



LIVALLCO STÅL AB
SMITH & STENSSON

Case hardening steel
34Cr4

DESIGNATIONS

Swedish standard	
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.7033

CHEMICAL COMPOSITION

C	0,30 - 0,37
Cr	0,90 - 1,20
Mn	0,60 - 0,90
P	max. 0,025
S	max. 0,035
Si	max. 0,40
Fe	rest.

DIMENSION

Roundbar	Ø 16 - 170 mm
Flat/square	
Hexagon	
Forging	Yes

MECHANICAL PROPERTIES

Yield	min. 460 N/mm ²
Tensile	700 - 850 N/mm ²
KV	

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