



**LIVALLCO STÅL AB**  
SMITH & STENSSON

**Tool steel**  
**1.2378**

**DESIGNATIONS**

EN standard	X220CrVMo12-2
Swedish standard	
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.2378

**CHEMICAL COMPOSITION**

C	2,15 - 2,30
Si	0,15 - 0,30
Mn	0,25 - 0,40
P	max. 0,035
S	max. 0,035
Cr	12,00 - 13,00
Mo	0,80 - 1,00
V	2,00 - 2,30
Fe	rest.

**DIMENSION**

Plate	
Roundbar	Ja
Flat/square	Ja
Hexagon	
Forging	
Pipe	

**MECHANICAL PROPERTIES**

Yield
Tensile
KV

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