



Data sheet

API6A CRA ALLOY 925 API

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INTERNATIONAL EQUIVALENT CODES

Europe
EN

Italia
UNI

Germania	
DIN	W.n.

UK
B.S.

USA	
API 6A CRA	UNS
Alloy 925	N09925

CHEMICAL REQUIREMENTS (Composition , percent)

max C	Max Mn	Max Phosph	Max Sulfur	Max Si	Cr	Nickel	Mo	Copper	Niobium	Titanium	Vanadium	Al	Max Cobalt	Iron
0.025	1.0	0.020	0.03	0.35	19.5-22.5	42.0-46.0	2.5-3.5	1.5-3.0	0.08-0,50	1.9-2.40	--	0.1-0.5	--	22.0 min

MECHANICAL REQUIREMENTS

Tens. Strength, min, ksi	min, Mpa	Yield Strength (0,2% offset) min, ksi	min, Mpa	Elongation in 4D, min, %	Reduction of area Min, %	Hardness
140	965	110	758	18	25	26 -38 HRC