

GN 743

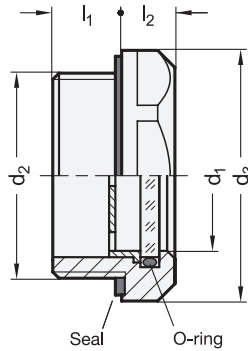
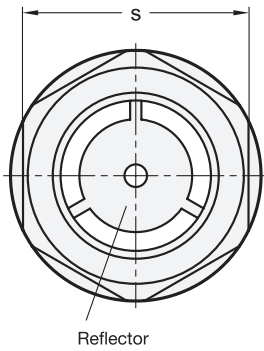
Resistant up to 212 °F

GN 743.1

Resistant up to 356 °F

Fluid Sight Glasses

Aluminum



3 Type

- A** With reflector, plain finish
- AS** With reflector, black anodized finish
- B** Without reflector, plain finish
- BS** Without reflector, black anodized finish

Metric table

d ₁	d ₂		d ₃	l ₁	l ₂	s
	Pipe thread	Fine thread				
7 0.28	G 1/4	M 14 x 1.5	-	7.5 0.30	6.5 0.26	18 0.71
11 0.43	G 3/8	M 16 x 1.5	-	8 0.31	7.5 0.30	20 0.79
14 0.55	G 1/2	M 20 x 1.5	-	8.5 0.33	7.5 0.30	23 0.91
18 0.71	G 3/4	M 26 x 1.5	M 27 x 1.5	9 0.35	8 0.31	30 1.18
24 0.94	G 1	M 33 x 1.5	-	11 0.43	8.5 0.33	36 1.42
32 1.26	G 1 1/4	M 40 x 1.5	M 42 x 1.5	12 0.47	9 0.35	46 1.81
32 1.26	G 1 1/2	-	-	13 0.51	9 0.35	55 2.17

Dimensions in: millimeters - inches

Specification

- Body
Aluminum, fine turned
- Type A and B: Plain finish
- Type AS and BS: Black anodized finish
- Reflector
Plastic
Technopolymer (Polysulfon)
- **GN 743**
- Temperature resistant up to 212 °F (100 °C)
- Sight glass
Float glass
- Seal
Rubber NBR (Perbunan®)
- **GN 743.1**
- Temperature resistant up to 356 °F (180 °C)
- Sight glass
ESG safety glass
- Seals
Rubber FPM (Viton®)
Identification by non-black coloring of the seal
- RoHS compliant

Accessory

- Thin hex nuts GN 7430 → page 1714

Information

GN 743 and GN 743.1 fluid sight glasses offer a scratch proof sight glass of high stability. The placement of the seal on the outer diameter of the glass eliminates leakage independent from over or under tightening of the sight glass.

The outer diameter of these fluid sight glasses with recessed hex is matched to screw-in holes for pipe fittings according to DIN 3852.

The seal is embedded in a radial recess, and thus cannot be lost or squeezed out during tightening.

These fluid sight glasses can also be used on pressurized tanks. Tests regarding maximum pressure are available.

Assembly note:

For wall thicknesses below 0.16 in (4 mm), use GN 7430 thin hex nuts.

see also...

- Fluid Sight Glasses GN 743.5 (Stainless Steel Body) → page 1642

On request

- EPDM seals

How to order (Resistant up to 212 °F)	1 Diameter d ₁
1 2 3 GN 743-32-M40x1.5-A	2 Fine thread d ₂ (Pipe thread d ₂)
	3 Type
How to order (Resistant up to 356 °F)	1 Diameter d ₁
1 2 3 GN 743.1-18-G3/4-BS	2 Pipe thread d ₂ (Fine thread d ₂)
	3 Type