



Metric table

Dimensions in: millimeters - inches

d ₁	d ₂ Pipe thread		d ₃	d ₄	l ₁	l ₂	s	Recommended tightening torque in Nm
	EN 546	EN 546.1						
15 <i>0.59</i>	G 3/8	-	22.5 <i>0.89</i>	-	7.5 <i>0.30</i>	13 <i>0.51</i>	19 <i>0.75</i>	3 ... 5
19 <i>0.75</i>	G 1/2	G 1/2	26 <i>1.02</i>	7 <i>0.28</i>	10.5 <i>0.41</i>	16 <i>0.63</i>	22 <i>0.87</i>	4 ... 6
25 <i>0.98</i>	G 3/4	G 3/4	31.5 <i>1.24</i>	12 <i>0.47</i>	10.5 <i>0.41</i>	19.5 <i>0.77</i>	27 <i>1.06</i>	6 ... 8
31 <i>1.22</i>	G 1	G 1	42 <i>1.65</i>	15 <i>0.59</i>	11 <i>0.43</i>	24 <i>0.94</i>	36 <i>1.42</i>	8 ... 10
38 <i>1.50</i>	G 1 1/4	-	46.5 <i>1.83</i>	-	11.5 <i>0.45</i>	26.5 <i>1.04</i>	40.5 <i>1.59</i>	12 ... 15

Specification

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

Accessory

- Thin hex nuts GN 7430 → page 1714

Information

EN 546 and EN 546.1 fluid sight glasses are mainly used as fluid circulation indicators.

These fluid sight glasses made of polyamide plastic have a high mechanical strength. Therefore, they can be produced with thinner walls and with a large viewing window.

Assembly note:

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

How to order (Without marking ring) 1 2 EN 546-25-G3/4	1	Diameter d ₁
	2	Pipe thread d ₂
How to order (With marking ring) 1 2 EN 546.1-31-G1	1	Diameter d ₁
	2	Pipe thread d ₂

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

