



MetShape

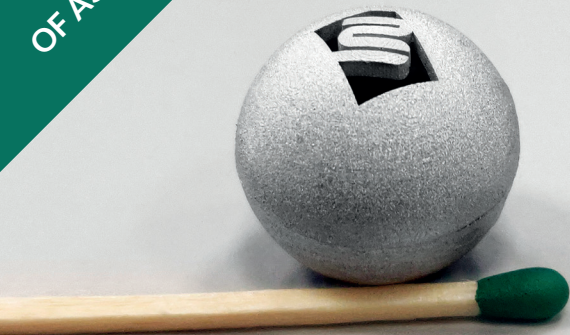
Printing metals in ultra precision

OUR
EXPERTISE



JOINING OF ASSEMBLIES

Joining assemblies is common in conventional manufacturing. In sinterbased additive manufacturing, however, new potentials can be identified and utilized by means of joining. The special advantage is that by assembling green parts, the sintering process can be used simultaneously as a joining process.



ADVANTAGES OF JOINING ASSEMBLIES

By joining assemblies during the sintering process or via laser welding, we are able to realize several advantages. First of all, the profitability can be increased by segmenting and therefore the printing time is reduced. When the shown sphere is cut in half, the printing time is reduced by 50% to 1h 15min for 25 joined spheres in one printing job. Another advantage is that quality control of complex inner structures can be done before joining several parts of an assembly.



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for individual consulting!