



LIVALLCO STÅL AB
SMITH & STENSSON

General structural steel
S235J2G3

DESIGNATIONS

Swedish standard	SS 1312~
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.0116

CHEMICAL COMPOSITION

C	max. 0,17
Mn	max. 1,40
P	max. 0,035
S	max. 0,035
Fe	rest.

DIMENSION

Plate	3 - 250 mm
Roundbar	Yes
Flat/square	Yes
Hexagon	Yes
Forging	Yes
Pipe	Yes

MECHANICAL PROPERTIES

Yield	min. 235 N/mm ²
Tensile	340 - 470 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



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General structural steel
S235JR

DESIGNATIONS

Swedish standard	SS 1312~
ASTM / ASME standard	
Similar grade	
W.stoff nr	1.0037

CHEMICAL COMPOSITION

C	max.0,17
Mn	max. 1,40
N	max. 0,009
P	max. 0,045
S	max. 0,045
Fe	rest.

DIMENSION

Plate	3 - 120 mm
Roundbar	Yes
Flat/square	Yes
Hexagon	Yes
Forging	Yes
Pipe	Yes

MECHANICAL PROPERTIES

Yield	min. 235 N/mm ²
Tensile	340 - 470 N/mm ²
KV	+20°C / 27J

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

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