Datasheet

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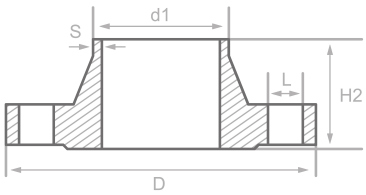
Description

WN flange, EN1092-1-11-B1, PN 16, 1.4571, certificate 3.1

Main data

DN 65/ 76.10 x 2.90 mm

d1	76.10 mm
S	2.90 mm
D	185.00 mm
H2	45.00 mm
L	4 x 18.00 mm





Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: 1.4571

Mat. grade: 1.4571

C	Si	Mn	P	S	Cr	Cu	Mo	Nb	Ni	Ti	V	Others
0.08	1.00	2.00	0.045	0.015	18.5		2.50		13.5	0.70		

Mechanical properties

Short name: 1.4571

Mat. grade: 1.4571

Upper yield strength reH or Rp0.2 min for wallthicknesses T in mm, N/mm2 at room		Tensile strength Rm for wallthickn. T in mm, N/mm2 at room temperature		Elongation A at room-		Min. impact energy KV in J	
T<=16	16<T<=60	T<=16	16<T<=60	Longit.	Transv.	Longit.	Transv.
		500-730	500-730	35	30	100	60

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

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