



LIVALLCO STÅL AB
SMITH & STENSSON

Case hardening steel
50CrMo4

DESIGNATIONS

Swedish standard	
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.7228

CHEMICAL COMPOSITION

C	0,46 - 0,54
Cr	0,90 - 1,20
Mn	0,50 - 0,80
Mo	0,15 - 0,30
P	max. 0,025
S	max. 0,035
Si	max. 0,40
Fe	rest.

DIMENSION

Plate	
Roundbar	Ø 20 - 400 mm
Hexagon	
Forging	Yes

MECHANICAL PROPERTIES

Yield	min. 700 N/mm ²
Tensile	900 - 1100 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