

Hinges

Zinc Die Casting, with Detent

SPECIFICATION

Types

- Type **A**: Indexing positions $-90^\circ / 0^\circ / 90^\circ / 180^\circ$
- Type **C**: Indexing positions $-3^\circ / 117^\circ$

Identification no.

- **1** Holding torque 0,5 Nm
- **2** Holding torque 1 Nm
- **3** Holding torque 2,5 Nm
- **4** Holding torque 4 Nm

Hinge leaves

Zinc die casting **ZD**

Powder coated

- Black, RAL 9005, textured finish **SW**
- Silver, RAL 9006, textured finish **SR**

Locking elements / Cover cap

- Plastic, Polyacetal (POM) for identification no. 1 / 2
Operating temperature up to 80°C
- Stainless steel AISI 630 for identification no. 3 / 4

Pin

Stainless Steel AISI 303

Pressure spring

- Spring steel for identification no. 1 / 2
- Stainless steel AISI 301 for identification no. 3 / 4

INFORMATION

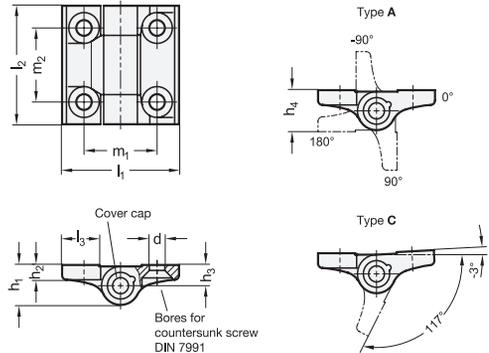
Hinges GN 437.4 with detent hold door and covers in the given indexing position without additional mechanics. This is particularly advantageous when machines and systems must be frequently opened and closed for loading and unloading, and it is also useful for servicing or repairs. Undesirable independent closing and opening is prevented. Due to the front indexing position of approx. -3° , type C also ensures that the door or flap is pressed lightly against the frame when closed.

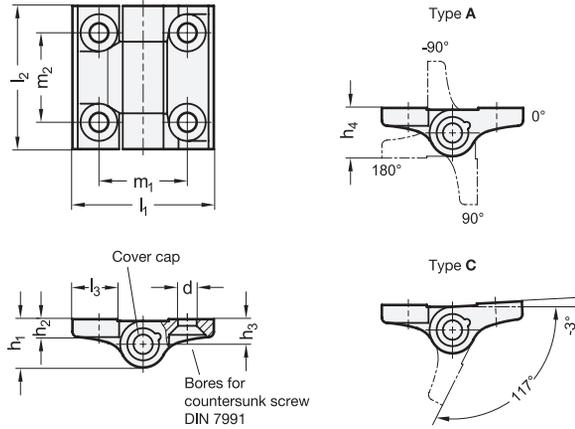
ACCESSORY

- GN 2370 Spacer Plates (see page 1392)
- GN 2372 Plates (see page 1393)

TECHNICAL INFORMATION

- List of Hinge Types (see page 1362)
- Load Rating Information of Metal Hinges (see page A40)
- Plastic Characteristics (see page A2)
- Stainless Steel Characteristics (see page A26)





* Complete with

SW RAL9005 SR RAL9006

GN 437.4-1

Description	l ₁	l ₂	d	h ₁	h ₂	h ₃	h ₄	l ₃	m ₁	m ₂	max. holding torque in Nm Tolerance	⚖️
GN 437.4-ZD-60-60-A1-*	60	60	8.3	18.5	7.5	9.5	19	20	36	36	±10 %	158
GN 437.4-ZD-60-60-C1-*	60	60	8.3	18.5	7.5	9.5	-	20	36	36	±10 %	158

GN 437.4-2

Description	l ₁	l ₂	d	h ₁	h ₂	h ₃	h ₄	l ₃	m ₁	m ₂	max. holding torque in Nm Tolerance	⚖️
GN 437.4-ZD-60-60-A2-*	60	60	8.3	18.5	7.5	9.5	19	20	36	36	±10 %	152
GN 437.4-ZD-60-60-C2-*	60	60	8.3	18.5	7.5	9.5	-	20	36	36	±10 %	155

GN 437.4-3

Description	l ₁	l ₂	d	h ₁	h ₂	h ₃	h ₄	l ₃	m ₁	m ₂	max. holding torque in Nm Tolerance	⚖️
GN 437.4-ZD-60-60-A3-*	60	60	8.3	18.5	7.5	9.5	19	20	36	36	±20 %	190
GN 437.4-ZD-60-60-C3-*	60	60	8.3	18.5	7.5	9.5	-	20	36	36	±20 %	190

GN 437.4-4

Description	l ₁	l ₂	d	h ₁	h ₂	h ₃	h ₄	l ₃	m ₁	m ₂	max. holding torque in Nm Tolerance	⚖️
GN 437.4-ZD-60-60-A4-*	60	60	8.3	18.5	7.5	9.5	19	20	36	36	±20 %	191
GN 437.4-ZD-60-60-C4-*	60	60	8.3	18.5	7.5	9.5	-	20	36	36	±20 %	191

Weight SW

