

<sup>1</sup> l <sub>1</sub>	<sup>2</sup> m	d <sub>1</sub>	d <sub>2</sub>	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	l <sub>2</sub>	For slot width s <sub>2</sub> - s <sub>1</sub> - s <sub>2</sub>
89	35	6,5	8	16	8	16	36	30 - 30 - 30
109	40	6,5	8	16	8	16	36	40 - 30 - 40
99	40	6,5	8	16	8	16	36	30 - 40 - 30
119	45	6,5	8	16	8	16	36	40 - 40 - 40
104	42,5	6,5	8	16	8	16	36	30 - 45 - 30
124	47,5	6,5	8	16	8	16	36	40 - 45 - 40
134	50	6,5	8	16	8	16	36	45 - 45 - 45
119	50	6,5	8	16	8	16	36	30 - 60 - 30
139	55	6,5	8	16	8	16	36	40 - 60 - 40
149	57,5	6,5	8	16	8	16	36	45 - 60 - 45

**Specification**

- Plastic (Polyamide PA)
  - Black, matte finish
  - Gray, matte finish
  - Temperature resistant up to 130° C
- Pin  
Steel, nickel-plated
- *Load Rating Information* → Page 2126
- *Plastic Characteristics* → Page 2158
- RoHS



**Information**

Double hinges GN 159.1 are suitable for simple installation on standard commercially available extrusions to support the weight of a door by utilising the enclosed rectangular positioning elements. These are simply clipped into recesses in the hinge wings.

For every profile combination s<sub>2</sub> - s<sub>1</sub> - s<sub>2</sub>, the positioning elements in the commercial groove widths b are included.

Assembly sets GN 965 / GN 968 are used for the assembly on profile rails.

see also...

- *Product Family Standard Parts for Profile Systems* → Page 18
- *List of Hinge Types* → Page 1284 ff.
- *Hinges GN 159 (for Profile Systems)* → Page 1320
- *Assembly Sets for Profile Systems 30 / 40 GN 965* → Page 2086
- *Assembly Sets for Profile Systems 30 / 40 / 45 GN 968* → Page 2096

**How to order**

**GN 159.1-119-45-LG**

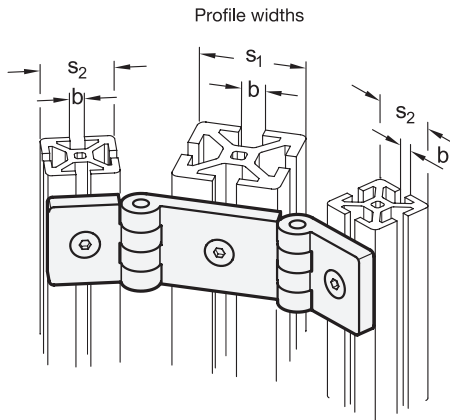
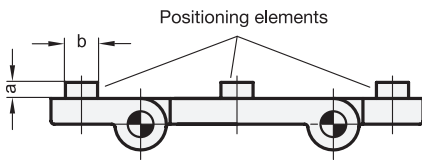
<sup>1</sup>	l <sub>1</sub>
<sup>2</sup>	m
<sup>3</sup>	Color



3.1  
3.2  
3.3  
3.4  
3.5  
3.6

**Positioning elements**

**Application example**



Profile width	<b>b</b> Nut width	<b>a</b>
30	6	2
30	8	2
40 and 45	8	4
40 and 45	10	4
60	10	5
60	12	5

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

3.7  
3.8  
3.9

