



**LIVALLCO STÅL AB**  
SMITH & STENSSON

**Tool steel**

**1.2312**

**DESIGNATIONS**

EN standard	40CrMnMoS8-6
Swedish standard	
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.2312

**CHEMICAL COMPOSITION**

C	0,35 - 0,45
Cr	1,80 - 2,00
Mn	1,40 - 1,60
Mo	0,15 - 0,25
P	max. 0,030
S	0,05 - 0,10
Si	0,30 - 0,50
Fe	rest.

**DIMENSION**

Plate	
Roundbar	Yes
Flat/square	Yes
Hexagon	
Forging	Yes
Pipe	

**MECHANICAL PROPERTIES**

Yield
Tensile
KV
Hardness appr.300HB, given as typical value.

For more information, please contact LIVALLCO STÅL AB, Sweden  
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