SALZGITTER FLACHSTAHL
A member of the Salzgitter Group

St 25

Mild non-alloy steels for cold-reducing

Material no.	1.0327
according to	DIN 1614, Teil 1[1)]
Tensile strength class	A

1) No valid norm

Usage

These steel grades are delivered as feed-stock for cold-rolling.

Chemical composition [1)]

(in percent by weight)

	min.	max.
C		0,08%
Mn		0,40%
P		0,025%
S		0,025%
N		– [2)]

1) Heat analysis

2) The nitrogen is fixed. The steel therefore contains at least 0.020 % of metallic aluminium. The use of other nitrogen-fixing elements must be agreed.

Available dimensions

Hot-rolled coils unpickled, mill edge

Thickness in mm	Width in mm
1,50 – 1,79	900 –1250
1,80 – 1,99	900 –1390
2,00 – 2,24	900 –1540
2,25 – 2,49	900 –1700
2,50 – 12,70	900 –1880

Widths < 900 mm and thicknesses > 12,70 mm on request.

Hot-rolled slit strip

Thickness in mm	Width in mm
1,50 – 1,79	100 – 515
1,80 – 1,99	100 – 635
2,00 – 2,24	100 – 760
2,25 – 7,00	100 – 800
7,01 – 8,00	140 – 800
8,01 – 9,00	175 – 800
9,01 – 10,00	233 – 800

Widths <100 mm on request

Condition of delivery, scope of testing and certificate

The provisions of DIN 1614-1 shall apply for delivery and inspection, chapters 8 and 9.

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