

API 6A CRA ALLOY 718



INTERNATIONAL EQUIVALENT CODES

Europe
EN

Italia
UNI

Germania	
DIN	W.n.

UK
B.S.

USA	
API6A CRA	UNS
Alloy 718	N07718

CHEMICAL REQUIREMENTS (Composition , percent)

Max C	Max Mn	Max Phosph	Max Sulfur	Max Si	Cr	Nickel	Mo	Max Copper	Nb+ Ta	Titanium	Max Boron	Al	Max Cobalt	Iron
0.045	0.35	0.010	0.010	0.35	17.0-21.0	50.0-55.0	2.80-3.30	0.23	4.87-5.20	0.80-1.15	0.006	0.40-0.60	1.0	

MECHANICAL REQUIREMENTS

Tens. Strength, min, ksi	min, Mpa	Yield Strength (0,2% offset) min, ksi	min, Mpa	Elongation in 4D, min, %	Hardness	Reduction of area
150	1034	120	827	20	32-40 HRC	35