



Data sheet

ASTM A182 F55

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INTERNATIONAL EQUIVALENT CODES

Europe
EN 10088-2
25CrNiMoCuWN25-7-4

Italia
UNI

Germania	
DIN	W.n.

UK
B.S.
1.4501

USA	
ASTM	UNS
A182 F55	S32760

CHEMICAL REQUIREMENTS (Composition , percent)

Max C	Mn	Max Phosph	Max Sulfur	Si	Cr	Nickel	Mo	Copper	Nitrogen	Titanium	Vanadium	Max Al	Max Cobalt	Max Iron
0.030	1.00	0.030	0.010	1.00	24.0-26.0	6.0-8.0	3.0-4.0	--	0.20-0.30	--	--	--	--	--

MECHANICAL REQUIREMENTS (valid for all sizes)

Tens. Strength, min, ksi	min, Mpa	Yield Strength, min, ksi	min, Mpa	Elongationin 4D, min, %	Reduction of area, nimin %	Hardness
109-130	750-895	80	550	25	45	