

## Aerospace

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Kennametal Stellite™ specialises in small to medium size structural and non-rotating components. Utilizing our air melt and vacuum casting capability plus pressed and sintered Powdered Metal production we are meeting the most exacting standards of the Aerospace industry.

A variety of degradation problems exist in aircraft engines as a result of metal to metal wear, fretting, hot corrosion, particle erosion plus others. This degradation is accelerated due to the high temperature conditions involved. Kennametal Stellite can supply a range of alloys which can be applied in order to increase the life of certain engine components.

Typical Kennametal Stellite alloys seen in the Aerospace industry are Tribaloy® 400, Tribaloy® 800, Stellite® 694 & Stellite® 31 which are commonly supplied in powder form or fine TIG Rod form. Our wrought alloy 6B (AMS 5894) is also used extensively for critical aircraft components. In addition to our air melt and vacuum castings we offer pressed and sintered parts and can finish these components in-house to meet your specification.



### PRODUCTS

- Flare Castings
- Spacer Sleeves
- Rod End Bearing
- Balls
- Bearing Races
- Fuel Nozzles
- Swirlers
- Washers
- Engine Vanes
- Bearing Supports and other Static Structural Parts
- Investment Casting for Aerospace

### TYPICAL ALLOYS INCLUDE:

- [STELLITE® 31](#)
- [STELLITE® 6](#)
- [STELLITE® 6B](#)
- [STELLITE® 3](#)
- [STELLITE® 19](#)
- [Nistelle X](#)
- 300 series stainless steels
- 17-4 PH stainless steel