



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

**1**

**2**

d <sub>1</sub>	d <sub>2</sub>			d <sub>3</sub>	l <sub>1</sub>	l <sub>2</sub>	s
7	G 1/4	M 14 x 1,5	-	20	7,5	6,5	18
11	G 3/8	M 16 x 1,5	-	22	8	7,5	20
14	G 1/2	M 20 x 1,5	-	26	8,5	7,5	23
18	G 3/4	M 26 x 1,5	M 27 x 1,5	32	9	8	30
24	G 1	M 33 x 1,5	-	40	11	8,5	36
32	G 1 1/4	M 40 x 1,5	M 42 x 1,5	50	12	9	46
32	G 1 1/2	-	-	60	13	9	55

**Specification**

- Body  
Aluminum  
- Type A and B  
Fine turned, plain  
- Type AS and BS  
Fine turned, black anodized
- Reflector  
Technopolymer (Polysulfon)
- **GN 743**  
- Temperature resistant up to **100 °C**  
- Sight glass float glass  
- Seals, rubber NBR (Perbunan®)
- **GN 743.1**  
- Temperature resistant up to **180 °C**  
- Sight glass security glass (ESG)  
- Seals, rubber FPM (Viton®)  
Identification by not black finish of the seal
- *Elastomer Characteristics* → Page 2158
- *Plastic Characteristics* → Page 2158
- **RoHS**

**Accessory**

- Mounting Nuts GN 7430 → Page 1632

**On request**

- EPDM seals

**Information**

Oil sight glasses GN 743 / GN 743.1 offer a sight glass of high stability and scratch proof. The seal is achieved with an O-ring on the **periphery** and not on the face edge of the glass. Leak tightness is therefore not affected by axial pressures.

The outside diameter of these oil sight glasses with recessed hexagon is chosen to match mounting holes for tube connections according to DIN 3852.

The sealing ring is housed in a groove and it can therefore not be lost. In addition, this groove prevents the seal from being extruded when the sight glass is tightened.

Oil sight glasses GN 743 / GN 743.1 can also be used on pressurised tanks. Tests regarding maximum pressure are available.

**Assembly instruction:**

For mounting on walls of less than 4 mm thickness please use mounting nuts GN 7430.

see also...

- *Stainless Steel Oil Sight Glasses GN 743.5* → Page 1546
- *ATEX Sight Glasses GN 743.6* → Page 1547
- *Oil Sight Glasses GN 743.7 / GN 743.8 (with Conical Thread)* → Page 1548

How to order (100 °C)	1 d <sub>1</sub>
<b>GN 743-32-M40x1,5-A</b>	2 d <sub>2</sub>
	3 Type

How to order (180 °C)	1 d <sub>1</sub>
<b>GN 743.1-18-G3/4-BS</b>	2 d <sub>2</sub>
	3 Type