



LIVALLCO STÅL AB
SMITH & STENSSON

Stainless steel

1.4835

DESIGNATIONS

EN standard	X9CrNiSiNc21-11-2
Swedish standard	
ASTM / ASME standard	A182 F45 / UNS S30815
Similar grade	253MA
W.stoff nr	1.4835

CHEMICAL COMPOSITION

C	0,05 - 0,12
Ce	0,03 - 0,08
Cr	20,00 - 22,00
Mn	max. 1,00
N	0,12 - 0,20
Ni	10,00 - 12,00
P	max. 0,045
S	max. 0,015
Si	1,40 - 2,50
Fe	rest.

DIMENSION

Plate	Yes
Roundbar	Yes

MECHANICAL PROPERTIES

Yield	
Tensile	650 - 850 N/mm ²
KV	

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