



LIVALLCO STÅL AB
SMITH & STENSSON

Stainless steel

1.4541

DESIGNATIONS

EN standard	X6CrNiTi18-10
Swedish standard	SS 2337
ASTM / ASME standard	AISI 321 / S32100
Similar grade	
W.stoff nr	1.4541

CHEMICAL COMPOSITION

C	max. 0,08
Cr	17,00 - 19,00
Mn	max. 2,00
Ni	9,00 - 12,00
P	max. 0,045
S	max. 0,030
Si	max. 1,00
Ti	5 x%C - 0,80
Fe	rest.

DIMENSION

Plate	Yes
Roundbar	Yes
Pipe	Yes

MECHANICAL PROPERTIES

Yield
Tensile
KV

Are only given as typical value for bar Ø 50 mm