



LIVALLCO STÅL AB
SMITH & STENSSON

Case hardening steel
30CrNiMo8

DESIGNATIONS

Swedish standard	
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.6580

CHEMICAL COMPOSITION

C	0,26 - 0,34
Cr	1,80 - 2,20
Ni	1,80 - 2,20
Mn	0,30 - 0,60
Mo	0,30 - 0,50
P	max. 0,025
S	max. 0,035
Si	max. 0,40
Fe	rest.

DIMENSION

Plate	Sawn from blanks
Roundbar	Ø 16 - 800 mm
Flat/Square	-
Hexagon	-
Forging	Yes
Pipe	-

MECHANICAL PROPERTIES

Yield	min. 900 N/mm ²
Tensile	1100 - 1300 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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