

# Direct Metal Laser Sintering (DMLS)

## FOR METAL PROTOTYPE & END-USE PARTS

### DMLS

Direct Metal Laser Sintering (DMLS) is an additive manufacturing technology that produces metal prototype and production parts in a matter of hours. DMLS utilizes a variety of metal and alloy materials to create strong durable parts from 3D CAD data without the need for tooling. The technology is both accurate and excellent at reproducing fine feature detail. Metal parts built with this technology benefit from design versatility of layer additive manufacturing and possess the mechanical properties of metals.

### APPLICATIONS

- **Functional Prototypes** – Tough prototypes that can be used for functional tests
- **High Temperature Applications** – Quickly manufacture parts that can withstand high heat
- **End-Use Parts** – Low volume production without tooling expense and lead times

### INDUSTRIES

- Medical Instruments
- Dental
- Aerospace
- Automotive
- Surgical Implants
- Industrial
- Commercial



This part was created with Cobalt Chrome Moly material and polished to a smooth finish.



DMLS technology provides freedom of design while accurately reproducing fine feature details.