

Heli-Coil insert material

304 Stainless Steel

- Standard general purpose material
- Stocked in most sizes
- Ideal for original equipment applications, repair, and overhaul

Inconel X750

- Used in areas exposed to high temperatures
- Typical uses: gas turbine engines, nuclear applications, well drilling
- Non-magnetic

Phosphor Bronze

- Ideal for salt water applications
- Non-magnetic
- Excellent electrical conductivity

Nitronic 60™

- Superb galling resistance
- Compatible with stainless steel screws
- Ideal for use in vacuum environments
- Requires no additional coatings or plating
- Particle free
- Non-magnetic

Titanium

- Superior strength to weight ratio
- Superior corrosion resistance
- Excellent low temperature stability

Material Spec: AS7245

Temperature range: Up to 800°F
Tensile: 200,000 – 2 50,000 PSI
Hardness: RHc 43-50
Corrosion resistance: Moderate
Magnetic Permeability: 2 – 10 G/o

Material Spec: AS7246

Temperature range: Up to 1,000°F
Tensile: 200,000 PSI
Hardness: RHc 43-50
Corrosion resistance: High
Magnetic Permeability: < 1 G/o

Temperature range: Up to 250°F
Tensile: 140,000
Hardness: HRB 95
Corrosion resistance: High
Magnetic Permeability: < 1 G/o

Material Spec: UNS S21800

Temperature range: Up to 500°F
Tensile: 200,000 PSI
Hardness: RHc 43-50
Corrosion resistance: Moderate
Magnetic Permeability: < 1 G/o

Material Spec: AMS 4957 & AMS 4958A

Temperature range: Up to 600°F
Tensile: 150,000 to 220,000 PSI
Hardness: RHc 35-43
Corrosion resistance: High
Magnetic Permeability: non-magnetic