



LIVALLCO STÅL AB
SMITH & STENSSON

Spring steel
58CrV4

DESIGNATIONS

Swedish standard	
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.8161

CHEMICAL COMPOSITION

C	0,55 - 0,62
Si	0,15 - 0,40
Mn	0,70 - 1,10
P	max. 0,035
S	max. 0,035
Cr	0,90 - 1,20
V	0,10 - 0,20
Fe	rest.

DIMENSION

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

MECHANICAL PROPERTIES

Yield	min. 885 N/mm ²
Tensile	1080 - 1270 N/mm ²
KV	
Are only given as typical value for round bar Ø 50 mm	

For more information, please contact LIVALLCO STÅL AB, Sweden
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