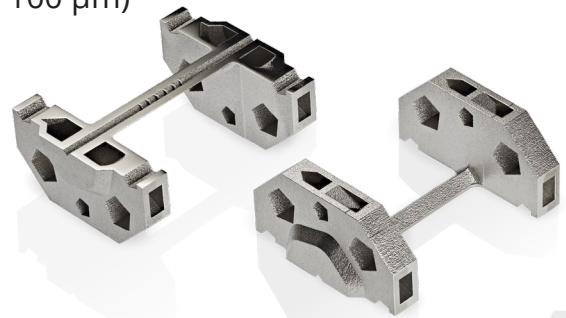


Use in the smallest installation space with maximum load capacity

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 100 μm)
- Wall thickness (starting from 50 μm)
- High resistance to challenging ambient conditions
- High detail resolution
- Excellent coatability (e.g. gold, copper etc.)
- $R_a < 2 \mu\text{m}$ inner surface roughness
- High temperature resistance



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