

1 2

$l_1$	$l_2$	$a$	$d_1$	$d_2$	$h_1$	$h_2$	$l_3$	$l_4$	$l_5$	$m_1$	$m_2$	$s$
35	64	2	5,5	8	16	9	16	31	6	19	19	8,5

**Specification**

- Plastic (Polyamide PA)
  - Glass fiber reinforced
  - Black, matte finish
  - Temperature resistant up to 80 °C
- Pin  
Plastic (Polyacetal POM)
- *Load Rating Information* → Page 2126
- *Plastic Characteristics* → Page 2158
- RoHS

**Information**

On hinges GN 160.1 the two pin halves which form the fulcrum are offset from each other by 0.5 mm and therefore, eccentric. Hence the position of the door can be altered or readjusted in relation to the frame.

see also...

- *List of Hinge Types* → Page 1284 ff.
- *Hinges GN 160* → Page 1384
- *Hinges GN 161.2* → Page 1383

How to order

**GN 160.1-35-64**

1	$l_1$
2	$l_2$

### Construction and assembly instruction

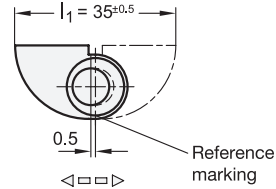
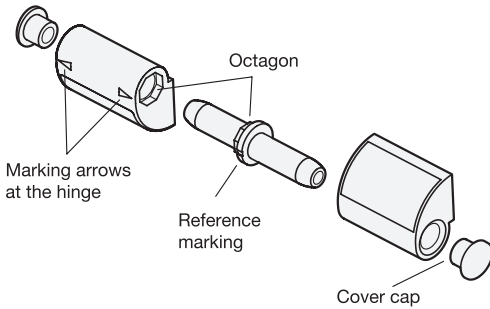
The hinge section is to be attached to the door frame with the octagon holder.

The caps are removable, allowing the pin to be inserted from both sides. The fixed hinge section can so be attached to a door frame positioned either on the left or on the right.

First insert the pin such that the reference marking of the pin coincides with the arrow at the hinge.

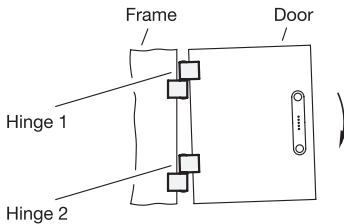
The eccentric pin is to be placed in eight positions via the octagon.

Depending on position,  $l_1$  changes: min. 34.5 / max. 35.5.

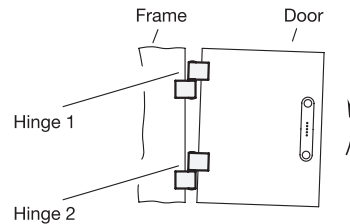


### Aligning the door

To align the door, the eccentric pin of the top and bottom hinge may be turned into the required position.



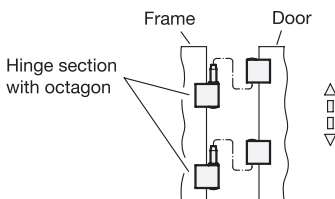
Hinge 1: Turn pin anti-clockwise  
Hinge 2: Turn pin clockwise



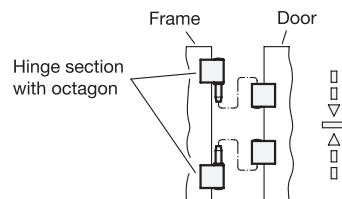
Hinge 1: Turn pin clockwise  
Hinge 2: Turn pin anti-clockwise

### Hinge layout

#### Door unhingeable



#### Door not unhingeable



Top hinge section:  
Pin turned by 180°, cover attached on the opposite side.  
The top hinge section may be mounted to the frame only after the bottom hinge has been hung.

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9

