

10

HÄFELE

LID AND FLAP STAYS



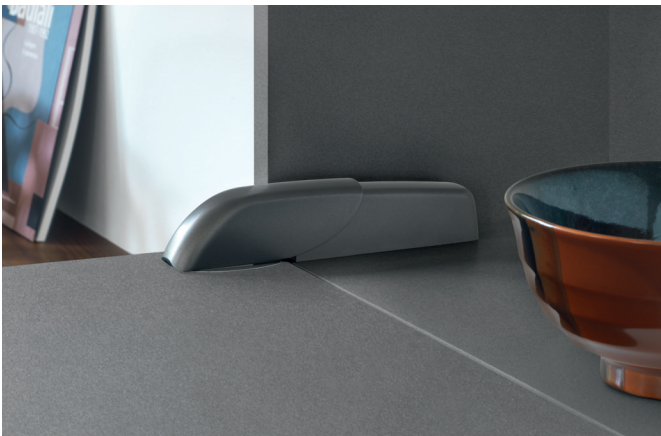


Häfele

Free Slim	10.3–10.6
Free Space	10.7–10.12
Free Flap H 1.5	10.13–10.19
Maxi	10.20–10.28
Free Flap 1.7/3.15	10.29–10.32
Free Up	10.33–10.35, 10.38
Free Swing	10.36–10.38
Free Fold	10.39–10.43
Drilling Jigs for Lift-Up Fittings	10.44
Duo Lid/Flap Stays	10.45–10.48



Accuride 1155 Easy Down	10.49
Salice Wind Lift System	10.50–10.53
Häfele Automatic Opening Lid Stays	10.54
Firmatop Lid Stay/Lid Stays	10.55
Sugatsune Lid Stays	10.56–10.57
Swingtop Swing Up Fittings	10.58



Sugatsune Flap Stays	10.59
Flap Stays with Catches	10.60
Miniwinch Flap Stays	10.61–10.63
Microwinch Flap Stays	10.64–10.65
Salice Pacta Flap Stays	10.66–10.67



Häfele Maxi Chest Stay	10.68–10.69
Sugatsune Aileron Chest Stay	10.70
Bench Seat Hinges	10.71
Drawer Pull Catches	10.72
Door Restraints	10.72

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PAGE RESERVED FOR
NEW PRODUCT

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PAGE RESERVED FOR
NEW PRODUCT

PAGE RESERVED FOR
NEW PRODUCT

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PAGE RESERVED FOR
NEW PRODUCT

Free Space 1.11



- > Extremely powerful and versatile
- > The Free Space series can be used for up to 80% of all flap applications
- > For wood or aluminum framed doors
- > Extremely compact modern design with Häfele engineered technology allows for more space inside a cabinet
- > Door opening can be adjusted to open at 90° or 107° with integrated stop
- > Fast simple installation; plugs into standard 32/37 mm line holes and fastens with one pre-mounted screw
- > Intuitive 3D door alignment and closing adjustment
- > Additional hinges and cover caps are not required

Extremely powerful

Less models for more applications

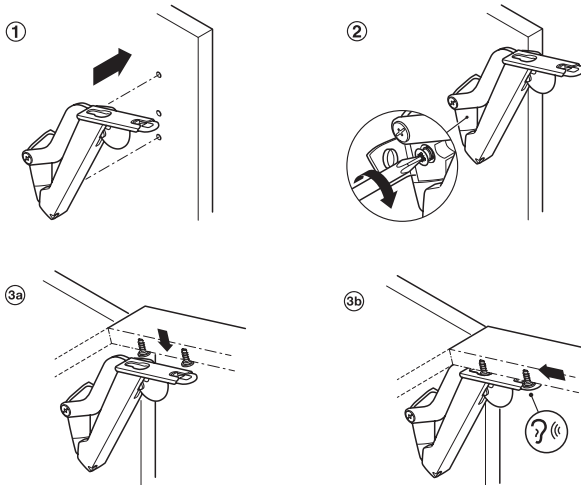


Example

A door height of 400 mm (16") accommodates door weight: max. 10 kg (23 lbs.)

