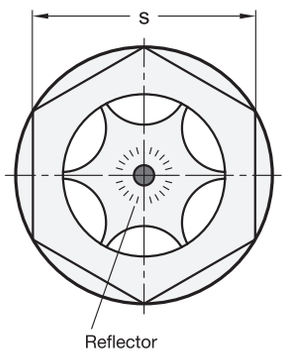

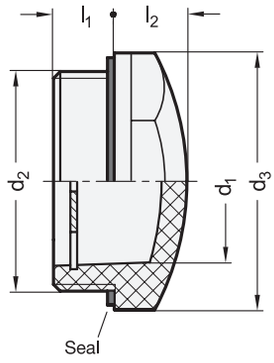

Inch | Metric

elesa
Original design HFTX.

3 Type

A With reflector
B Without reflector

Specification

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

Accessory

- Thin hex nuts GN 7430 → *page 1714*

Information

EN 541 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.

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 (Inch)
1 2 3
EN 541-19-11/16X12-A

1	Diameter d_1
2	Fine thread d_2
3	Type

How to order (Metric)
1 2 3
EN 541-18-M25X1.5-B

1	Diameter d_1
2	Fine thread d_2 (Pipe thread d_2)
3	Type

Inch table

Dimensions in: inches - *millimeters*

[1] d_1	[2] d_2 Fine thread	d_3	l_1	l_2	s	Recommended tightening torque in Nm
0.51 *13*	3/4 x 16	1.02 *26*	0.59 *15*	0.31 *8*	0.87 *22*	3
0.75 *19*	1 1/16 x 12	1.38 *35*	0.59 *15*	0.39 *10*	1.18 *30*	5

Metric table

Dimensions in: millimeters - *inches*

[1] d_1	[2] d_2 Fine thread	d_3	l_1	l_2	s	Recommended tightening torque in Nm
11 *0.43*	M 16 x 1.5	22 *0.87*	8 *0.31*	7 *0.28*	19 *0.75*	2 ... 3
14 *0.55*	M 20 x 1.5	26 *1.02*	9.5 *0.37*	8 *0.31*	22 *0.87*	8 ... 10
18 *0.71*	M 25 x 1.5	31.5 *1.24*	8 *0.31*	9 *0.35*	27 *1.06*	8 ... 10
18 *0.71*	M 26 x 1.5	31.5 *1.24*	13 *0.51*	9 *0.35*	27 *1.06*	8 ... 10
20 *0.79*	M 27 x 1.5	31.5 *1.24*	9 *0.35*	9 *0.35*	27 *1.06*	8 ... 10
22 *0.87*	M 30 x 1.5	35 *1.38*	9 *0.35*	10 *0.39*	30 *1.18*	8 ... 10
25 *0.98*	M 35 x 1.5	40 *1.57*	11 *0.43*	10 *0.39*	34 *1.34*	8 ... 10
30 *1.18*	M 40 x 1.5	47 *1.85*	11.5 *0.45*	13 *0.51*	40.5 *1.59*	8 ... 10

[1] d_1	[2] 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
30 *1.18*	G 1 1/4	47 *1.85*	11.5 *0.45*	13 *0.51*	40.5 *1.59*	8 ... 10