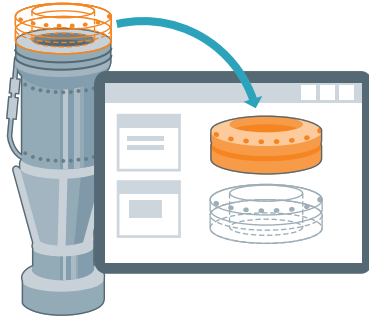
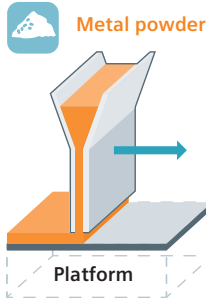


# Additive Manufacturing

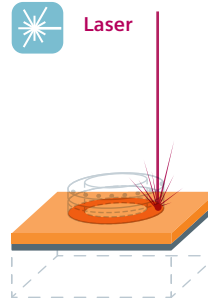
How burner tips are made: Using additive manufacturing, spare parts for smaller gas turbines are already being produced today.



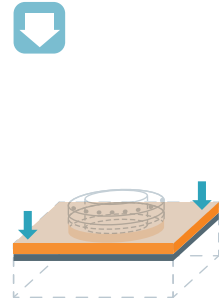
The gas turbine burner needs a new tip. A digital production plan is created on a computer.



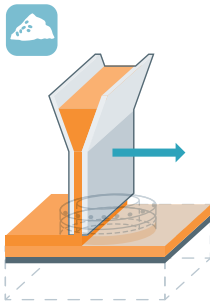
A thin layer of stainless steel powder is applied.



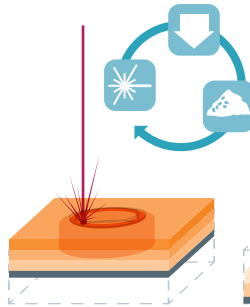
A laser beam fuses the powder, thereby creating the first layer of metal.



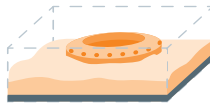
The platform lowers by a few micrometers, lowering the component being produced.



A new layer of metal powder is applied.



The laser again traces the outline of the piece being produced.



Layer by layer, a new burner tip is fused onto the component.

