



LIVALLCO STÅL AB
SMITH & STENSSON

Stainless steel

1.4021

DESIGNATIONS

EN standard	X20Cr13
Swedish standard	SS 2303~
ASTM / ASME standard	AISI 420 / UNS 42000
W.stoff nr	1.4021

CHEMICAL COMPOSITION

C	0,16 - 0,25
Cr	12,00 - 14,00
Mn	max. 1,50
P	max. 0,040
S	max. 0,015
Si	max. 1,00
Fe	rest.

DIMENSION

Plate	Yes
Roundbar	Yes

MECHANICAL PROPERTIES

Yield	min 450 N/mm ²
Tensile	max. 740 N/mm ²
KV	

Are only given as typical value for annealed bar Ø 50 mm