



1

2

d ₁	d ₂	d ₃	l ₁	l ₂	s	Recommended tightening torque in Nm
15	G 1/2	28	10	8,5	24	6 ... 8
18	G 3/4	35	9,5	8,5	32	8 ... 10
23	G 1	42,5	11	9,5	38	10 ... 12

Specification

- Body
Plastic
Technopolymer (Polyamide PA)
Black, matte finish
- **GN 543.3**
 - Temperature resistant up to **100 °C**
 - Sight glass
Plastic
Crystal clear Polyamide (PA-T)
 - Pressure resistant up to 3 bar
 - Seal, rubber NBR (Perbunan®)
- **GN 543.4**
 - Temperature resistant up to **140 °C**
 - Sight glass
Plastic
transparent, sulfonic acid-based
 - Pressure resistant up to 7 bar
 - Seal, rubber FPM (Viton®)
- *Plastic Characteristics* → Page 2158
- RoHS

Accessory

- Mounting Nuts GN 7430 → Page 1632

Information

The window of prismatic oil sight glasses GN 543.3 / GN 543.4 is embedded in the body during the injection process and it is therefore absolutely leaktight.

These oil sight glasses use the so-called prismatic effect of a „cat’s eye“ to give a clear and unmistakable oil level reading irrespective of oil color or viscosity. The advantage of these effects becomes obvious in case of a total underfilling or overfilling and monitoring the situation under unfavourable conditions.

The sealing ring is embedded in a radial undercut and it cannot be extruded during the tightening operation.

Assembly instruction:

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

see also...

- *Oil Sight Glasses GN 541.2 (with Prismatic Effect)* → Page 1551
- *Oil Sight Glasses GN 744 (with Prismatic Effect)* → Page 1549

How to order (100 °C)

GN 543.3-23-G1

1 d₁

2 d₂

How to order (140 °C)

GN 543.4-18-G3/4

1 d₁

2 d₂