



**LIVALLCO STÅL AB**  
SMITH & STENSSON

**Case hardening steel**  
**36NiCrMo16**

**DESIGNATIONS**

Swedish standard	
BS standard	835M30
Similar grade	
W.stoff nr	1.6773

**CHEMICAL COMPOSITION**

C	0,32 - 0,39
Cr	1,60 - 2,00
Mn	0,50 - 0,80
Mo	0,25 - 0,45
Ni	3,60 - 4,10
P	max. 0,025
S	max. 0,025
Si	max. 0,40
Fe	rest.

**DIMENSION**

Plate	
Roundbar	Yes
Flat/Square	
Hexagon	
Forging	Yes

**MECHANICAL PROPERTIES**

Yield	min. 900 N/mm <sup>2</sup>
Tensile	1100 - 1300 N/mm <sup>2</sup>
KV	
Are only given as typical value for round bar, Ø 50 mm	

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