



LIVALLCO STÅL AB
SMITH & STENSSON

Spring steel
55Si7

DESIGNATIONS

Swedish standard	SS 2085 / 2090
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.5026

CHEMICAL COMPOSITION

C	0,52 - 0,60
Si	1,60 - 2,00
Mn	0,60 - 0,90
P	max. 0,025
S	max. 0,025
Fe	rest.

DIMENSION

Plate	-
Roundbar	-
Flat/Square	Yes
Hexagon	-
Forging	Yes
Pipe	-

MECHANICAL PROPERTIES

Yield	min. 1300 N/mm ²
Tensile	1450 - 1750 N/mm ²
KV	
Are only given as typical value for round bar 50x50 mm	

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