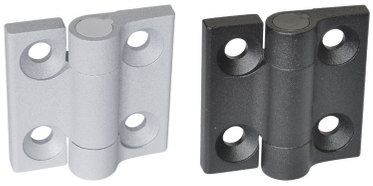
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Hinges • Zinc die-cast, with spring return
EH 25163.



Product Description

Hinges from zinc die-cast with spring return allow doors to be automatically opened or closed. The torque of the reset depends on the opening angle of the hinge (refer to the drawing). Endurance tests have shown that the torque of the reset does not change even after 100,000 cycles.
These hinges from zinc die-cast are characterised by their simple and timeless design.

Material

Body
- Zinc die-cast, plastic coated, silver, similar to RAL 9006, matt structure
- Zinc die-cast, plastic coated, black, similar to RAL 9005, matt structure

Spring
- Spring steel wire

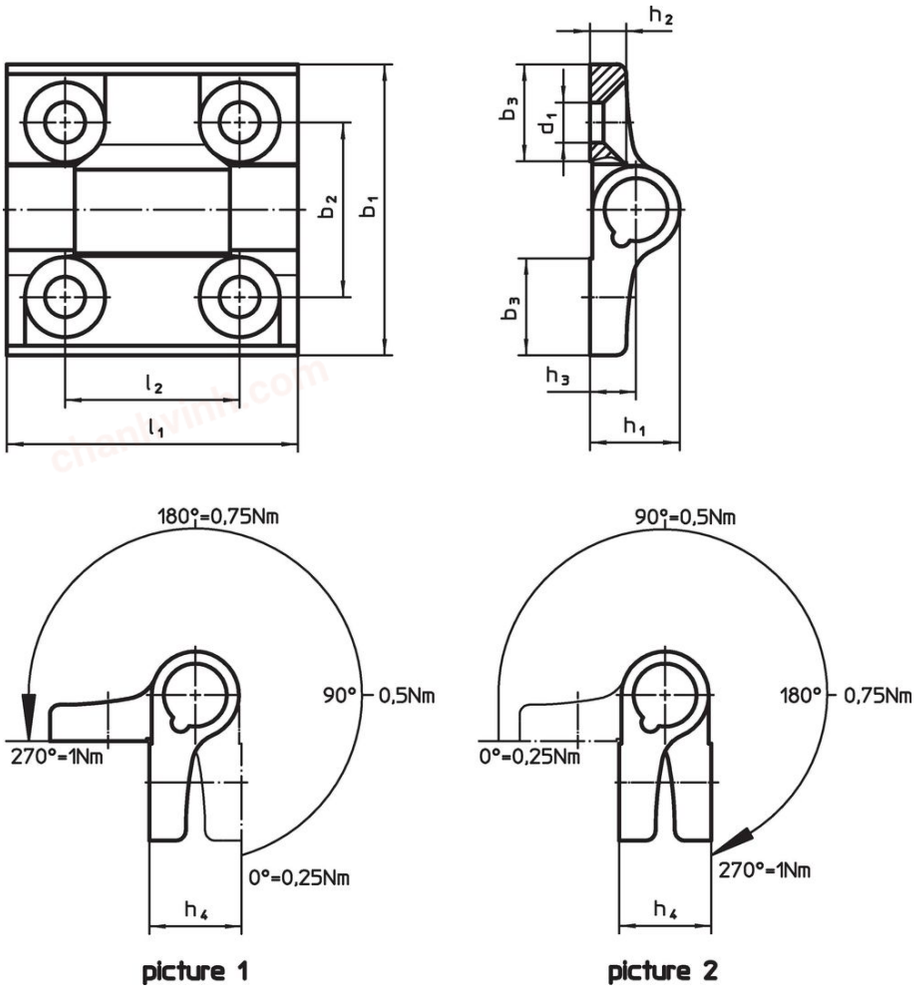
Covering
- Thermoplastic POM

More information

Further products

- Spacer Plates, for hinges
- Threaded Plates, for hinges

Drawing



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Order information

Dimensions										Holding force					Art. No.
b_1	l_1	b_2	b_3	d_1	h_1	h_2	h_3	h_4	l_2	F_1	F_2	F_3	max.		
[mm]										[N]			[°C]	[g]	
spring-loaded return closing – picture 1, Zinc die-cast, silver															
60	**60**	36	20	8.3	18.5	7.5	9.5	19	36	1700	2300	2000	80	149	25163.0010
spring-loaded return closing – picture 1, Zinc die-cast, black															
60	**60**	36	20	8.3	18.5	7.5	9.5	19	36	1700	2300	2000	80	146	25163.0110
spring-loaded return opening – picture 2, Zinc die-cast, silver															
60	**60**	36	20	8.3	18.5	7.5	9.5	19	36	1700	2300	2000	80	146	25163.0015
spring-loaded return opening – picture 2, Zinc die-cast, black															
60	**60**	36	20	8.3	18.5	7.5	9.5	19	36	1700	2300	2000	80	150	25163.0115

Compliance

RoHS-compliant
Compliant with Directive 2011/65/EU [RoHS].

Does not contain SVHC substances
No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 04.02.2026.

SCIP-code
N/A

Does not contain Proposition 65 substances
No Proposition 65 substances included.
https://www.P65Warnings.ca.gov/

Free from Conflict Minerals
This product does not contain any substances designated as "conflict minerals" such as tantalum, tin, gold or tungsten from the Democratic Republic of Congo or adjacent countries.

POP-compliant
Contains no persistent organic pollutants – Stockholm Convention [POP] as of September 2025.

PFAS-compliant
Contains no per- and polyfluoroalkyl substances (PFAS).

TSCA-compliant
Agent concentration in this product does not exceed the specified threshold.