



**LIVALLCO STÅL AB**  
SMITH & STENSSON

**Bearing steel**  
**100Cr6**

**DESIGNATIONS**

Swedish standard	SS 2258
ASTM / ASME standard	
Similar grade	Ovako 803*
W.stoff nr	1.3505

*\*Registered trademark of OVAKO*

**CHEMICAL COMPOSITION**

C	0,90 - 1,05
Cr	1,35 - 1,65
Cu	max. 0,30
Mn	0,25 - 0,45
Ni	max. 0,30
P	max. 0,030
S	max. 0,25
Si	0,15- 0,35
Fe	rest.

**DIMENSION**

Plate	
Roundbar	Ø 4,10 - 450 mm
Flat/square	
Hexagon	
Forging	Yes
Pipe	Yes

**MECHANICAL PROPERTIES**

Yield
Tensile
KV

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