



LIVALLCO STÅL AB
SMITH & STENSSON

Case hardening steel
18CrNiMo7-6

DESIGNATIONS

Swedish standard	
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.6587

CHEMICAL COMPOSITION

C	0,15 - 0,21
Cr	1,50 - 1,80
Ni	1,40 - 1,70
Mn	0,50 - 0,90
Mo	0,25 - 0,35
P	max. 0,025
S	max. 0,035
Si	max. 0,40
Fe	rest.

DIMENSION

Plate	Sawn from blanks
Roundbar	Ø 18 - 800 mm
Flat/Square	-
Hexagon	-
Forging	Yes
Pipe	-

MECHANICAL PROPERTIES

Yeild	min. 685 N/mm ²
Tensile	980 - 1270 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
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