



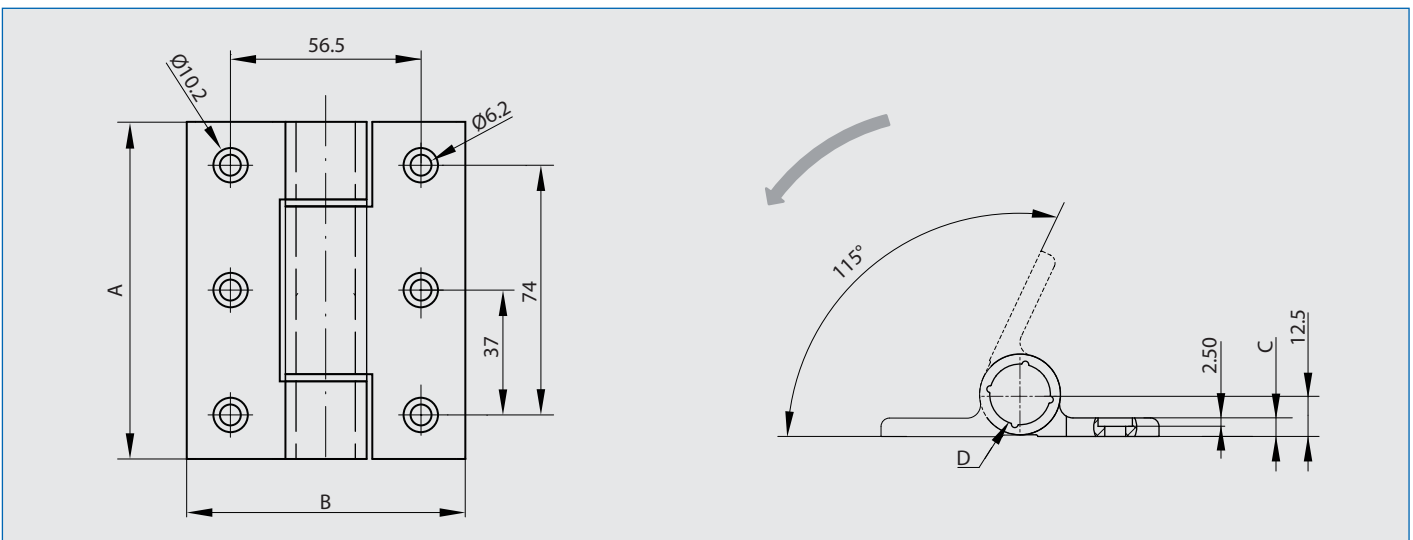
Soft-close dampening hinge in aluminium

NEW!

- Soft-close dampening hinge: soft-close damper keeps lid from slamming shut when the hinge is put in the open position.
 - Damper working direction: shown by the arrow in the drawing.
 - Operating angle: 115°
 - If the opening angle is wider than 115° (+/- 5°), mechanism is broken and damper doesn't work any longer.
 - **Provide a door stopper to prevent from overturning beyond the prescribed angle range.**
 - Do not force the door to close faster in damper effective direction. It can cause damage to the product.
 - When the door opening angle is small, the dampers may not work smoothly.
 - Torque moment (pair): 2.5 to 4.5 N.m
 - Torque calculation:
Torque (N.m) = L (m) x 1/2 x W (kg) x 9.8 with:
L = door height in metre
W = door weight in kilo
 - Operating temperature: 0 to +40°C
 - Soft close of a door (vertical application): door closing system.
- Put together with a spring hinge with same dimension (72-1-4231 or 72-1-4232), an automatic soft close of a door is possible without any other component.
- Please ask us for more information.



Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
75-1-0004	alu 6082 T5	clear anodised	100	82.5	5.5	18	2.5 - 4.5 N.m	Damper working direction for opening	242





Soft-close dampening hinge in stainless steel

NEW!

- Soft-close dampening hinge: soft-close damper keeps lid from slamming shut when the hinge is put in the closed position.

- Damper working direction : shown by the arrow in the drawing.

- Operating angle : 115°

- If the opening angle is wider than 115° (+/- 5°), mechanism is broken and damper doesn't work any longer.

- **Provide a door stopper to prevent from overturning beyond the prescribed angle range.**

- Do not force the door to close faster in damper effective direction. It can cause damage to the product.

- When the door opening angle is small, the dampers may not work smoothly.

- Torque moment (pair) : 2.2 to 3.0 N.m

- Torque calculation :

$$\text{Torque (N.m)} = L \text{ (m)} \times 1/2 \times W \text{ (kg)} \times 9.8$$

