

Inconel 718

AMS 5662/5663 / ASTM B637

Specifications

AMS 5596, AMS 5662, AMS 5663, AMS 5832

ASME Case 2222-1, ASME SFA 5.14

ASTM B 637, ASTM B 670

EN / Werkstoff 2.4668 - UNS N07718

Applications

- Gas turbine engine parts
- Springs /Fasteners
- Oil Industry, valves
- aerospace applications
- Pumps and valves

Physical properties

Melting range : 1260 -1336 °C

Density: 8,22g/cm³.

Pren: 22,5

Mechanical properties AMS 5663

Tensile strength: 1276N/mm²

Yield strength: 1034N/mm².

Elongation: 12%

Hardness HBN: 331-444

Round bar Size from \varnothing 12 – \varnothing 300mm.

