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Datasheet

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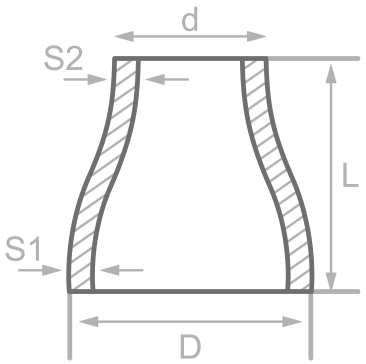
Description

Conc. red., DIN2616/EN10253-2-B
St35.8/I, certificate 3.1

Main data

219.10 x 5.00 / 88.90 x 3.20

D	219.10 mm
S1	5.00 mm
d	88.90 mm
S2	3.20 mm
L	152.00 mm





Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: St35.8/I

Mat. grade: 1.0305

C	Si	Mn	P	S	Cr	Cu	Mo	Nb	Ni	Ti	V	Others
0.17	0.35	0.80	0.040	0.040								

Mechanical properties

Short name: St35.8/I
Mat. grade: 1.0305

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	360-480	360-480	25	23		34

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

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