



**LIVALLCO STÅL AB**  
SMITH & STENSSON

**Case hardening steel**  
**41Cr4**

**DESIGNATIONS**

Swedish standard	
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.7035

**CHEMICAL COMPOSITION**

C	0,38 - 0,45
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**

Plate	
Roundbar	Ø 16 - 150 mm
Flat/Square	
Hexagon	
Forging	Yes
Pipe	

**MECHANICAL PROPERTIES**

Yield	min. 560 N/mm <sup>2</sup>
Tensile	800 - 950 N/mm <sup>2</sup>
KV	
Are only given as typical value for round bar, Ø 50 mm	

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