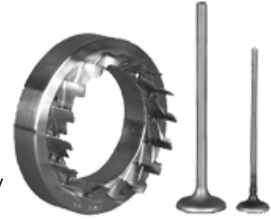


Automotive

 [Download Page as PDF](#)

Kennametal Stellite™ supplies a broad range of products to the automotive and truck industry. We manufacture components that are allowing engines to run longer and cleaner to meet the stringent emission demands that are being imposed on the industry. Our alloys are proven to reduce engine downtime, and are allowing manufacturers to offer extended reliability and warranties to the end user.

The exhaust valves of internal combustion engines are subject not only to mechanical degradation from impact and sliding stresses, but also hot corrosion by the products of combustion. In diesel engines hot corrosion is a particularly acute problem, especially if low grade fuels are used. Our products are specifically designed to help manufacturers meet the demands for higher performance engines imposed by the market. As the need for further improvement in engine efficiency develops, we are there to support the industry with engineered solutions and alloy expertise that will meet the most demanding of applications.



To maintain efficient engine operation, it is vital that engine valves are protected against such wear. **Stellite® 6**, Stellite®F & Tribaloy® are common place in the automotive valve industry. We have a long established track record in the industry and our product offering continues to grow as we develop new products, materials and process technologies.

Stellite® in the automotive industry is commonly supplied in rod or powder form.

PRODUCTS

- Pins
- Bushings
- Spacers
- Shafts
- Wear Inserts
- Washers
- Camshafts
- Cam Lobes
- Valves
- Valve Stem Tips
- Valve Seats

- Finished Machine Investment Castings
- PM (Powder Metallurgy Parts)
- Plasma Transferred Arc (PTA) and Thermal Spray Powders
- PTA and HVOF Thermal Spray Systems

TYPICAL ALLOYS INCLUDE:

- Tribaloy T 400
- STELLITE® 6B
- STELLITE® F
- STELLITE® 12
- STELLITE® 6