avec : L = door height in metre

W = door weight in kilo

- Operating temperature : 0 to + 40°C

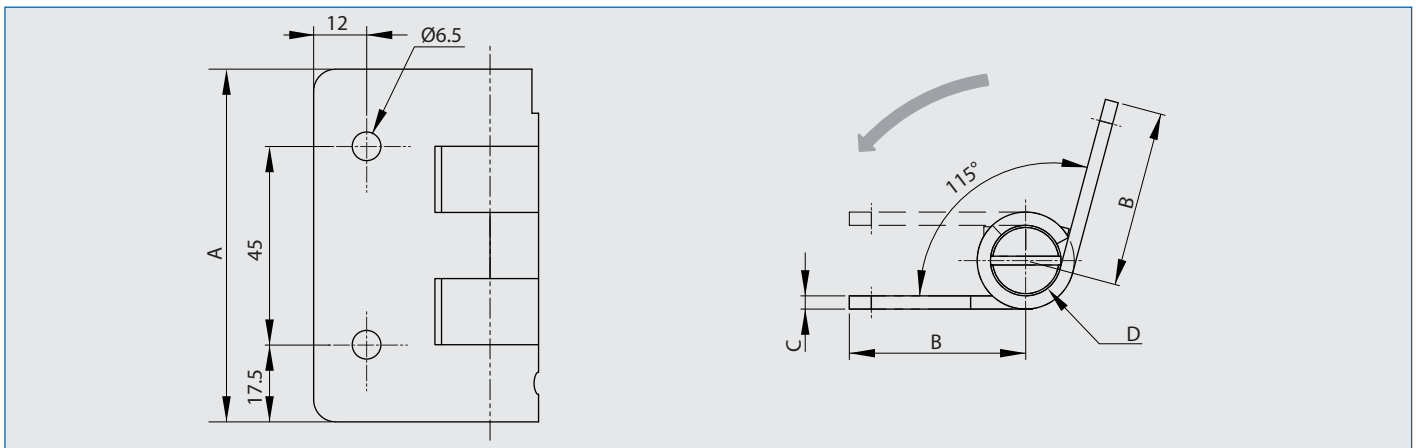
- Soft close of a door (vertical application) : door closing system.

A similar hinge with a spring can be used : put together with a dampening hinge, an automatic soft close of a door is possible without any other component.

Please ask us for more information.



Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
75-1-0003	304 stainless steel	raw	80	40	3	16	2.2 - 3.0 N.m	Damper working direction for closing	300





Hinges

Hinges with dual function

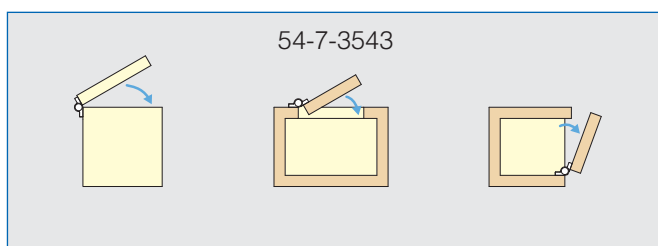
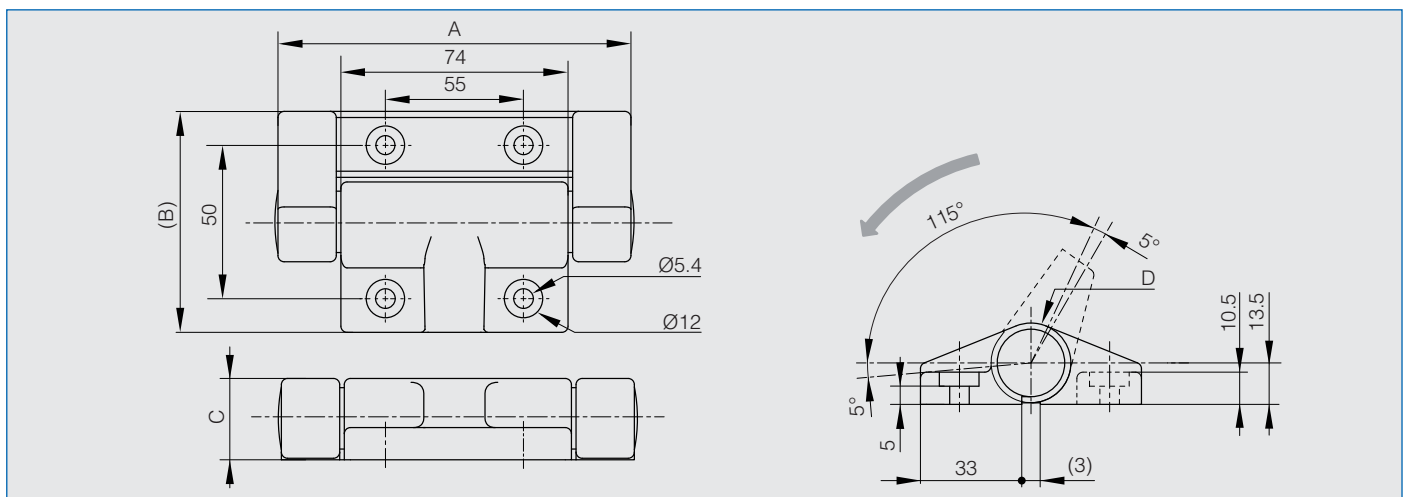
Soft-close dampening hinge in plastic

NEW!



- Soft close dampening hinge: soft-close damper keeps lid from slamming shut.
- Operating angle: 115°.
- If the opening angle is wider than 115° (+/- 5°), mechanism is broken and damper doesn't work any longer.
- **Provide a door stopper to prevent from overturning beyond the prescribed angle range.**
- Do not force the door to close faster in damper effective direction. It can cause damage to the product.
- When the door opening angle is small, the dampers may not work smoothly.
- Torque moment (pair): 10 to 14 N.m
- Torque calculation:
Torque (N.m) = L (m) x 1/2 x W (kg) x 9.8 with:
 - L = door height in metre
 - W = door weight in kilo
- Operating temperature: 0 to +40°C
- 2 damper working directions available:
 - part number 54-7-3543: damper working direction when opening the hinge (as shown by the arrow on the drawing).
 - part number 54-7-3544: damper working direction when closing the hinge (not shown).
- Mounting examples: see drawings.

Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
54-7-3543	plastic	dark grey	115	72	26.5	26	5 - 7 N.m	Damper working direction when opening the hinge: hinge without marking color (backside)	180
54-7-3544	plastic	dark grey	115	72	26.5	26	5 - 7 N.m	Damper working direction when closing the hinge: hinge with red dot (backside)	180





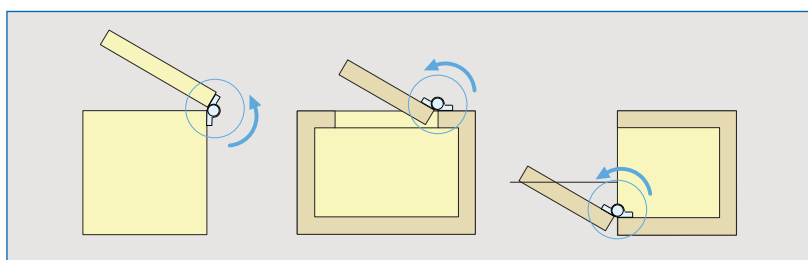
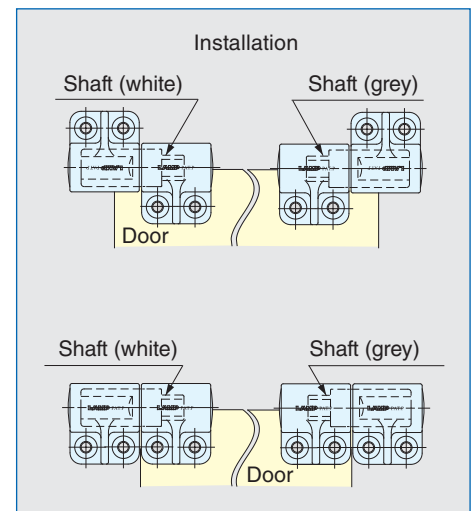
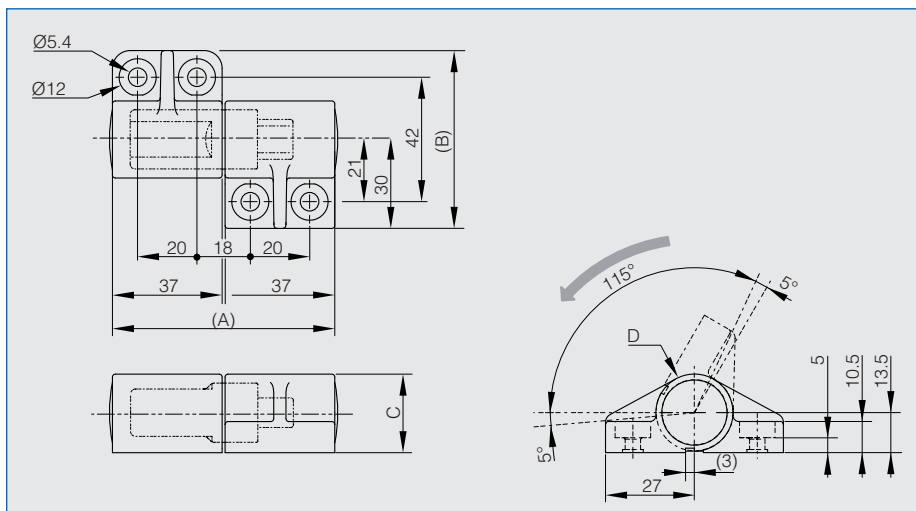
Soft-close dampening lift-off hinge

NEW!

- Soft close dampening lift-off hinges: soft-close damper keeps lid from slamming shut.
- Sold in pairs (type 1 and type 2).
- Lift-off hinge type 1 has a grey shaft and the damper working direction is clockwise.
- Lift-off hinge type 2 has a white shaft and the damper working direction is counter-clockwise (shown on the drawing).
- Operating angle: 115°.
- If the opening angle is wider than 115° (+/- 5°), mechanism is broken and damper doesn't work any longer.
- **Provide a door stopper to prevent from overturning beyond the prescribed angle range.**
- Do not force the door to close faster in damper effective direction. It can cause damage to the product.
- When the door opening angle is small, the dampers may not work smoothly.
- Torque moment (pair): 5 to 7 N.m.
- Torque calculation:
Torque (N.m) = L (m) x 1/2 x W (kg) x 9.8 with:
 - L = door height in metre
 - W = door weight in kilo
- Operating temperature: 0 to +40°C



Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
12-7-4241	plastic	dark grey	75	60	26.5	26	5 - 7 N.m / set	sold in pairs	180g / set



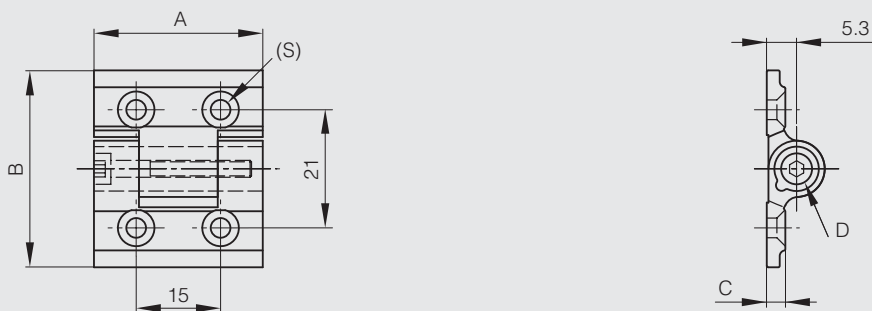


Small friction hinge - adjustable

Small size friction hinge to maintain a lid / door in position.
 The friction torque is adjustable with a hex key.
 2 other versions available : with spring or with detent function.
 A full product data sheet is available on our website.



