



LIVALLCO STÅL AB
SMITH & STENSSON

Case hardening steel
30CrMoV9

DESIGNATIONS

Swedish standard	
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.7707

CHEMICAL COMPOSITIONS

C	0,26 - 0,34
Cr	2,30 - 2,70
Mn	0,40 - 0,70
Si	max. 0,40
P	max. 0,035
S	max. 0,035
Mo	0,15 - 0,25
Ni	max. 0,60
V	0,10 - 0,20
Fe	rest.

DIMENSION

Plate	Sawn from blanks
Roundbar	Ø 25 - 220 mm
Flat/Square	-
Hexagon	-
Forging	Yes
Pipe	-

MECHANICAL PROPERTIES

Yield	min. 1050 N/mm ²
Tensile	1250 - 1450 N/mm ²
KV	

Are only given as typical value for round bar,
Ø 50 mm