

DMP (Direct Metal Printing)

Quickparts is equipped with a history of metal 3D printing experience, as well as qualified operators, project managers, and logistics that keep our customers at the forefront of our operations.

DMP, also known as DMLS or SLM, is an additive manufacturing technology that builds high quality, complex metal parts from 3D CAD data in a variety of standard engineering metal alloys.

Advantages:

- Production of small, fine, and extremely complex shapes without the need for tooling
- High-quality parts
- Part consolidation
- Industry's best surface finish
- Innovative part design
- Topology-optimized parts and mass customization
- Complex and thin-walled structures allow significant lightweighting



Lead Times:
Typically
1-2 weeks



Typical Applications:

- Tool and die making
- Biocompatible applications
- Turbomachinery
- Aerospace engines
- Automotive parts
- Medical and veterinary devices
- Heat exchangers



Dimensional Limitations
Up to
275 x 275 x 420 mm
(10.82" x 10.82" x 16.53")



Materials:

- LaserForm Stainless Steel 316L
- LaserForm Maraging Steel 18Ni300
- LaserForm Ni625 (Inconel 625)
- LaserForm Ni718 (Inconel 718)
- LaserForm Titanium Ti6Al4V
- LaserForm AlSi10Mg



Finishing:
DMP parts can be finished in a variety of ways, from sanding of surfaces and bead blasting, through to polishing and anodising.



France | Germany | Italy | United Kingdom | United States

+1 931 766 7290 | quickparts.com

Quickparts