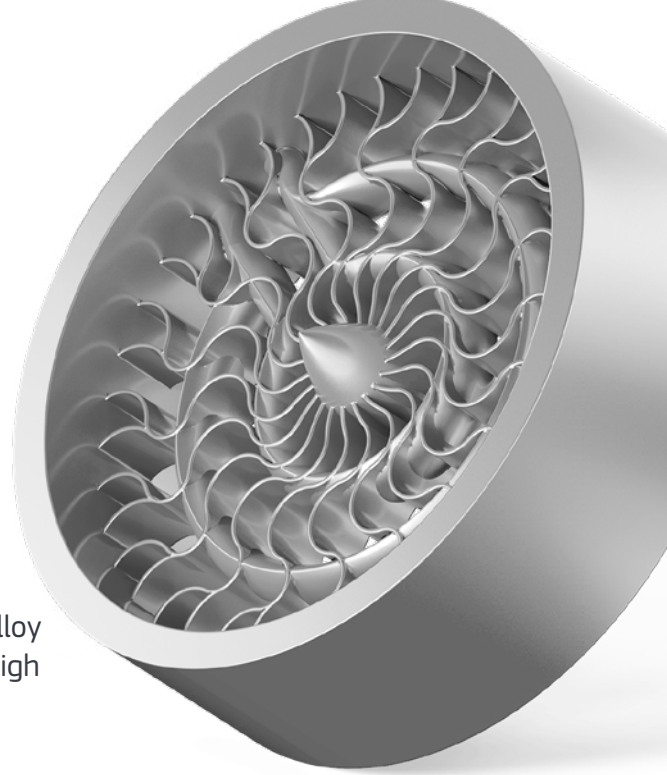


DIRECT METAL LASER SINTERING

# COBALT CHROME PRODUCT SPECIFICATIONS

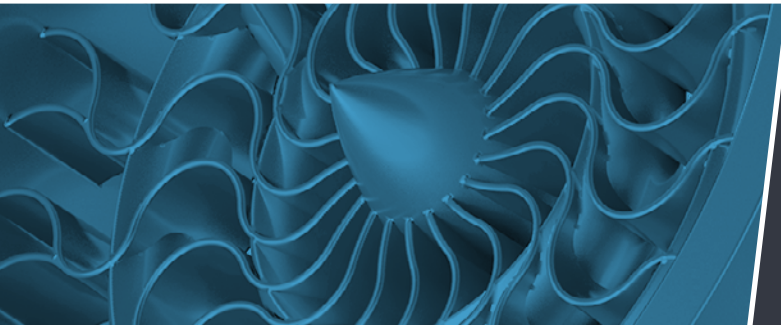


## PRODUCT DESCRIPTION:

Cobalt-Chrome material is used in our DMLS process. It is a superalloy comprised primarily of cobalt and chromium, and is known for its high strength-to-weight ratio, excellent creep and corrosion resistance. It is available only in high resolution.

## APPLICATIONS:

Cobalt-Chrome is an excellent choice for use in aerospace engine applications. Its low nickel content gives this metal excellent biocompatibility, making it a strong candidate for use in dental and orthopedic applications as well.



## KEY PRODUCT BENEFITS

- High strength
- Creep and corrosion resistance
- Excellent Biocompatibility

## PROPERTIES:

Standard	Ultimate Tensile Strength (ksi)	0.2% Yield (ksi)	Elongation (%)	Hardness (HRC)
ASTM F3213-17	130	75	20	25