Extremely fast

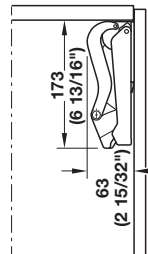
Fewer manual operations for easier installation



- 1 Press fit into pre-drilled side panel
- 2 Tighten pre-mounted euro screw
- 3 Fit the front panel to the lever arms 3a and slide on until it engages 3b

Extremely compact

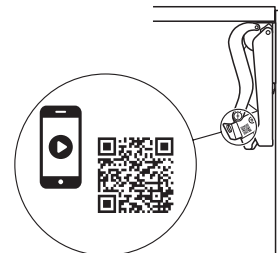
Less installation depth for more storage space



- > Required internal installation depth: 63 mm (2 15/16")
- > Required internal installation height: 173 mm (6 13/16")

Extremely easy

Scan for questions during installation



Extremely adaptable

Design freedom from a single program



Free Space 1.11

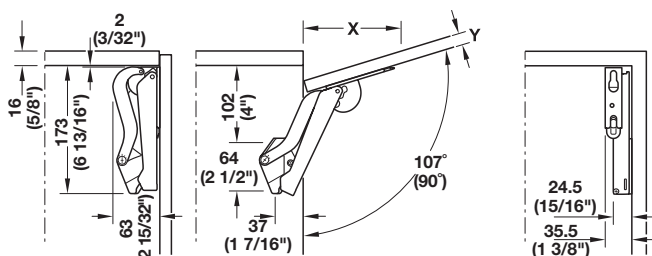


- > For standard applications with pulls
- > Door height: max. 650 mm (26")
- > The fitting mounts to the side panels with a single pre-mounted euro screw
- > A Pozi drive #2 is required for all screw installations
- > The door slides tool-free onto the mounting plates
- > Door overlay: 90° opening: max. 37 mm (1 1/4")
107° opening: max. 22 mm (7/8")
- > Material: Plastic/Steel; Finish: nickel-plated

Model	light gray	white	anthracite
B	372.27.500	372.27.700	372.27.350
C	372.27.501	372.27.701	372.27.351
D	372.27.502	372.27.702	372.27.352
E	372.27.503	372.27.703	372.27.353
F	372.27.504	372.27.704	372.27.354

Supplied With

- 2 Fittings (right/left)
- 2 Mounting brackets with screws
- 1 Set mounting instructions and paper drilling template



Front panel thickness Y	16 (5/8")	19 (3/4")	22 (7/8")	26 (1 1/32")
X with cabinet top panel thickness: 16 mm (5/8")	117 (4 5/8")	107 (4 7/32")	96 (3 25/32")	83 (3 1/4")

Note

Dim X helps calculate space required when raised panels or crown moldings are used.

Measurement table for selecting the right model based on cabinet height and door weight including weight of pull.

Model	Door weight ranges in pounds									
	B		C		D		E		F	
Door height	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.
225 (9")	5.1	9.5	8.4	15.6	14.1	20.5	20.2	29.5	29.5	42.0
250 (10")	4.2	8.6	7.5	14.1	12.8	20.0	18.3	27.7	26.6	37.8
275 (11")	4.2	7.7	6.8	12.8	11.7	18.0	16.5	26.4	24.2	34.3
300 (12")	3.7	7.0	6.2	11.7	10.6	16.5	15.2	24.2	22.2	31.5
325 (13")	3.5	6.6	5.7	10.8	9.7	15.4	14.1	22.4	20.5	29.0
350 (14")	3.3	6.2	5.3	10.1	9.0	14.3	13.0	20.9	18.9	27.1
375 (15")	2.9	5.7	4.8	9.5	8.4	13.2	12.1	19.4	17.8	25.1
400 (16")	2.6	5.3	4.6	8.8	7.9	12.3	11.4	18.3	16.7	23.5
425 (17")	2.4	5.1	4.4	8.4	7.5	11.7	10.8	17.2	15.6	22.2
450 (18")	2.2	4.6	4.2	7.7	7.0	11.0	10.1	16.1	14.7	20.9
475 (19")	2.2	4.4	4.0	7.5	6.6	10.3	9.5	15.4	14.1	19.8
500 (20")	2.0	4.2	3.7	7.0	6.4	9.9	9.0	14.5	13.2	18.9
525 (21")	2.0	4.0	3.5	6.6	5.9	9.5	8.6	13.9	12.5	18.0
550 (22")	1.8	3.7	3.3	6.4	5.7	9.0	8.1	13.2	12.1	17.2
575 (23")	1.8	3.7	3.1	6.2	5.5	8.6	7.9	12.5	11.4	16.3
600 (24")	1.8	3.5	3.1	5.9	5.3	8.1	7.5	12.1	11.0	15.6
625 (25")	1.5	3.3	2.9	5.5	5.1	7.9	7.3	11.7	10.6	15.0
650 (26")	1.5	3.3	2.9	5.3	4.8	7.7	7.0	11.2	10.1	14.5

Important Notes

Selecting the correct model depends on door height and then door weight including the weight of the pull. We recommend ordering the stronger fitting if in doubt.

