

PICTURE



DESCRIPTION

Component: Cross-section of a Sierra Turbines engine combustor highlighting the complexity of the interior. Notice the thin air foils and smooth lattice that helps the combustor effectively atomize fuel prior to combustion. With traditional manufacturing, this specific part would have required the assembly of 61 discrete components, but 3D printing consolidated it into a unified geometry with fine details and features that are unattainable via any other method. Printed on a Velo3D Sapphire printer.

Dimension: 120 mm × 60 mm x 180 mm z

Weight: 500 g

Material: HASTELLOY® X

Process: LPBF

COMPANY

Company name: Velo3D

Venue:

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CONTACT

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