

Datasheet

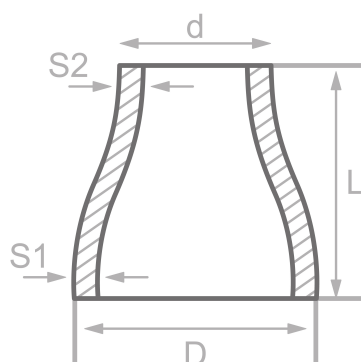
Description

Conc. red., DIN2616/EN10253-2-B
P355NH, certificate 3.1

Main data

48.30 x 4.00 / 33.70 x 4.00 mm

D	48.30 mm
S1	4.00 mm
d	33.70 mm
S2	4.00 mm
L	64.00 mm



Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: P355NH

Mat. grade: 1.0565

C	Si	Mn	P	S	Cr	Cu	Mo	Nb	Ni	Ti	V	Others
0.18	0.50	1.70	0.025	0.010	0.30	0.30	0.08	0.05	0.50	0.03	0.10	Al, N

Mechanical properties

Short name: P355NH

Mat. grade: 1.0565

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.
355	345	490-650	490-630	22	20	55	39

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