



LIVALLCO STÅL AB
SMITH & STENSSON

Case hardening steel
C60 / C60E

DESIGNATIONS

Swedish standard	SS 1655~ / 1678
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.0601 / 1.1221

CHEMICAL COMPOSITION

C	0,57 - 0,65
Cr	max. 0,40
Cr+Mo+Ni	max.0,63
Mn	0,60 - 0,90
Mo	max. 0,10
Ni	max. 0,40
P	max. 0,045 (0,030*)
S	max. 0,045 (0,035*)
Si	max. 0,40

* value for C60E

DIMENSION

Plate	1 - 150 mm
Roundbar	Ø 16 - 800 mm
Flat/square	Yes
Hexagon	Yes
Forging	Yes
Pipe	

MECHANICAL PROPERTIES

Yield	min. 450 N/mm ²
Tensile	750 - 900 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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