



# PrintAlloy®

**METALLURGY REIMAGINED.**

## PrintAlloy®

Printalloy® is our proprietary 3D metal printing process designed to get you real metal components to test form, fit, and function as fast as possible. Utilizing real MIM powders without expensive tooling costs, APP can deliver 17-4 stainless steel components that meet MPIF Standard 35 properties in just days.



## WHY PRINTALLOY?

- No tooling
- Design Freedom
- Component Testing
- Meeting MPIF Standard 35 properties
- Rapid manufacturing

## WHY APP?

- APP is the fastest growing MIM Company in the United States.
- Our founder & CEO wrote the book on MIM\*.
- We produce our own, custom feedstock.

### Comparison of Printalloy and MIM

Technology	Printalloy®	MIM
Mass (g)	.1-300	.1-300
Tolerance (%)	+/-1.0	+/-0.5
Min Wall thickness (in)	.015	.008
Surface Finish Ra, (micro-inch)	100 (xy) 200 (z)	32