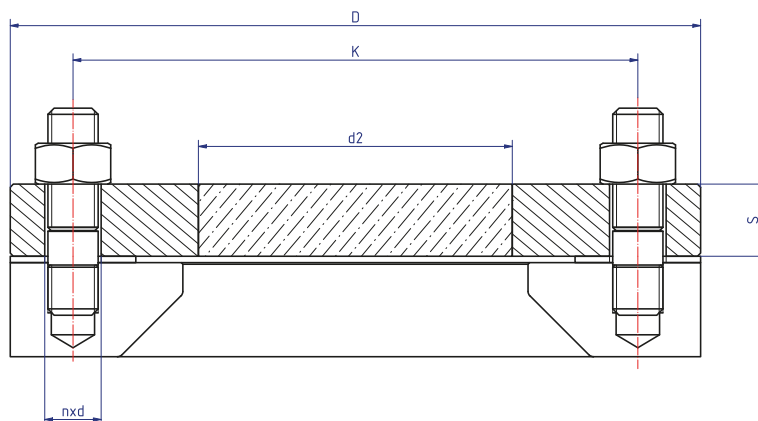
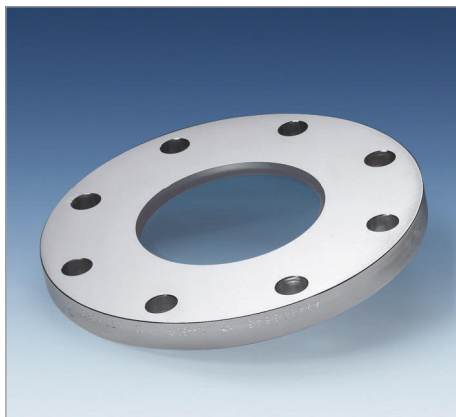


METAGLAS® Bolt-on sight glass flange – connection dimensions to ANSI B16.5



Applications

Flat face ANSI mating flange

Advantages

- Reliability against total failure - the possibility of unexpected rupture is excluded
- Long service life
- Smooth, easy-clean surface
- Maximum viewing
- Minimum installation height

Ring materials Temperature (TS)

S355J2+N	-10°C to +300°C
1.4462	-30°C to +280°C
2.4602	-60°C to +300°C
2.4605	-60°C to +300°C
2.4610	-60°C to +300°C

Approvals and technical data

- Pressure Equipment Directive 2014/68/EU, Module H (DIN/EN/ISO 9001)
- AD2000 Standards W0/TRD 100
- Sight glass fused to metal conforming to DIN 7079
- Materials to VdTÜV specifications and the DIN/EN designated standards
- Glass: borosilicate to DIN 7080 / DIN 7079

Operating conditions

- Pressure: PN20 to PN50, higher pressures possible
- Temperature: See table

Material certificates

- Certificate of Conformity to EN 10204-3.1 or 3.2 at a surcharge

Important

Requires parallel, flat face mounting flange and full gasket

PN20 – 150 lb/sq.in.

Flange				Glass	Mounting holes		Gasket
DN	D	K	S	D2	n	d	
1½"	127,0	98,6	20	40	4	15,7	127,0 x 70 x 2
2"	152,4	120,7	20	50	4	19,1	152,4 x 89 x 2
2½"	177,8	139,7	20	60	4	19,1	177,8 x 100 x 2
3"	190,5	152,4	20	75	4	19,1	190,5 x 114 x 2
4"	228,6	190,5	20	100	8	19,1	228,6 x 152 x 2
6"	279,4	241,3	25	135	8	22,4	279,4 x 203 x 2
8"	342,9	298,5	30	160	8	22,4	342,9 x 254 x 2

PN50 – 300 lb/sq.in.

Flange				Glass	Mounting holes		Gasket
DN	D	K	S	D2	n	d	
1½"	155,4	114,3	28	40	4	22,3	155,4 x 73 x 2
2"	165,1	127,0	30	50	8	19,0	165,1 x 89 x 2
2½"	190,5	149,3	30	60	8	22,3	190,5 x 108 x 2
3"	209,5	168,1	32	70	8	22,3	209,5 x 127 x 2
4"	254,0	200,1	36	100	8	22,3	254,0 x 146 x 2