



LIVALLCO STÅL AB
SMITH & STENSSON

Stainless steel

1.4436

DESIGNATIONS

EN standard	X5CrNiMo17-13-3
Swedish standard	SS 2343
ASTM / ASME standard	AISI 316
Similar grade	
W.stoff nr	1.4436

CHEMICAL COMPOSITION

C	max. 0,05
Cr	16,50 - 18,50
Mn	max. 2,00
Mo	2,50 - 3,00
N	max. 0,11
Ni	10,50 - 13,00
P	max. 0,045
S	max. 0,015
Si	max. 1,00
Fe	rest.

DIMENSION

Plate	Yes
Roundbar	Yes

MECHANICAL PROPERTIES

Yield	
Tensile	510 - 710 N/mm ²
KV	

Are only given as typical value for bar Ø 50 mm