For aluminum framed doors order screws and collars set, item 372.27.600, see page 10.12. Frame width: min. 45 mm (1 3/4").

The lever arms are spring loaded. There is a risk of injury and damage to the fitting! After mounting the arms, do not press them down in the open position until the counterweight of the door is mounted.

A Pozi drive #2 is required for all screw installations and adjustment features, otherwise damage to the screw head is likely.

Be certain that euro screws which attach the fittings to the side panels are completely tight, drawing the fitting tight against the side wall.

For tension adjustment feature, we recommend using a cordless driver as these screws are geared very low. Be sure to adjust both sides to the same tensioning position.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Free Space 6.15 Heavy Duty

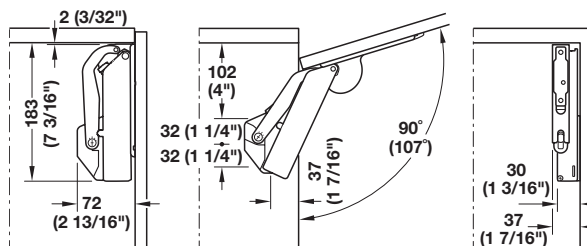


- > For standard applications on doors with pulls
- > Not applicable for aluminum framed doors
- > Door height: max. 650 mm (26")
- > The fitting mounts to the side panels with a single pre-mounted euro screw
- > A Pozi drive #2 is required for all screw installations
- > The door slides tool-free onto the front fixing plates
- > Door overlay: 90° opening: max. 37 mm (1 1/4")
107° opening: max. 22 mm (7/8")
- > Material: Plastic/Steel; Steel finish: nickel-plated

Model	light gray	white	anthracite
G	372.27.521	372.27.721	372.27.321
H	372.27.522	372.27.722	372.27.322

Supplied With

- 2 Fittings (right/left)
- 2 Front fixing brackets with pre-mounted screws
- 1 Set mounting instructions and paper drilling template



- > Required installation depth: only 72 mm (2 7/8")
- > Required installation height: only 183 mm (7 1/4")

Important Notes

Selecting the correct model depends on door height and then door weight including the weight of the pull. We recommend ordering the stronger fitting if in doubt.

The lever arms are spring loaded. There is a risk of injury and damage to the fitting! After mounting the arms, do not press them down in the open position until the counterweight of the door is mounted.

A Pozi drive #2 is required for all screw installations and adjustment features, otherwise damage to the screw head is likely.

Be certain that euro screws which attach the fittings to the side panels are completely tight, drawing the fitting tight against the side wall.

For tension adjustment feature, we recommend using a cordless driver as these screws are geared very low. Be sure to adjust both sides to the same tensioning position.

Example: A door height of 400 mm (16") accommodates a door weight of max. 22.5 kg (50 lbs.)

Measurements table for selecting the right model based on cabinet height and door weight including weight of pull.

Door weight ranges in pounds				
Model	G		H	
Door height	min.	max.	min.	max.
350 (14")	26	42	40	57
375 (15")	24	39	37	53
400 (16")	22	36	35	50
425 (17")	21	34	33	47
450 (18")	20	32	31	44
475 (19")	19	31	29	42
500 (20")	18	29	28	40
525 (21")	17	28	26	38
550 (22")	16	26	25	36
575 (23")	16	25	24	35
600 (24")	15	24	23	33
625 (25")	14	23	22	32
650 (26")	14	22	21	30

Free Space 1.8 Push-to-open



- > For doors without pulls
- > Door height: max. 650 mm (26")
- > The fitting mounts to the side panels with a single pre-mounted euro screw
- > A Pozi drive #2 is required for all screw installations
- > The door slides tool-free onto the mounting plates
- > Door overlay: 90° opening: max. 37 mm (1 1/4")
107° opening: max. 22 mm (7/8")
- > Material: Plastic/Steel; Finish: nickel-plated

Model	white	light gray	anthracite
B	372.27.705	372.27.505	372.27.355
C	372.27.706	372.27.506	372.27.356
D	372.27.707	372.27.507	372.27.357
E	372.27.708	372.27.508	372.27.358

Supplied With

- 2 Fittings (right/left)
- 2 Mounting brackets with screws
- 1 Free push catch
- 1 Set mounting instructions and paper drilling template

Important Notes

Selecting the correct model depends on door height and then door weight including the weight of the pull. We recommend ordering the stronger fitting if in doubt.

