

# Datasheet

## Description

Conc. red., DIN2616/EN10253-1  
S235JRG2, certificate ohne

## Main data

508.00 x 6.30 / 355.60 x 5.60

D	508.00 mm
S1	6.30 mm
d	355.60 mm
S2	5.60 mm
L	508.00 mm



## Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: S235JRG2

Mat. grade: 1.0038

C	Si	Mn	P	S	Cr	Cu	Mo	Nb	Ni	Ti	V	Others
0.17		1.40	0.035	0.035		0.55						N

## Mechanical properties

Short name: S235JRG2

Mat. grade: 1.0038

Upper yield strength reH or Rp0.2 min for wallthicknesses T in mm, N/mm2 at room temperature		Tensile strength Rm for wallthickn. T in mm, N/mm2 at room temperature		Elongation A at room- temperature, min.%		Min. impact energy KV in J	
T<=16	16<T<=60	T<=16	16<T<=60	Longit.	Transv.	Longit.	Transv.
235	225	360-510	360-510	24	22		27

Sources: EN 10253, DIN 17175, DIN 2528, DIN 1629, Stahlschlüssel, ASTM