

Datasheet

Description

Tees, DIN2615/EN10253-2-A
St35.8/I, certificate 3.1

Main data

88.90 x 5.60 / 60.30 x 4.50 mm

d1	88.90 mm
S1	5.60 mm
d2	60.30 mm
S2	4.50 mm
a	86.00 mm
b	76.00 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/mm ² at room temperature		Tensile strength Rm for wallthickn. T in mm, N/mm ² 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