



**LIVALLCO STÅL AB**  
**SMITH & STENSSON**

# Wear resistant steel X120Mn12

## DESIGNATIONS

Swedish standard	
ASTM / ASME standard	A128 Grade B2
Similar grade	"Hadfield"
W.stoff nr	1.3401

## CHEMICAL COMPOSITION

C	1,10 - 1,30
Cr	max.1,50
Mn	12,0 - 13,0
P	max. 0,1
S	max. 0,04
Si	0,30 - 0,50
Fe	rest.

## DIMENSION

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

## MECHANICAL PROPERTIES

Yield	min. 410 N/mm <sup>2</sup>
Tensile	880 - 1130 N/mm <sup>2</sup>

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