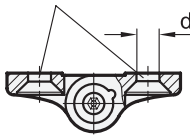


**4 Type**

**A** 2x2 bores  
for countersunk head screw

Bore for counter-sunk head screw  
DIN 7991



**2**

**3**

$l_1$	$l_2$	$d$	$h_1$	$h_2$	$h_3$	$h_4$	$l_3$	$m_1$	$m_2$	A/F	max. recommended tightening torque of the set screw in Nm	Friction torque in Nm $\approx$
40	40	5,3	13,5	5	7	14	13	25	25	2,5	0,5	2
50	50	6,5	15,5	6	8	16	16,5	30	30	3	0,75	4
60	60	8,3	18,5	7,5	9,5	19	20	36	36	4	1,5	6,5

**Specification**

**1**

**5**

- Zinc die casting **ZD**  
plastic coated  
black, RAL 9005, textured finish **SW**  
silver, RAL 9006, textured finish **SR**
- Friction cone  
Plastic (Polyacetal POM)  
temperature resistant up to 80 °C
- Set screw / Hexagon nut  
Steel  
zinc plated, blue passivated
- Plastic characteristics → Page 1483
- Load rating information → Page 1460
- RoHS compliant

**Information**

The setscrew in the hinges GN 437 allows the mobility of the hinge to be changed. This also generates a constant braking torque adjustable across the whole of the rotating range. The rotation of doors and flaps is so inhibited, also preventing the inadvertent movement.

The friction torque is accomplished by interlocking two slim friction cones. The large friction surface and the hard-wearing plastic of the friction cones guarantee a long service life with virtually constant stiffness.

Owing to the structure and the prestress of the friction cones, the hinge has virtually no radial play and no play at all in axial direction.

see also...

- List of hinge types → Page 956 ff.
- Hinges GN 233 (with adjustable friction) → Page 984

How to order

<b>1</b>	<b>Material</b>
<b>2</b>	$l_1$
<b>3</b>	$l_2$
<b>4</b>	<b>Type</b>
<b>5</b>	<b>Finish</b>

**GN 437-ZD-60-60-A-SR**

**1**

**2**

**3**

**4**

**5**