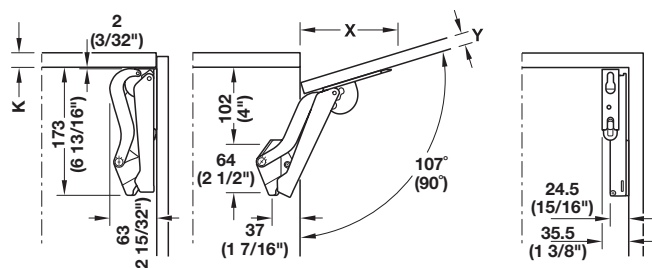
For aluminum framed doors order screws and collars set item 372.27.600, see page 10.12. Frame width: min. 45 mm (1 3/4")

The lever arms are spring loaded. There is a risk of injury and damage to the fitting! After mounting the arms, do not press them down in the open position until the counterweight of the door is mounted.

A Pozi drive #2 is required for all screw installations and adjustment features, otherwise damage to the screw head is likely.

Be certain that euro screws which attach the fittings to the side panels are completely tight, drawing the fitting tight against the side wall.

For tension adjustment feature, we recommend using a cordless driver as these screws are geared very low. Be sure to adjust both sides to the same tensioning position.



Front panel thickness Y	16 (5/8")	19 (3/4")	22 (7/8")	26 (1 1/32")
X with cabinet top panel thickness: 16 mm (5/8")	117 (4 5/8")	107 (4 1/4")	96 (3 7/8")	83 (3 1/4")

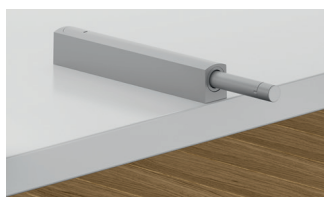
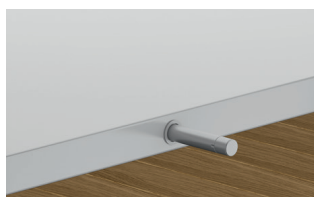
Note

Dim X helps calculate space required when raised panels or crown moldings are used.

Measurement table for selecting the right model based on cabinet height and door weight including the weight of pull.

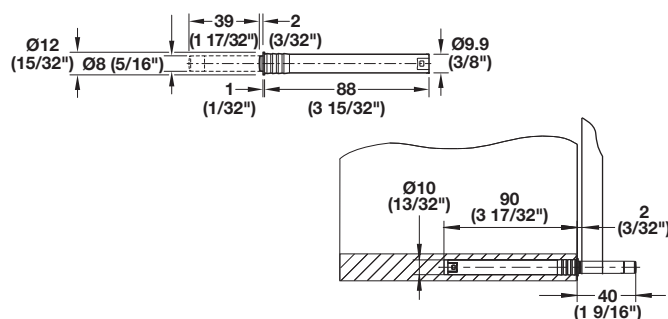
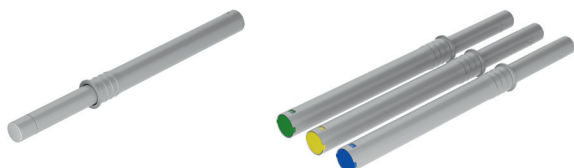
Model	Door weight ranges in pounds							
	B		C		D		E	
Door height	min.	max.	min.	max.	min.	max.	min.	max.
225 (9")	5.1	9.5	8.4	15.6	14.1	20.5	20.2	29.5
250 (10")	4.2	8.6	7.5	14.1	12.8	20.0	18.3	27.7
275 (11")	4.2	7.7	6.8	12.8	11.7	18.0	16.5	26.4
300 (12")	3.7	7.0	6.2	11.7	10.6	16.5	15.2	24.2
325 (13")	3.5	6.6	5.7	10.8	9.7	15.4	14.1	22.4
350 (14")	3.3	6.2	5.3	10.1	9.0	14.3	13.0	20.9
375 (15")	2.9	5.7	4.8	9.5	8.4	13.2	12.1	19.4
400 (16")	2.6	5.3	4.6	8.8	7.9	12.3	11.4	18.3
425 (17")	2.4	5.1	4.4	8.4	7.5	11.7	10.8	17.2
450 (18")	2.2	4.6	4.2	7.7	7.0	11.0	10.1	16.1
475 (19")	2.2	4.4	4.0	7.5	6.6	10.3	9.5	15.4
500 (20")	2.0	4.2	3.7	7.0	6.4	9.9	9.0	14.5
525 (21")	2.0	4.0	3.5	6.6	5.9	9.5	8.6	13.9
550 (22")	1.8	3.7	3.3	6.4	5.7	9.0	8.1	13.2
575 (23")	1.8	3.7	3.1	6.2	5.5	8.6	7.9	12.5
600 (24")	1.8	3.5	3.1	5.9	5.3	8.1	7.5	12.1
625 (25")	1.5	3.3	2.9	5.5	5.1	7.9	7.3	11.7
650 (26")	1.5	3.3	2.9	5.3	4.8	7.7	7.0	11.2

