



LIVALLCO STÅL AB
SMITH & STENSSON

Case hardening steel

35NiCrMoV12-5

DESIGNATIONS

Swedish standard
ASTM / ASME standard
Similar grade
W.stoff nr 1.6959

CHEMICAL COMPOSITION

C	0,30 - 0,40
Si	0,15 - 0,35
Mn	0,40 - 0,70
P	max. 0,015
S	max. 0,015
Al	max. 0,015
Cr	1,00 - 1,40
Mo	0,30 - 0,60
Ni	2,50 - 3,50
V	0,08 - 0,20

DIMENSION

Plate
Roundbar Ø 25 - 200 mm

MECHANICAL PROPERTIES

Yield
Tensile
KV