



Advanced Laser 3D Printing

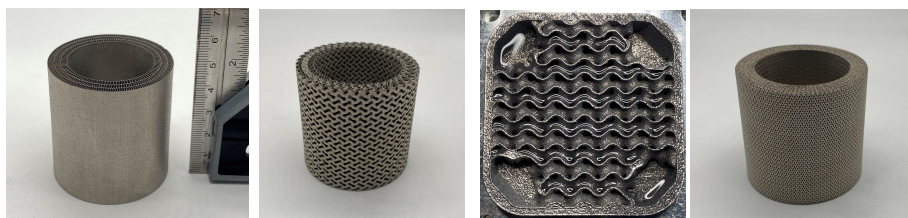
PolarOnyx

- Capable of printing more than a dozen of alloys and ceramics, including tungsten and ceramic materials.
- Capable of printing metal matrix composites (MMC)
- Exceptional 100 μm thin wall printing
- Excellent accuracy and repeatability
- Fully dense parts with superior mechanical properties
- Applications in Aerospace, defense, and medical instrumentation

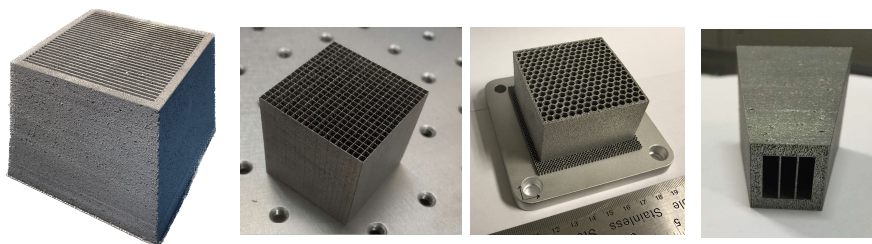


PolarOnyx has in-house expertise to develop powder-bed based additive manufacturing systems to tailor to a variety of customers' needs, and in-house design capability on thermal management and light weight multi-functional parts. PolarOnyx is an ideal one-stop-shop resource for military and industrial applications ranging from functional prototyping to rapid manufacturing. The printed parts are fully dense and have exceptional details, surface finish and overall accuracy.

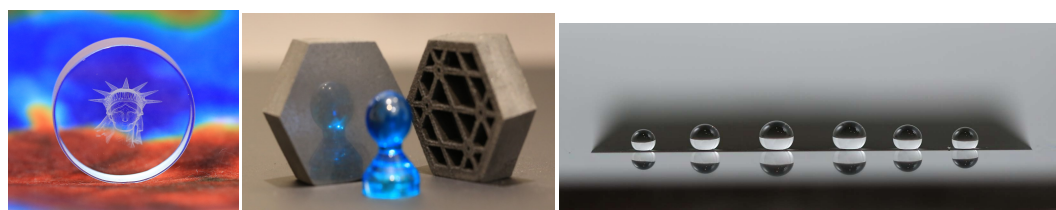
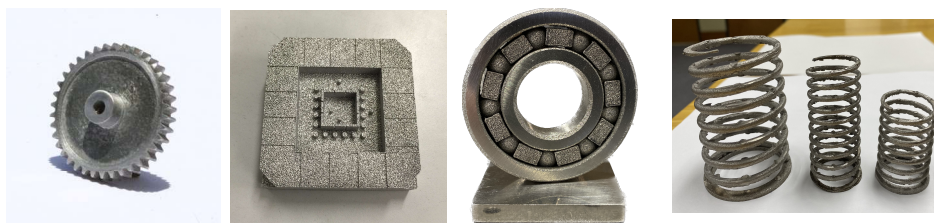
Efficient Heat Exchangers



Neutron and X-ray Radiation Shielding and Collimation



Functional Components



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