

Datasheet

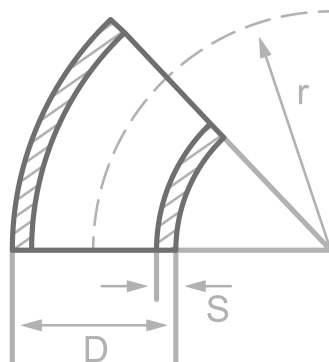
Description

Welded elbows, DIN2605/EN10253-2-A
3D-45°, P235TR1, certificate 3.1

Main data

Type 3/LR, 45°, 219.10 x 4.50

D	219.10 mm
S	4.50 mm
r	305.00 mm



Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: P235TR1

Mat. grade: 1.0254

C	Si	Mn	P	S	Cr	Cu	Mo	Nb	Ni	Ti	V	Others
0.16	0.35	1.20	0.025	0.020	0.30	0.30	0.08	0.01	0.30	0.04	0.02	

Mechanical properties

Short name: P235TR1

Mat. grade: 1.0254

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	350-480	350-480	25	23		

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