

CHEMICAL REQUIREMENTS IN (%)

	ASTM B473	DIN 17744
C, max.	0,07	0,07
Mn, max.	2,00	2,0
P, max.	0,045	0,025
S, max.	0,035	0,015
Si, max.	1,00	1,00
Ni	32,00 - 38,00	32,0 - 38,0
Cr	19,00 - 21,00	19,0 - 21,0
Mo	2,00 - 3,00	2,0 - 3,0
Cu	3,00 - 4,00	3,0 - 4,0
Nb + Ta	8 x C - 1,00	8 x C - 1,00
Fe	Bal.	Bal.
Co, max.		1,5

MECHANICAL PROPERTIES
annealed

bar

bar

D ≤ 90

DIN 17752

R _m (MPa)	≥ 551	≥ 550
R _{p 0,2} (MPa)	≥ 241	≥ 240
R _{p 1,0} (MPa)		≥ 270
A (%)	≥ 30	≥ 40
Z (%)	≥ 50	

All information are supplied without liability.