Part number	Material	Finish	A	B	C	D	S	Torque	Weight (g)
72-1-4136	alu 6060 T5	raw	30	35	3	8	3.5	0 - 1 N.m	10
72-1-4137	alu 6060 T5	black anodised	30	35	3	8	3.5	0 - 1 N.m	10
72-1-4160	alu 6060 T5	clear anodised	30	35	3	8	3.5	0 - 1 N.m	10

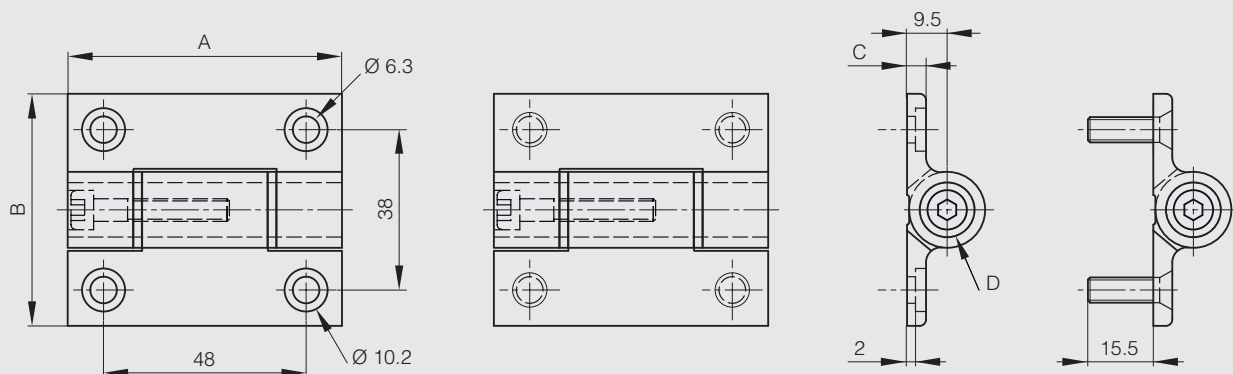


Large friction hinge - adjustable

Large size friction hinge to maintain a lid / door in position.
 The friction torque is adjustable with a hex key.
 Available with a choice of studs or holes.
 3 other versions available : with spring, with detent function or free swinging.
 A full product data sheet is available on our website.



Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
72-1-4145	alu 6060 T5	clear anodised	65	55	4.5	13	0 - 5 N.m	fixing by screw CHC M6	66
72-1-4146	alu 6060 T5	black anodised	65	55	4.5	13	0 - 5 N.m	fixing by screw CHC M6	66
72-1-4147	alu 6060 T5	clear anodised	65	55	4.5	13	0 - 5 N.m	fixing by M6 studs	78
72-1-4148	alu 6060 T5	black anodised	65	55	4.5	13	0 - 5 N.m	fixing by M6 studs	78





Hinges

Hinges with dual function

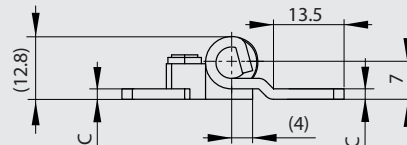
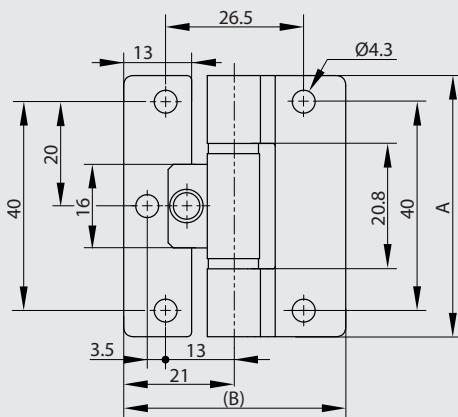
Stainless steel friction hinge - friction torque 1,9 N.m

NEW!

Hinge with friction torque holds lid / door in desired position.
Operating temperature : -20°C / +60°C.



Part number	Material	Finish	A	B	C	Torque	Weight (g)
52-7-4048	304 stainless steel	polished	50	42.5	2	2 N.m	51



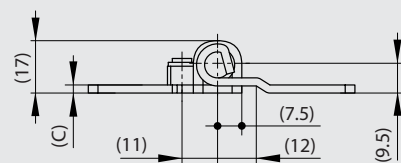
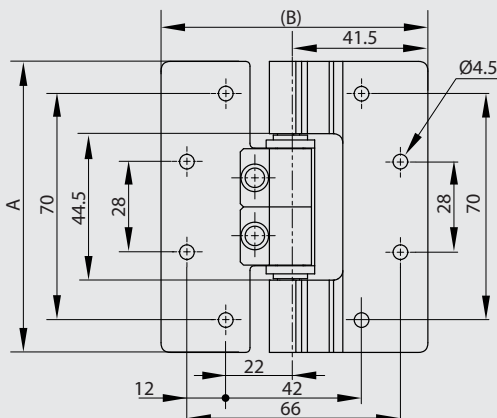
Stainless steel friction hinge - friction torque 5,8 N.m

NEW!

Hinge with friction torque holds lid / door in desired position.
Operating temperature : -20°C / +60°C.



Part number	Material	Finish	A	B	C	Torque	Weight (g)
52-7-4049	304 stainless steel	polished	90	82.5	2.5	6 N.m	195





