

APPLICATION:

Sight glasses for clamp connections are used to observe illumination of the inside of closed vessels and pipes.

The sight glass can be mounted directly on a clamp connection according to DIN 32676. The sealing against the socket is made by a sealing ring whereby dead spaces are minimized by the flat contact surface.

INSTALLATION NOTE:

Before mounting, the sealing surfaces of the sight glass and clamping socket must be free of contamination and defects.

Suitable for clamping sockets according to DIN 32676

Operating conditions:

Temperature:	-30 °C up to 280 °C
(depending on glass and gasket)	(1.4462) -60 °C up to 300 °C (2.4602 und 2.4610)

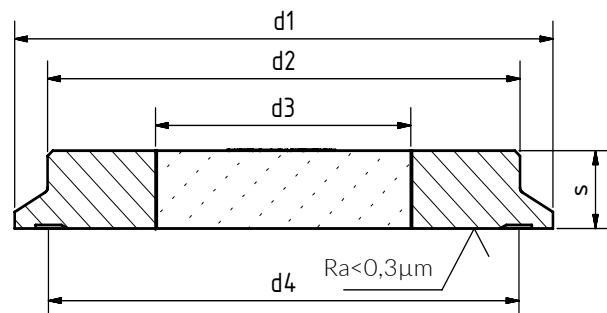
Pressure:	≤-0,9 ¹ up to 16 bar(g)
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¹Depending on environmental variables

Materials:

Flange:	1.4462; 2.4602; 2.4610
Glass:	Borosilicate glass similar to DIN 7080 / 7079

Special materials on request



DN	10	15	20	25	32	40	50	65	80	100	125	150	200	250	300
d1 [mm]	34	34	34	50,5	50,5	50,5	64	91	106	119	155	183	233,5	287,5	338,3
d2 [mm]	23	23	23	41	41	41	52	76	90	101	138	160	210	266	316
d3 [mm]	14	14	14	25	25	25	30	40	50	55	70	80	100	140	150
d4 [mm]	27,5	27,5	27,5	43,5	43,5	43,5	56,5	83,5	97	110	146	174,3	225,1	278,4	328,4
s [mm]	8	8	8	10	10	10	10	10	10	12	16	16	18	22	22
Pmax [bar(g)]	16	16	16	16	16	16	16	10	10	10	6	6	6	6	6

PRODUCTCODE:

Group	TYPE	DN	Ring	Variant
11	328	10	1: 1.4462	Assigned by ACI if required
		15	2: 2.4602	
		20	3: 2.4610	
		25		
			
		150		
		200		
		250		
		300		

INFO: Unless otherwise stated, the factory standard highlighted is supplied.

SPECIAL DESIGNS / OPTIONS:

- a) Wiper
- b) LED lights for EX and Non-EX areas.
- c) Clamp
- d) Sealing rings (NBR, Silicone, FKM, PTFE, EPDM)

EXAMPLE:

11-328-150-1-000 equivalent to:
ACI Type 328
DN 150
Ring made of 1.4462
Standard design



RECOMMENDATION:

For aggressive media or steam, mica discs should be used to protect the glass.