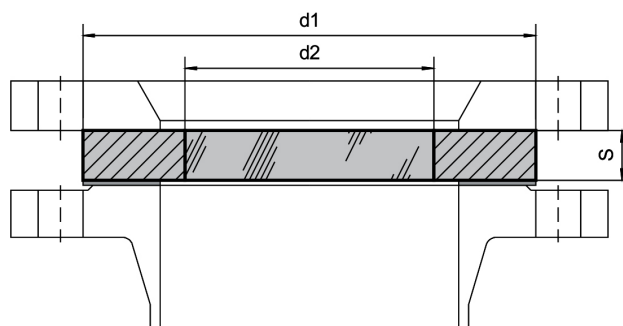
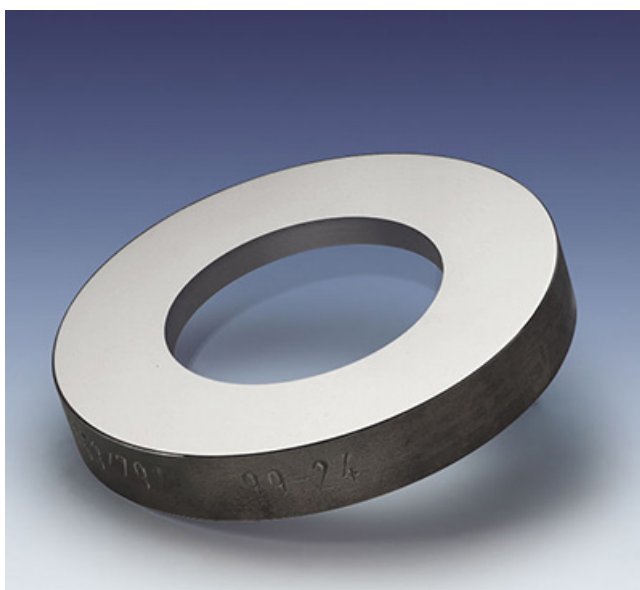


# Sight Glass Discs for Welding Neck Flanges type 76 connection to DIN



## Applications:

As a replacement for conventional glasses in the following assemblies:

- Circular sight ports to DIN 28121
- Plus any other assemblies where the glass is of the same dimensions, e.g. weld neck flanges with flat or raised face

## Advantages:

- Reliability against total failure – the possibility of sudden unexpected rupture is totally excluded
- High resistance to bending and over-tightening offers simple and fast installation with no risk of breakage
- Extreme resistance to impact, pressure and temperature
- Reusable in the same or other applications – conventional glass is not available
- Wide acceptance in the European & American chemical industries

## Operating conditions:

- Pressure: Up to 40 bar (TÜV) – Higher pressures possible
- Temperature: -60 °C to +300 °C

## Technical data:

Manufactured and tested in conformance with:

- Pressure Equipment Directive 2014/68/EU, Module H/H1 (DIN/EN/ISO 9001)
- AD2000 Standards W0/TRD 100
- TÜV and Factory Mutual Approval
- Sight glass fused to metal conforming to DIN 7079

## Material certificates:

- Certificate of Conformity to EN 10204-3.1 or 3.2

## Material:

- Glass: Borosilicate to DIN 7080 / DIN 7079

Ring materials	Operating temperature
1.0570	-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

Nominal size	Maximum pressure 16 bar			Maximum pressure 40 bar		
	d1	d2	S	d1	d2	S
25	70	30	10	70	30	15
32	82	40	12	82	40	15
40	92	45	15	92	45	20
50	107	50	15	107	50	20
65	127	70	15	127	70	25
80	142	75	20	142	75	25
100	162	80	20	162	80	25
125	192	100	20	192	100	30
150	218	100	25	218	100	35
200	273	125	30	273	120	40