



LIVALLCO STÅL AB
SMITH & STENSSON

Alloyed boilersteel
X12CrMo9-1

DESIGNATIONS

Swedish standard	
ASTM / ASME std plate	A/SA 387 gr.9
ASTM / ASME std roundbar	A/SA 182 F9
ASTM / ASME std pipe	A/SA 335 P9
W.stoff nr	1.7386

CHEMICAL COMPOSITION

C	0,07 - 0,15
Cr	8,00 - 10,00
Mn	0,30 - 0,60
Mo	0,90 - 1,10
P	max. 0,025
S	max. 0,020
Si	0,25 - 1,00
Fe	rest.

DIMENSION

Plate	Yes
Roundbar	Yes
Flat/squaare	
Hexagon	
Forging	Yes
Pipe	Yes

MECHANICAL PROPERTIES

Yield	min. 390 N/mm ²
Tensile	590 - 740 N/mm ²
KV	

Are only given as typical value for plate in 10 mm thickn.

For more information, please contact LIVALLCO STÅL AB, Sweden
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