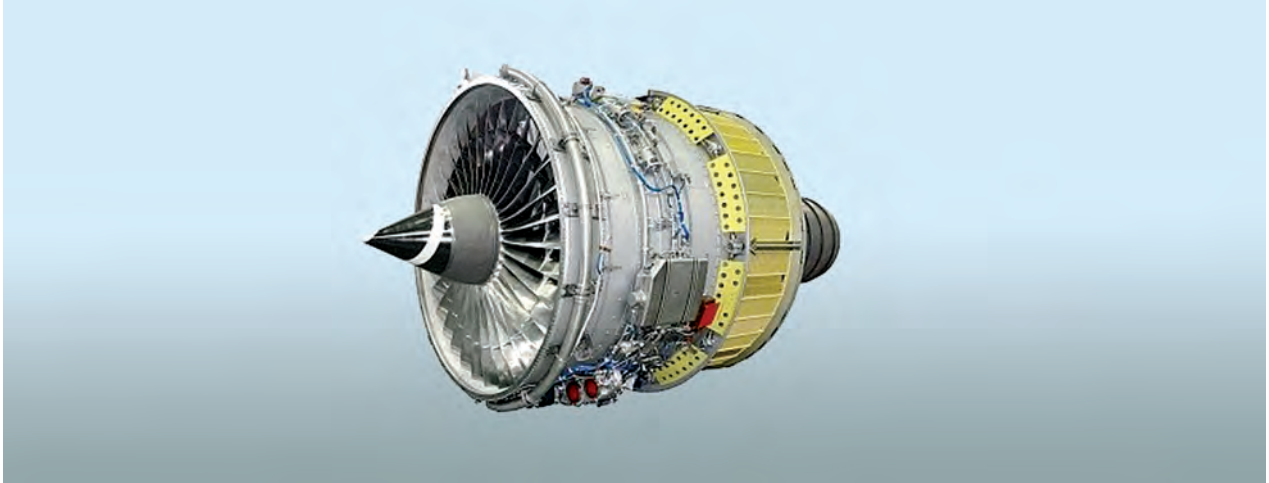


COBALT-BASED POWDER ALLOY WITH HIGH WEAR RESISTANCE



Dual-flow turbojet engine D-18T

Areas of Application

The alloy can be used to reinforce shroud platforms of aircraft turbine engines by coating their edges with wear-resistant powder material

Specification

Production technology: powder metallurgy methods.

| | |
|---|---------|
| Melting temperature, °C | ≥1300 |
| High heat resistance, °C | <1100 |
| High uniform wear resistance within the temperature range, °C | 20–1100 |

IPR Protection

IPR3

Advantages

Wear resistance of cobalt powder alloy within the temperature range from 20 to 1050 °C exceeds 10 times that of serial cast alloys XTH-61 and XTH-62

Stage of Development. Suggestions for Commercialization

IRL3, TRL4
Vending of patent based on license agreement

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