

GN 743.4

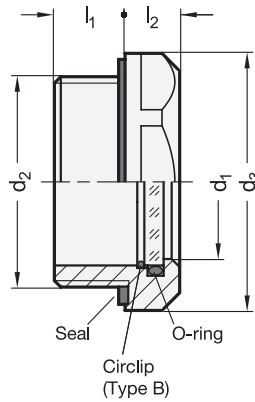
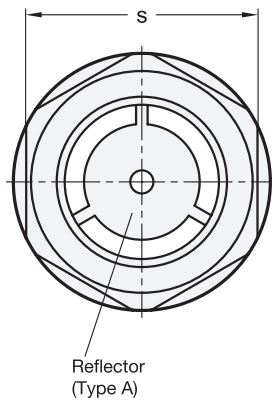
Resistant up to 212 °F

GN 743.5

Resistant up to 356 °F

Fluid Sight Glasses

Stainless Steel



SS Stainless Steel

3 Type

- A With reflector
- B Without reflector

Metric table

d ₁	d ₂		d ₃	l ₁	l ₂	s
	Pipe thread	Fine thread				
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 42 x 1.5	M 42 x 2	12 0.47	9 0.35	46 1.81

Dimensions in: millimeters - inches

Specification

- Body
Stainless steel AIS 303
- Reflector (Type A)
Plastic
Technopolymer (Polysulfan)
- Circlip (Type B)
Stainless steel AISI 301
- **GN 743.4**
 - Temperature resistant up to 212 °F (100 °C)
 - Sight glass
Float glass
 - Seals
Rubber NBR (Perbunan®)
- **GN 743.5**
 - 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
- *Plastic Characteristics* → page 2135
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

Accessory

- Thin hex nuts GN 7430 → page 1714

Information

GN 743.4 and GN 743.5 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 / GN 743.1 (Aluminum Body)* → page 1640
- *Fluid Sight Glasses GN 743.2 / GN 743.3 (Brass Body)* → page 1641

On request

- EPDM seals

How to order (Resistant up to 212 °F)	1 Diameter d ₁
GN 743.4-14-G1/2-A	2 Pipe thread d ₂ (Fine thread d ₂)
	3 Type
How to order (Resistant up to 356 °F)	1 Diameter d ₁
GN 743.5-24-G1-B	2 Pipe thread d ₂ (Fine thread d ₂)
	3 Type