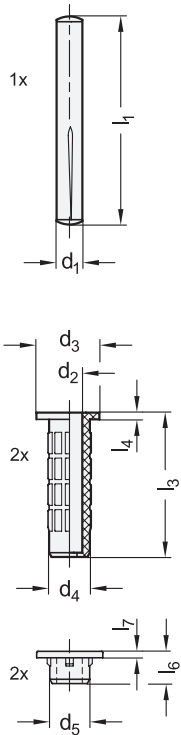
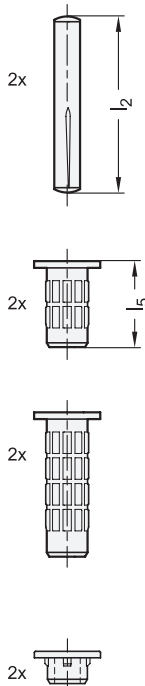


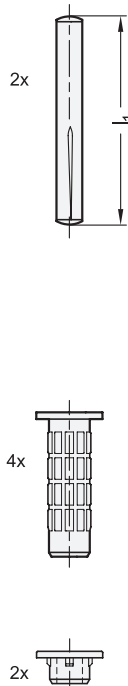
Identification no. 1



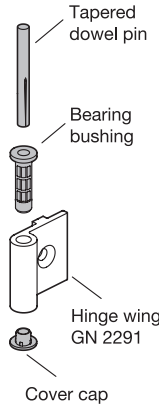
Identification no. 2



Identification no. 3



**Assembly instruction**



**Identification no.**

- 1 For two-part hinges
- 2 For three-part hinges, with short middle wing
- 3 For three-part hinges, with elongated middle wing

d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub> ± 0,2	d <sub>4</sub>	d <sub>5</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub>	l <sub>6</sub>	l <sub>7</sub>
6	6,15	13,9	8	7,8	60	50	33	1	20	7,5	1,5

**Specification**

- Bearing bushing / Cover cap  
Plastic  
Technopolymer (Polyamide PA)  
Graphite gray, RAL 7024
- Tapered dowel pin ISO 8741  
Steel  
Zinc plated, blue passivated
- *Plastic Characteristics* → Page 2158
- RoHS



**Information**

Bolt sets GN 2290 are designed as accessories for GN 2291 hinge wings for mounting individual hinge versions.

Bolt sets with identification no. 1 are designed for hinges with two hinge wings, bolt sets with identification no. 2 and 3 are designed for hinges with three hinge wings. Bolt sets with identification no. 2 are used exclusively for short middle wings with a length of 40 mm. Bolt sets with identification no. 3 must be used for longer middle wings.

**see also...**

- *Hinge Wings GN 2291* → Page 1318
- *Hinges GN 2292 (with Guide Step)* → Page 1380
- *Hinges GN 2294* → Page 1381
- *Hinges GN 2295 (Three-Part)* → Page 1314 / 1315

**How to order**

**GN 2290-1-GR**

1	Identification no.
2	Color

Mounting information	
<p>Hinge, left</p> <p>Hinge, right</p>	<p><b>Left / right hinges</b></p> <p>Right or left hinges can be created by the direction in which the bearing bushings are inserted into the hinge wing.</p>
<p>Door to be unhinged</p> <p>Door not to be unhinged</p> <p>Cabinet U-handle GN 565.1</p>	<p><b>Mounting on door frames</b></p> <p>For mounting a door that should be removable, two hinges of the same type must be attached to the door frame.</p> <p>If the door is not supposed to be removable, the door must be mounted with at least one right hinge and at least one left hinge.</p>
<p>M6x20</p> <p>1.</p> <p>2.</p> <p>3.</p> <p>4.</p> <p>5.</p> <p>6.</p> <p>7.</p>	<p><b>Mounting</b></p> <ol style="list-style-type: none"> <li>1. Position the bearing bushing with the desired installation direction on the hinge wing. Then insert a screw with a collar such as socket button head screws ISO 7380 into the bearing bushing to protect the bearing bushing collar from damage while pounding in.</li> <li>2. Pound in the bearing bushing until about 1 mm remains between the bearing bushing collar and the hinge wing.</li> <li>3. Remove the burr on the bearing bushing using a knife.</li> <li>4. Pound in the bearing bushing all the way.</li> <li>5. Remove the screw.</li> <li>6. Pound a tapered dowel pin into the bearing bushing.</li> <li>7. Place the cover cap on the opposite side of the hinge wing.</li> </ol> <p>Insert the other bearing bushings according to points 1 to 5.</p>

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9