

Datasheet

Description

Elbows, DIN2605/EN10253-2-A-3D-90°
13CrMo45, certificate 3.1

Main data

Type 3/LR , 139.70 x 10.00 mm

D	139.70 mm
S	10.00 mm
r	190.00 mm

Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: 13CrMo45

Mat. grade: 1.7335

C	Si	Mn	P	S	Cr	Cu	Mo	Nb	Ni	Ti	V	Others
0.17	0.35	0.70	0.025	0.020	1.15	0.30	0.60		0.30			Al

Mechanical properties

Short name: 13CrMo45

Mat. grade: 1.7335

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.
290	290	440-590	440-590	22	20		

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