



LIVALLCO STÅL AB
SMITH & STENSSON

General structural steel
S355J0

DESIGNATIONS

Swedish standard	SS 2132~ / 2174~
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.0553

CHEMICAL COMPOSITION

C	max. 0,20
Cu	max. 0,55
Mn	max.1,60
N	max. 0,012
P	max. 0,03
S	max. 0,030
Si	max. 0,55
Fe	rest.

DIMENSION

Plate	
Roundbar	Ø 8 - 600 mm
Flat/square	Yes
Hexagon	Yes
Forging	Yes
Pipe	

MECHANICAL PROPERTIES

Yield	min. 355 N/mm ²
Tensile	470 - 630 N/mm ²
KV	

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



LIVALLCO STÅL AB
SMITH & STENSSON

General structural steel
S355J2+N

DESIGNATIONS

Swedish standard	SS 2132~ / 2174~
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.0577

CHEMICAL COMPOSITION

C	max. 0,20
Cu	max. 0,55
Mn	max. 1,60
P	max. 0,025
S	max. 0,025
Si	max. 0,55
Fe	rest.

DIMENSION

Plate	8 - 400 mm
Roundbar	Ø 8 - 800 mm
Flat/square	Yes
Hexagon	Yes
Forging	Yes
Pipe	Yes

MECHANICAL PROPERTIES

Yield	min. 355 N/mm ²
Tensile	470 - 630 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
Tel. +46 (0)302-150 10 info@livallco.se



LIVALLCO STÅL AB
SMITH & STENSSON

General structural steel
S355J2G3

DESIGNATIONS

Swedish standard	SS 2132~ / 2174~
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.0570

CHEMICAL COMPOSITION

C	max. 0,20
Mn	max. 1,60
P	max. 0,035
S	max. 0,035
Si	max. 0,55
Fe	rest.

DIMENSION

Plate	3 - 400 mm
Roundbar	Ø 20 - 800 mm
Flat/square	Yes
Hexagon	Yes
Forging	Yes
Pipe	Yes

MECHANICAL PROPERTIES

Yield	min. 355 N/mm ²
Tensile	490 - 630 N/mm ²
KV	

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

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LIVALLCO STÅL AB
SMITH & STENSSON

General structural steel S355NL

DESIGNATIONS

Swedish standard	SS 2135~
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.0546

CHEMICAL COMPOSITION

Al	min. 0,02
C	max. 0,18
Cr	max. 0,30
Cu	max. 0,55
Mn	0,90 - 1,65
Mo	max. 0,10
Ni	max. 0,50
Ti	max. 0,05
P	max. 0,025
S	max. 0,020

DIMENSION

Plate	3 - 200 mm
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MECHANICAL PROPERTIES

Yield	min. 355N/mm ²
Tensile	470 - 630 N/mm ²
KV	

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

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