

CHEMICAL REQUIREMENTS IN (%)

	ASTM B335/564	VdTÜV Werkstoffblatt 436
Ni	Bal.	Bal.
Fe, max.	2,0	2,0
Mn, max.	1,0	1,0
C, max.	0,02	0,01
Si, max.	0,10	0,08
S, max.	0,03	0,015
Cr, max.	1,0	1,0
Mo	26,0 - 30,0	26,0 - 30,0
P, max.	0,04	0,03
Co, max.	1,00	1,00

MECHANICAL PROPERTIES
solution annealed

	bar 7,94 mm ≤ D ≤ 88,9 mm ASTM B335	forging ASTM B564	bar / forging D ≤ 90 mm VdTÜV Werkstoffblatt 436
R _m (MPa)	≥ 760		745 - 950
R _{p 0,2} (MPa)	≥ 350		≥ 325
R _{p 1,0} (MPa)			≥ 370
A (%)	≥ 40		≥ 40
Av (J)			≥ 120

All information are supplied without liability.