



LIVALLCO STÅL AB
SMITH & STENSSON

Case hardening steel
16MnCr5

DESIGNATIONS

Swedish standard	SS 2511 ~
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.7131

CHEMICAL COMPOSITION

C	0,14 - 0,19
Cr	0,80 - 1,10
Mn	1,00 - 1,30
P	0,025
S	0,035
Si	max.0,40
Fe	rest.

DIMENSION

Plate	2 - 200 mm
Roundbar	Ø 4,10 - 850 mm
Flat/Square	Yes
Hexagon	-
Forging	Yes
Pipe	-

MECHANICAL PROPERTIES

Yield	min. 440 N/mm ²
Tensile	640 - 930 N/mm ²
KV	
Are only given as typical value for round bar, Ø 50 mm	

For more information, please contact LIVALLCO STÅL AB, Sweden
Tel. +46 (0)302-150 10 info@livallco.se