



LIVALLCO STÅL AB
SMITH & STENSSON

Stainless steel

1.4404

DESIGNATIONS

EN standard	X2CrNiMo17-12-2
Swedish standard	SS 2348
ASTM / ASME standard	AISI 316L/S31603
Similar grade	
W.stoff nr	1.4404

CHEMICAL PROPERTIES

C	max. 0,03
Cr	16,50 - 18,50
Mn	max. 2,00
Mo	2,00 - 2,50
Ni	10,00 - 13,00
P	max. 0,045
S	max. 0,015
Si	max. 1,00
Fe	rest.

DIMENSION

Plate	Yes
Roundbar	Yes
Flat/square	Yes
Hexagon	Yes
Forging	Yes
Pipe	Yes

MECHANICAL PROPERTIES

Yield	
Tensile	490 - 690 N/mm ²
KV	
Are only given as typical value for bar Ø 50 mm	