Hinges

Hinges with dual function

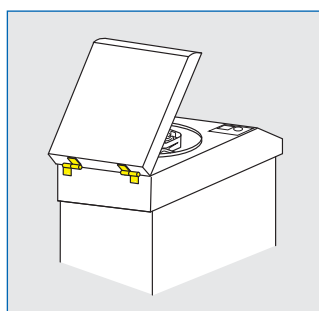
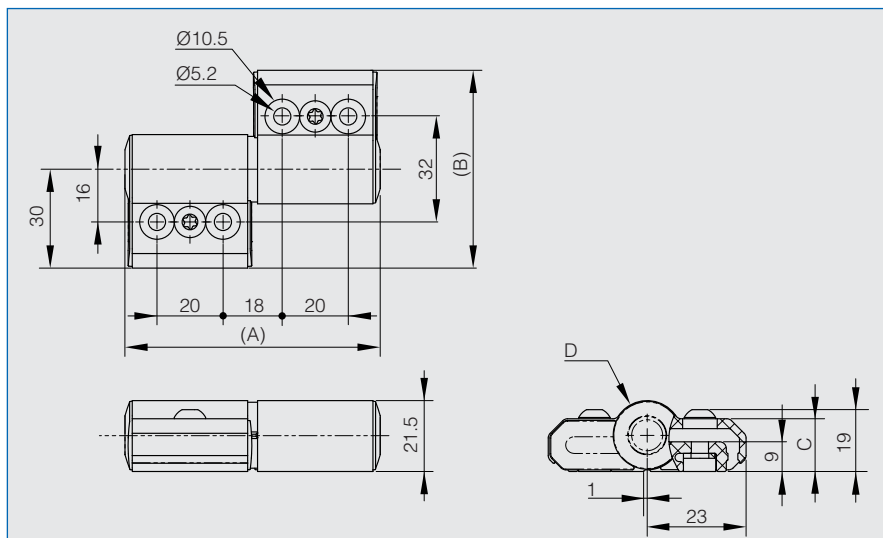
One way torque hinge

NEW!

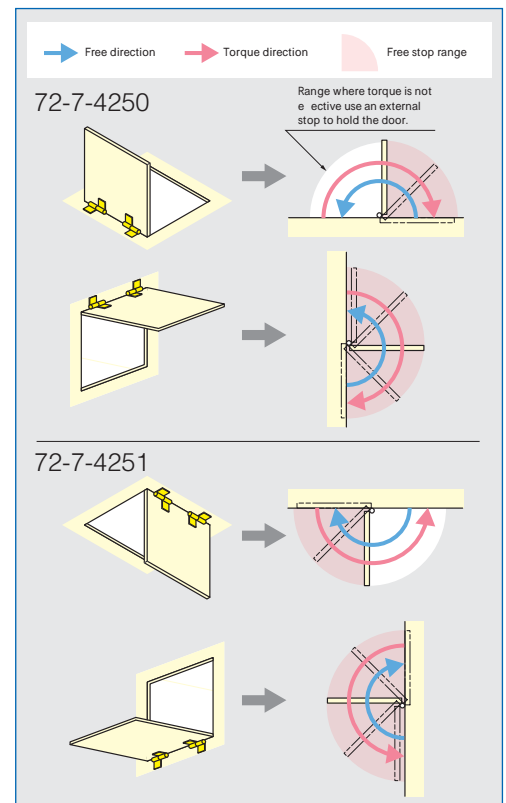
- Aluminium torque hinge.
- Friction in one direction only: allows for frictionless handling of the door in the opposite direction.
- Tested over 30,000 cycles.
- Torque is constant in torque direction.
- Sold in pairs (left / right).
- Ideal to prevent shock to the door and / or safety.
- Torque moment (per set) : 9 N.m
- Initial torque may vary from -20% to +40%.
- Not suited for vibration environment.
- Torque will be affected by temperature.
- Do not lubricate.
- For indoor use only.
- Body in aluminium, shaft in stainless steel, sleeve and cover in polyacetal (POM).



Part number	Material	Finish	A	B	C	D	Torque	Note	Weight (g)
72-7-4250	aluminium	anodised	77.5	60	16	21	9 N.m / set	torque in clockwise direction / sold in pairs	290g / set
72-7-4251	aluminium	anodised	77.5	60	16	21	9 N.m / set	torque in counter-clockwise direction / sold in pairs	290g / set



