

material no.: 2.4951  
 UNS no.: N06075  
 designation: Alloy 75

## CHEMICAL REQUIREMENTS IN (%)

DIN 17742

Ni	Bal.
Al, max.	0,30
C	0,08 - 0,15
Co, max.	5,0
Cr	18,0 - 21,0
Cu, max.	0,50
Fe, max.	5,0
Mn, max.	1,00
P, max.	0,020
S, max.	0,015
Si, max.	1,00
Ti	0,20 - 0,60

## MECHANICAL PROPERTIES

**solution annealed**

bar

D ≤ 100 mm

DIN 17752

R <sub>m</sub> (MPa)	≥ 650
R <sub>p 0,2</sub> (MPa)	≥ 240
R <sub>p 1,0</sub> (MPa)	≥ 270
A (%)	≥ 25
hardness (HBW 2,5/62,5)	≤ 230

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