

**CHEMICAL REQUIREMENTS IN (%)**

	ASTM B408/564	DIN EN 10302
Ni	30,0 - 35,0	30,0 - 34,0
Cr	19,0 - 23,0	19,0 - 22,0
Fe, min.	39,5	
Mn, max.	1,5	1,50
C	0,06 - 0,10	0,05 - 0,10
Cu, max.	0,75	0,50
Si, max.	1,0	0,70
S, max.	0,015	0,010
Al	0,15 - 0,60	0,25 - 0,65
Ti	0,15 - 0,60	0,25 - 0,65
Al + Ti	0,85 - 1,20	
P, max.		0,015

**MECHANICAL PROPERTIES**
**solution annealed**

	bar ASTM B408	forging ASTM B564	bar / forging D ≤ 160 mm
R <sub>m</sub> (MPa)	≥ 448		500 - 750
R <sub>p 0,2</sub> (MPa)	≥ 170		≥ 170
R <sub>p 1,0</sub> (MPa)			≥ 200
A (%)	≥ 30		l ≥ 35, q/t ≥ 30
grain size	≤ 5		

All information are supplied without liability.