



# MetShape

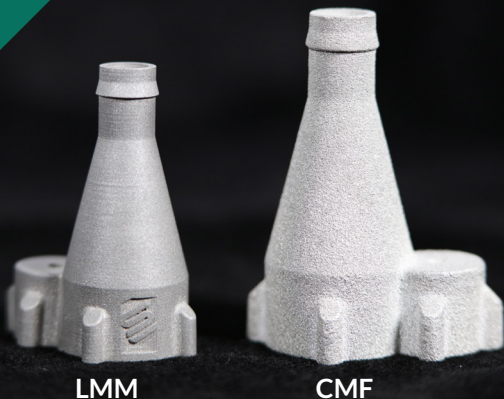
Printing metals in ultra precision



## APPLICATION

## MICRO MECHANICS

In micro mechanic applications very small and precise parts are needed. Often these parts also have micro drillings and very thin walls. We provide a suitable technology portfolio for small and micro metal parts to be produced economically with highest precision, best quality and maximum freedom of design.



LMM

CMF

## COMPARISON OF LMM AND CMF

The shown micro water pump impressively demonstrates the technological limits. CMF shows its advantages with relatively high surface qualities and good resolution, especially for fist-sized parts, but reaches its limits for thin-walled structures and high-resolution elements such as our logo. For this component, which has areas with wall thicknesses of less than 1mm and high requirements in terms of resolution and surface quality, the use of LMM technology is the perfect solution.

[www.metshape.de](http://www.metshape.de)

technologies:	LMM & CMF
material:	316L
density LMM:	98.8%
density CMF:	98.4%
post processing:	none