



Metric table

Dimensions in: millimeters - inches

EN 541.2							
d ₁	d ₂ Pipe thread	d ₃	l ₁	l ₂	s	Recommended tightening torque in Nm	
9 0.35	G 1/4	18 0.71	10 0.39	6 0.24	15 0.59	2 ... 3	
11 0.43	G 3/8	22 0.87	7.5 0.30	7 0.28	19 0.75	3 ... 5	
14 0.55	G 1/2	26 1.02	10.5 0.41	8 0.31	22 0.87	4 ... 6	
20 0.79	G 3/4	31.5 1.24	10.5 0.41	9 0.35	27 1.06	6 ... 8	
25 0.98	G 1	40 1.57	11 0.43	10 0.39	34 1.34	8 ... 10	

EN 541.3							
d ₁	d ₂ Pipe thread	d ₃	l ₁	l ₂	s	Recommended tightening torque in Nm	
15 0.59	G 1/2	28 1.10	10.5 0.41	9 0.35	24 0.94	8 ... 10	
20 0.79	G 3/4	35 1.38	10.5 0.41	10.5 0.41	32 1.26	10 ... 12	
24 0.94	G 1	42.5 1.67	11 0.43	13.5 0.53	38 1.50	10 ... 12	
30.5 1.20	G 1 1/4	52 2.05	19 0.75	16 0.63	41 1.61	12 ... 14	

Specification

- Body
Plastic
Crystal clear Polyamide PA-T
- Aging resistant
- High mechanical strength
- Temperature resistant up to 212 °F (100 °C)
- Solvent resistant, but not alcohol resistant
- Seal
Rubber NBR (Perbunan®)
- *Plastic Characteristics* → page 2135
- **RoHS compliant**

Accessory

- Thin hex nuts GN 7430 → page 1714

Information

EN 541.2 / EN 541.3 fluid sight glasses made of polyamide plastic have a high mechanical strength. Therefore, they can be produced with thinner walls.

These fluid sight glasses use the prismatic effect of a cat's eye to give a clear indication of the fluid level unaffected by fluid color or fluid viscosity. The advantage of this effect is particularly obvious in the case of underfilling or overfilling and for inspection under unfavorable light conditions.

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.

How to order (With exposed seal) 1 Diameter d ₁ 2 Pipe thread d ₂ EN 541.2-14-G1/2	1	Diameter d ₁
	2	Pipe thread d ₂
How to order (With recessed seal) 1 Diameter d ₁ 2 Pipe thread d ₂ EN 541.3-20-G3/4	1	Diameter d ₁
	2	Pipe thread d ₂