

CHEMICAL REQUIREMENTS IN (%)

	ASTM B166	DIN 17742
Ni	58,0 - 63,0	58,0 - 63,0
Cr	21,0 - 25,0	21,0 - 25,0
Fe	Bal.	18,0 max.
Mn, max.	1,0	1,00
Al	1,0 - 1,7	1,00 - 1,70
C, max.	0,10	0,10
Cu, max.	1,0	0,50
Si, max.	0,5	0,50
S, max.	0,015	0,015
B, max.		0,006
P, max.		0,020
Ti, max.		0,50

MECHANICAL PROPERTIES
solution annealed

bar

bar

 D ≤ 100 mm
 DIN 17752

R _m (MPa)	≥ 550	≥ 550
R _{p 0,2} (MPa)	≥ 205	≥ 205
R _{p 1,0} (MPa)		≥ 235
A (%)	≥ 30	≥ 30
hardness (HBW 2,5/62,5)		max. 220

All information are supplied without liability.