

CHEMICAL REQUIREMENTS IN (%)

AMS 5712

C, max.	0,12
Mn, max.	0,10
Si, max.	0,50
S, max.	0,015
Cr	18,00 - 20,00
Co	10,00 - 12,00
Mo	9,00 - 10,50
Ti	3,00 - 3,30
Al	1,40 - 1,80
B	0,0030 - 0,010
Fe, max.	5,00
Pb, max.	0,0005
Bi, max.	0,00003
Se, max.	0,0003
Ni	Bal.

**solution annealed
+ precipitation hardened**

bar / forging

R _m (MPa)	≥ 1172
R _{p 0,2} (MPa)	≥ 896
A (%)	≥ 8
Z (%)	≥ 10
hardness (HB)	≥ 311

All information are supplied without liability.