Installation





Hinges with dual function

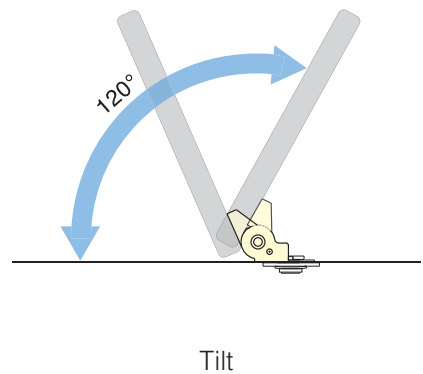
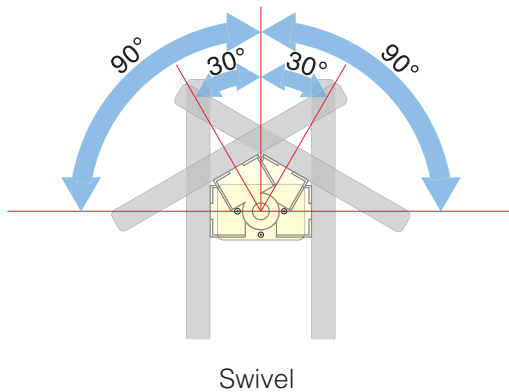
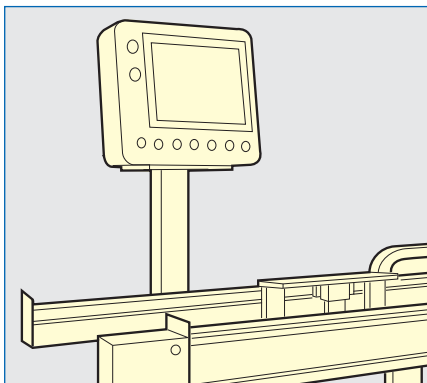
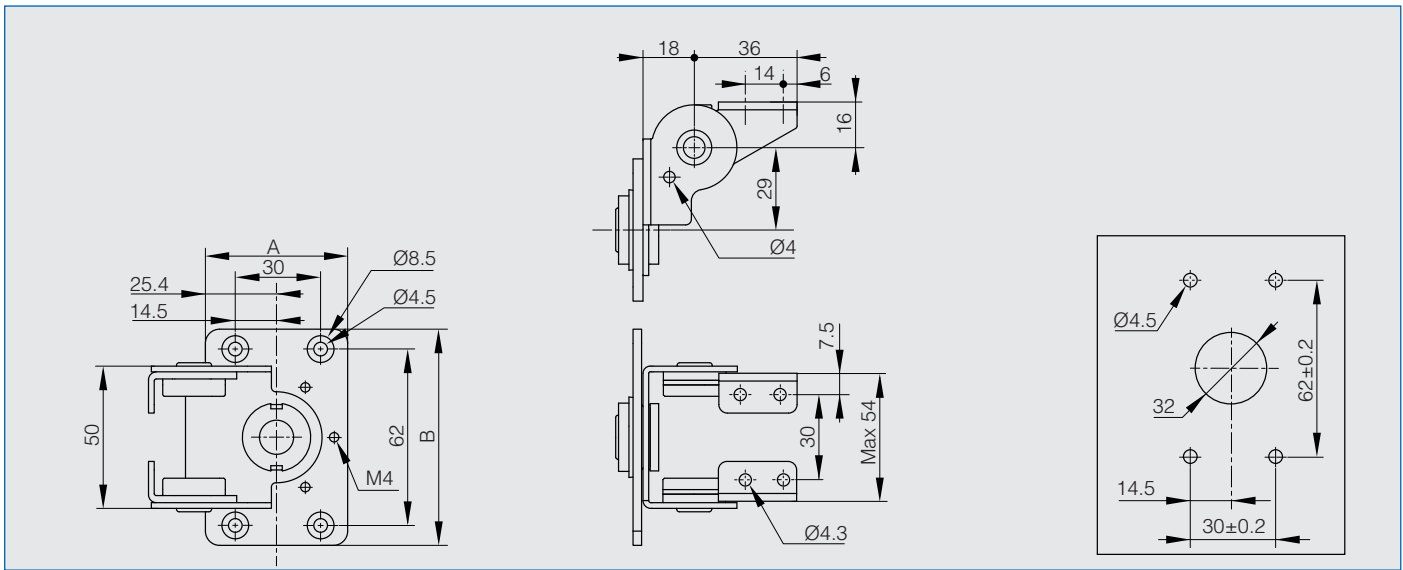
Torque hinge dual axis - large dimension

NEW!

- Dual axis: free stop at any angle in tilt & swivel.
- Provide torque stability in both directions.
- Torque per piece (tilting): 7 N.m
- Torque per piece (swiveling): 3 N.m
- Suitable for monitor screens.
- Rotation upon axis X is free but can be blocked from 0° to 120° with an additional pin.
- Rotation upon axis Z is free but can be blocked at 30° or 90° with additional pins (various holes in the fixing plate).
- Electric cables can go through a hole in the middle of the fixing plate.



Part number	Material	Finish	A	B	Torque	Weight (g)
70-7-3621	430 stainless steel	polished	50	76	7 N.m (axis X) 3 N.m (axis Z)	232





Hinges

Hinges with dual function

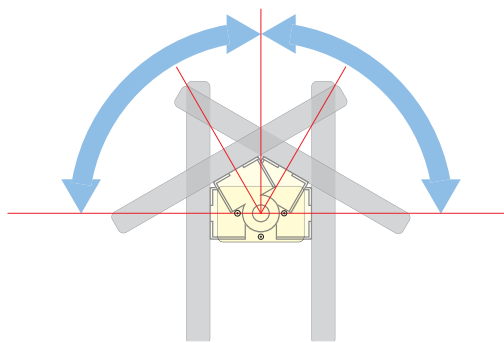
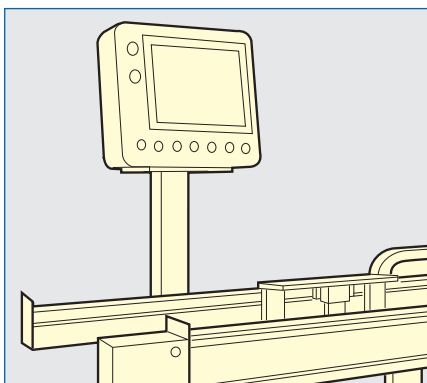
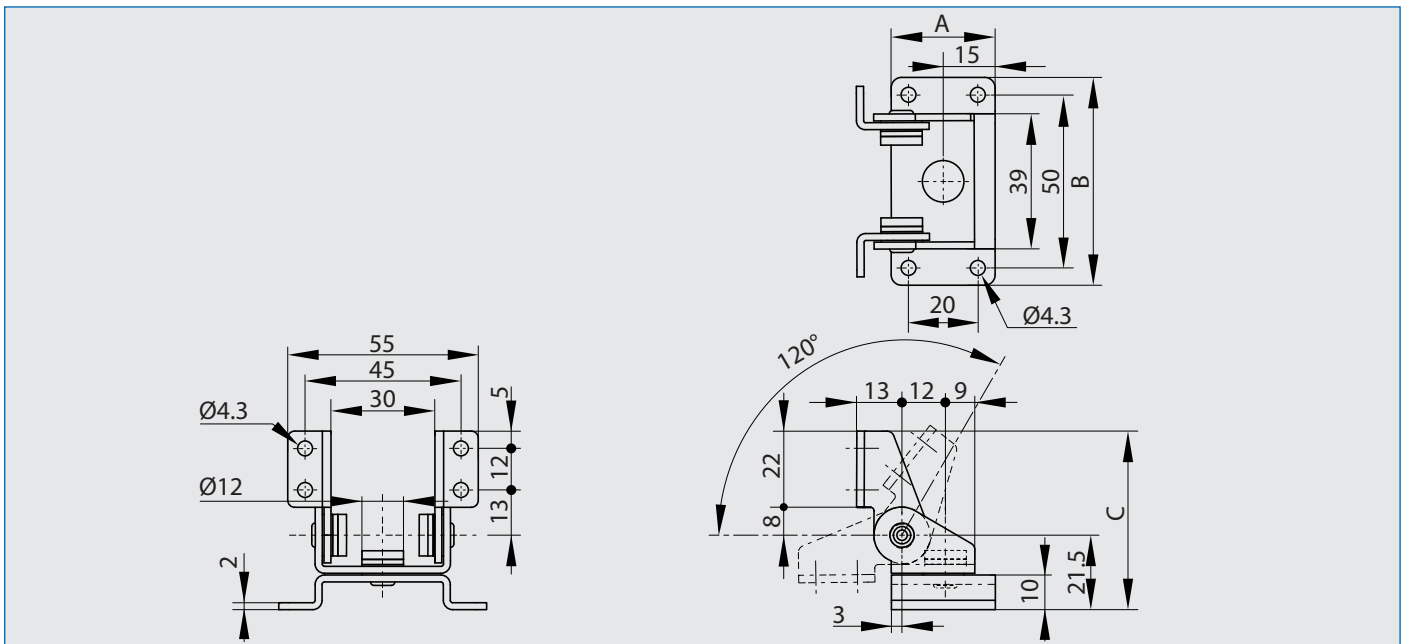
Torque hinge dual axis small dimension

