# **Hinges** • with adjustable friction resistance

## EH 25160.



## **Product Description**

These Hinges are characterised by their compact and stable construction, and by the ability to set the friction.

The design ensures that the hinge has no play (either radially or axially).

#### Material

#### Friction cone

• Thermoplastic POM

#### **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

#### Hinge pin

Steel, zinc-plated by galvanization, passivated

#### Nut

Steel, zinc-plated by galvanization, passivated

#### **Assembly**

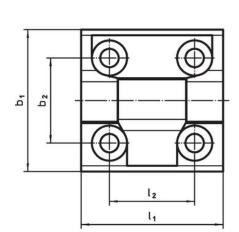
Installation of the hinge on the component. The hinge's ease of pivoting can then be adjusted by tightening or loosening the hinge pin. This allows a constant braking torque to be applied throughout the pivot range.

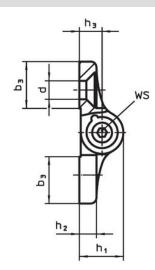
#### More information

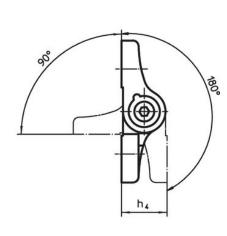
## **Further products**

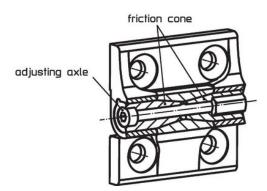
- · Spacer Plates, for hinges
- · Threaded Plates, for hinges
- · Stops, for hinges

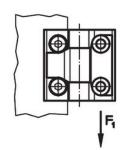
### **Drawing**

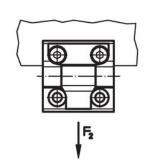


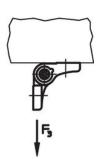












## **Order information**

Dimensions											L	oad capacity	Hinge pin			I	Art. No.	
b	b <sub>2</sub>	b <sub>3</sub>	d	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h₄	I <sub>1</sub>	l <sub>2</sub>		Radial load bearing capacity F <sub>1</sub> max.	Axial load bearing capacity F <sub>2</sub> max.	Load capacity F <sub>3</sub> max.	Tightening torque max.	Friction torque	max.		
	[mm]									[mm]	[kN]			[Nm]		[°C]	[g]	
silver																		
40	25	13.0	5.3	13.5	5.0	7.0	14	40	25	2.5	2.4	1.2	1.5	0.50	2.0	80	55	25160.0400
50	30	16.5	6.5	15.5	6.0	8.0	16	50	30	3.0	3.2	1.6	2.0	0.75	4.0	80	94	25160.0405
60	36	20.0	8.3	18.5	7.5	9.5	19	60	36	4.0	4.5	2.0	2.4	1.50	6.5	80	162	25160.0410
black																		
40	25	13.0	5.3	13.5	5.0	7.0	14	40	25	2.5	2.4	1.2	1.5	0.50	2.0	80	55	25160.0500
50	30	16.5	6.5	15.5	6.0	8.0	16	50	30	3.0	3.2	1.6	2.0	0.75	4.0	80	94	25160.0505
60	36	20.0	8.3	18.5	7.5	9.5	19	60	36	4.0	4.5	2.0	2.4	1.50	6.5	80	162	25160.0510

## Compliance

## **RoHS** compliant

Contains lead - compliant according to exceptions 6a / 6b / 6c.

#### Contains SVHC substances >0,1% w/w

Contains lead - SVHC list [REACH] as of 23.01.2024.

## **Contains Proposition 65 substances**



Lead can cause cancer and reproductive harm from exposure 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.



Halder, Inc.

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