

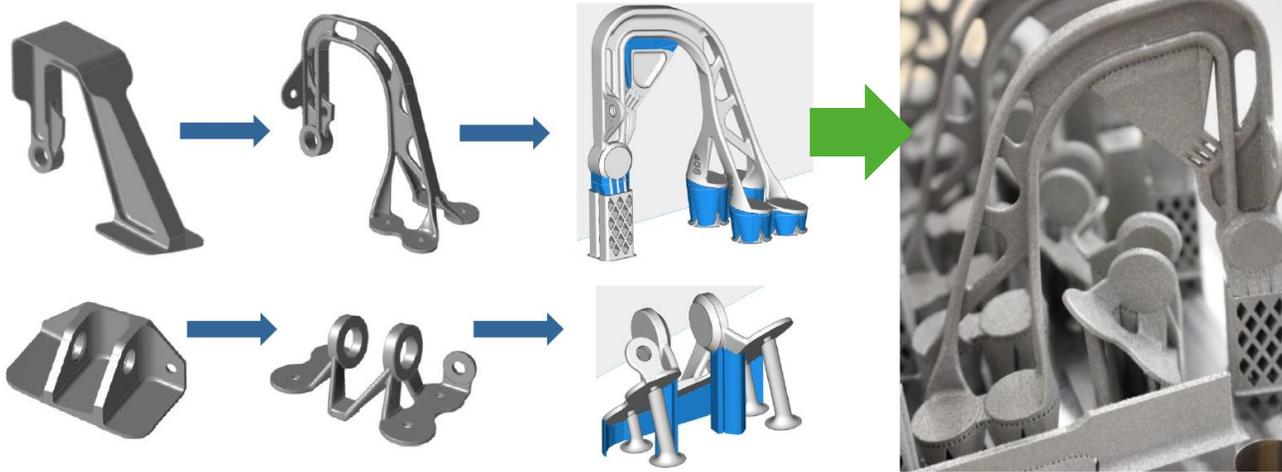
Certified AM part

Access door hinges (Class 3)



Example for WG1: Access Door Hinges (Ti6Al4V, LPBF)

Redesign, Topology Optimization



Coupon testing required to cover as-build surface conditions

Allowables test plan:

# Batches	10
Tensile	330
Pin bearing	60
Chemical composition	12

Density, microstructure and surface roughness testing performed on tensile coupons