NEW!

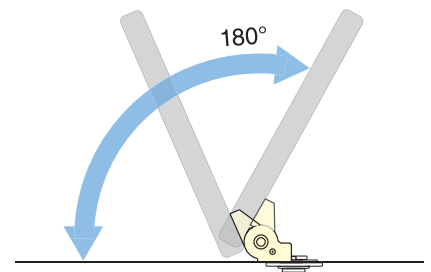
- Dual axis: free stop at any angle in tilt & swivel.
- Provide torque stability in both directions.
- Torque per piece (tilting): 2.9 N.m
- Torque per piece (swiveling): 1.4 N.m
- Suitable for monitor screens.
- Rotation upon axis X can occur from 0° to 180°.
- Rotation upon axis Z can occur up to 360°.



Part number	Material	Finish	A	B	C	Torque	Weight (g)
70-7-3622	430 stainless steel	polished	30	60	51.5	2.9 N.m (axis X) 1.4 N.m (axis Z)	92



Swivel



Tilt



Hinges with dual function

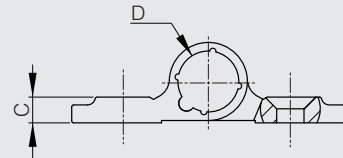
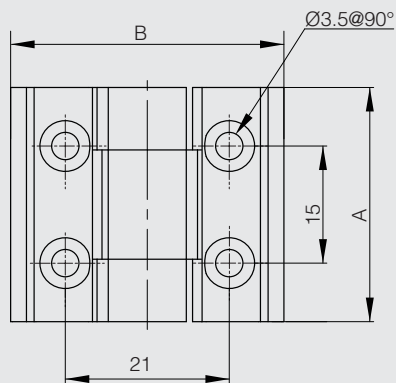
Hi-Klik™ detent hinge - small

NEW!

Indented every 30°. Torque is preset.
2 different versions available : with spring or with friction mechanism.



Part number	Material	Finish	A	B	C	D	Torque	Weight (g)
72-1-4235	alu 6060 T5	clear anodised	30	35	3.3	8	0.3 N.m	10
72-1-4236	alu 6060 T5	black anodised	30	35	3.3	8	0.3 N.m	10



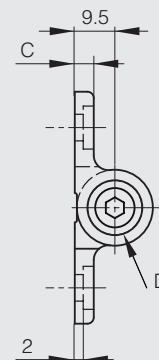
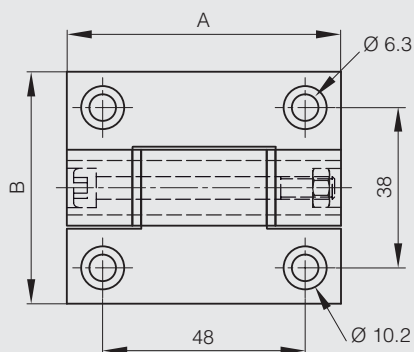
Hi-Klik™ detent hinge - large

NEW!

Indented every 30°. 4 torque values. Torque is preset.
No washer for part number 72-1-4233.
3 other versions available : free swinging, with spring or with friction mechanism.
A full product data sheet is available on our website.



Part number	Material	Finish	A	B	C	D	Torque	Weight (g)
72-1-4197	alu 6060 T5	black anodised	67	55	4.5	13	1.8 N.m	106
72-1-4198	alu 6060 T5	black anodised	67	55	4.5	13	2.5 N.m	106
72-1-4225	alu 6060 T5	black anodised	67	55	4.5	13	3.2 N.m	106
72-1-4233	alu 6060 T5	black anodised	67	55	4.5	13	5 N.m	106





Detent plastic hinge

Holds door leaves in 4 different positions (90° each).

