

DIRECT METAL LASER SINTERING

Cobalt Chrome (Co28Cr6Mo)

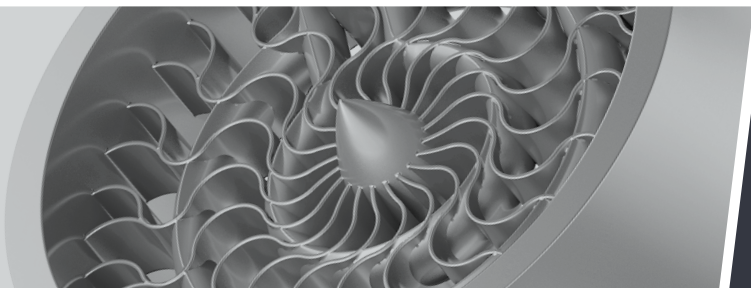
Product Specifications

Product Description

Cobalt-Chrome (Co28Cr6Mo) 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.

Applications

Cobalt-Chrome is a superalloy that is used for specialty applications within the aerospace and medical industries.



Key Product Benefits

- ▶ High performance tensile and creep
- ▶ Creep and corrosion resistance

Properties

Resolution	Condition	Ultimate Tensile Strength (ksi)	Yield Stress (ksi)	Elongation (%)	Hardness
20 µm	As Built	182	112	17	39 HRC
30 µm	As Built	176	119	14	38 HRC