



LIVALLCO STÅL AB
SMITH & STENSSON

Stainless steel

1.4305

DESIGNATIONS

EN standard	X8CrNiS18-9
Swedish standard	SS 2346
ASTM / ASME standard	AISI 303 / UNS S30300
Similar grade	X4CrNi18-12
W.stoff nr	1.4305

CHEMICAL COMPOSITION

C	max. 0,10
Cr	17,00 - 19,00
Cu	max. 1,00
Mn	max. 2,00
N	max. 0,11
Ni	8,00 - 10,00
P	max. 0,045
S	0,15 - 0,35
Si	max. 1,00
Fe	rest.

DIMENSION

Plate	
Roundbar	Yes
Flat/square	Yes
Hexagon	Yes

MECHANICAL PROPERTIES

Yield	
Tensile	500 - 700 N/mm ²
KV	
Are only given as typical value for bar Ø 50 mm	