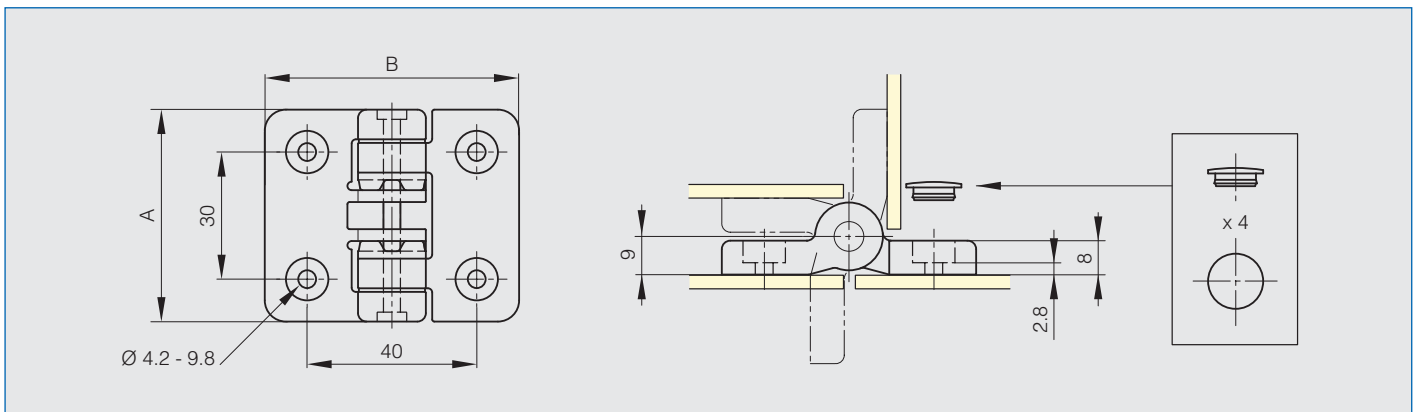
Maximum door weight : 1.2kg/pair.

303 stainless steel pin.

A full product data sheet is available on our website.

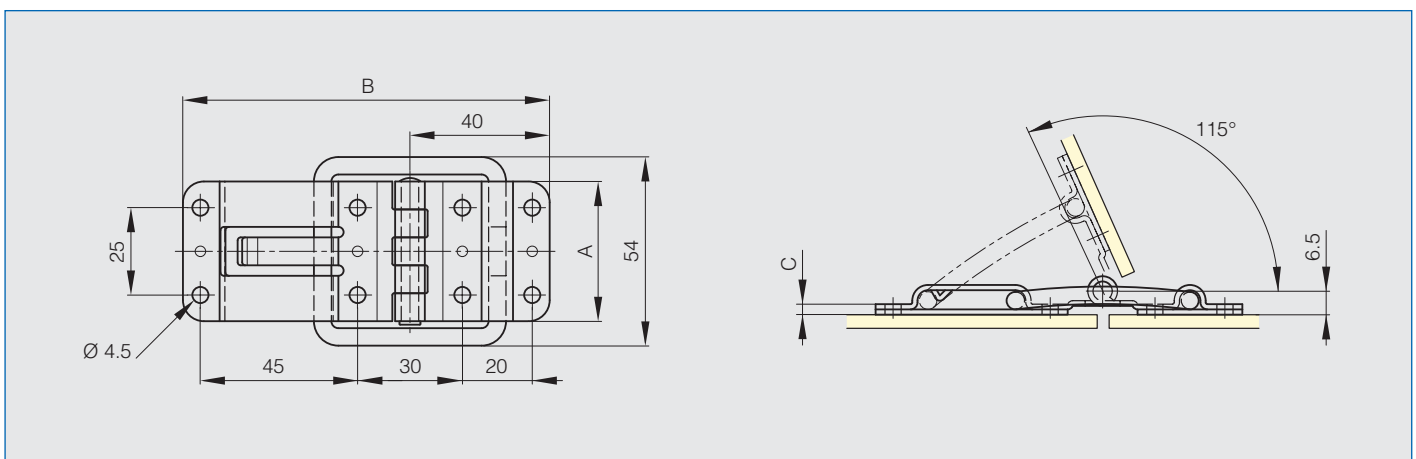


Part number	Material	Finish	A	B	Weight (g)
54-7-3509	polyacetal	ivory	50	60	30
54-7-3510	polyacetal	black	50	60	30



Hinge with stop at 115°

Part number	Material	Finish	A	B	C	Weight (g)
52-7-3960	304 stainless steel	polished	40	105	3	122





Hinges

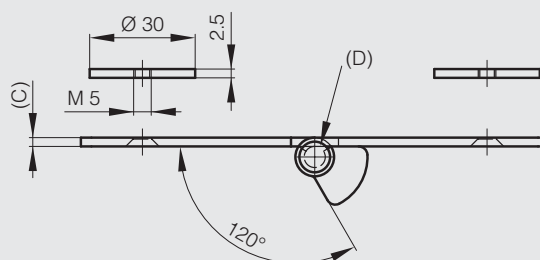
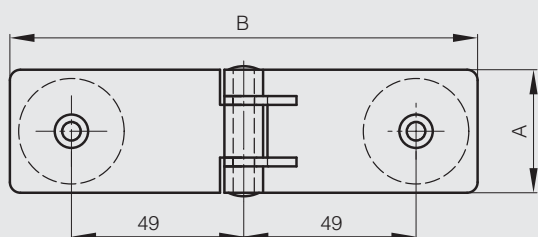
Hinges with dual function

Hinge with stop at 60°

Suitable for mounting on glass doors.



Part number	Material	Finish	A	B	C	D	Weight (g)
52-1-3840	304 stainless steel	gloss	35	133	2.5	6	140



Hinge with stop at 90°

Die-cast steel hinge with removable brass pin.

Stop at 90°.

The same hinge is available without stop (part number 72-1-3502).



Part number	Material	Finish	A	C	D	Weight (g)
72-1-0204	304 stainless steel	harshed	60	5	6	350

