

Metric table

Dimensions in: millimeters - inches

¹ l ₁	² m	d ₁	d ₂	h ₁	h ₂	l ₂	For profile widths s ₂ - s ₁ - s ₂
89 3.50	35 1.38	6.5 0.26	8 0.31	16 0.63	8 0.31	36 1.42	30 - 30 - 30 1.18 - 1.18 - 1.18
109 4.29	40 1.57	6.5 0.26	8 0.31	16 0.63	8 0.31	36 1.42	40 - 30 - 40 1.57 - 1.18 - 1.57
99 3.90	40 1.57	6.5 0.26	8 0.31	16 0.63	8 0.31	36 1.42	30 - 40 - 30 1.18 - 1.57 - 1.18
119 4.69	45 1.77	6.5 0.26	8 0.31	16 0.63	8 0.31	36 1.42	40 - 40 - 40 1.57 - 1.57 - 1.57
104 4.09	42.5 1.67	6.5 0.26	8 0.31	16 0.63	8 0.31	36 1.42	30 - 45 - 30 1.18 - 1.77 - 1.18
124 4.88	47.5 1.87	6.5 0.26	8 0.31	16 0.63	8 0.31	36 1.42	40 - 45 - 40 1.57 - 1.77 - 1.57
134 5.28	50 1.97	6.5 0.26	8 0.31	16 0.63	8 0.31	36 1.42	45 - 45 - 45 1.77 - 1.77 - 1.77
119 4.69	50 1.97	6.5 0.26	8 0.31	16 0.63	8 0.31	36 1.42	30 - 60 - 30 1.18 - 2.36 - 1.18
139 5.47	55 2.17	6.5 0.26	8 0.31	16 0.63	8 0.31	36 1.42	40 - 60 - 40 1.57 - 2.36 - 1.57
149 5.87	57.5 2.26	6.5 0.26	8 0.31	16 0.63	8 0.31	36 1.42	45 - 60 - 45 1.77 - 2.36 - 1.77

Specification

- Body
Plastic
Technopolymer (Polyamide PA)
 - Black, matte finish SW
 - Gray, matte finish LG
 - Temperature resistant up to 265 °F (130 °C)
- Pin
Steel, nickel plated
- Load Rating Information → page QVX
- Plastic Characteristics → page QVX
- RoHS compliant

Information

EN 159.1 double hinges are suitable for simple installation on standard commercially available T-slot aluminum profile extrusions. They will support the weight of a door by utilizing the provided rectangular positioning elements. These are simply clipped into recesses in the hinge wings. They will fit 8 mm and 10 mm wide slots. For every profile combination s₂ - s₁ - s₂, the positioning elements in the commercial slot widths b are included.

see also...

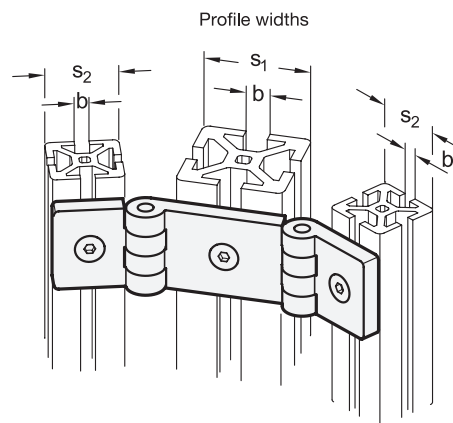
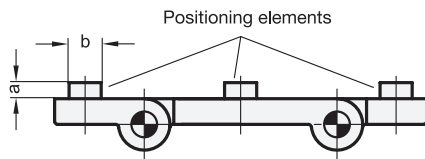
- Product Family Standard Parts for Profile Systems → page QVX
- List of Hinge Types → page QVX
- Hinges EN 159 (Technopolymer Plastic, for Profile Systems) → page QVX

How to order ¹ ² ³ EN 159.1-119-45-LG	1 Width l ₁
	2 Bore distance m
	3 Color



Positioning elements

Application example



Profile width	b Nut width	a
30 1.18	6 0.24	2 0.08
30 1.18	8 0.31	2 0.08
40 and 45 1.57 / 1.77	8 0.31	4 0.16
40 and 45 1.57 / 1.77	10 0.39	4 0.16
60 2.36	10 0.39	5 0.20
60 2.36	12 0.47	5 0.20

The positioning elements are clipped into the corresponding recesses of the hinge wing.