Free Space 1.8 Accessories



- > Front panel width: max. 1,200 mm (47 1/4")
- > Push distance: approx. 2 mm (3/32")
- > Front gap adjustment: +4 mm (5/32")
- > For mounting into drilled hole Ø:10 x 90 mm (13/32" x 3 17/32") or sliding onto housing below
- > Material: Plastic; Color: gray, RAL 7004

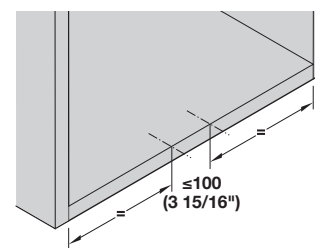
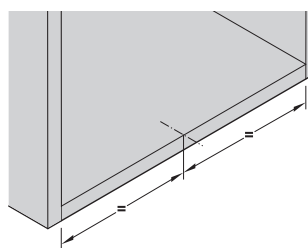
→ Push Catches



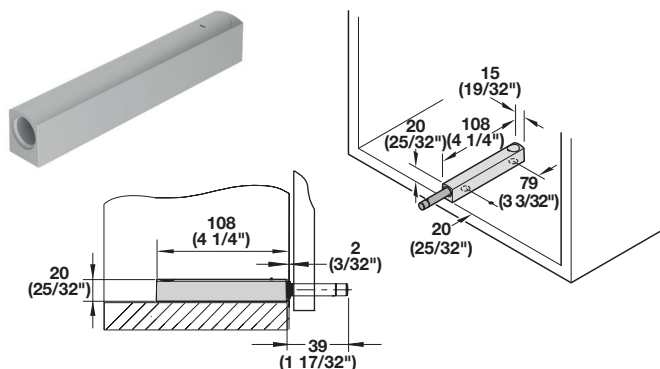
Model type	Color code	Force lbs.	Item No.
1	green	3.75–5 lbs.	372.91.470
2	yellow	4.85–7.5 lbs.	372.91.471
3	blue	5.75–10.5 lbs.	372.91.472

Note

Color code on the bottom of the catch indicates model type.



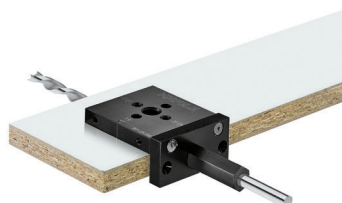
→ Surface Mounted Housing



- > Screw mounted
- > Material: Plastic

Color	Item No.
gray RAL 7035	372.91.479

→ Drilling Jig and Bit



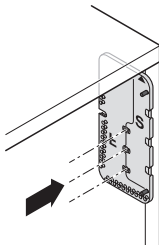
Item	Item No.
Jig	001.25.080

- > Ø10 x 460 mm (13/32" x 18 1/8")

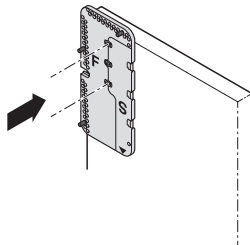
Item	Item No.
Bit	001.20.356

Free Space Accessories

→ Drilling Jig



The drilling jig is positioned directly in the left or right cabinet corner (reference mark "S").

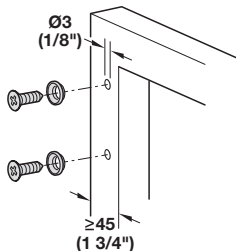


The positioning pins are pre-mounted in accordance with the selected door overlay dimension; then the drilling jig is positioned in both top corners of the door panel (reference mark "F").

- > For pilot drilling the cabinet side and door panels
- > Material: Plastic; Drilling Sleeves: Steel

Item No.
372.27.602

→ Screws and Collar Rings



- > For connecting aluminum framed front panels
- > Frame width: min. 45 mm (1 3/4")
- > Material: Steel

Finish
nickel-plated

Item No.
372.27.600

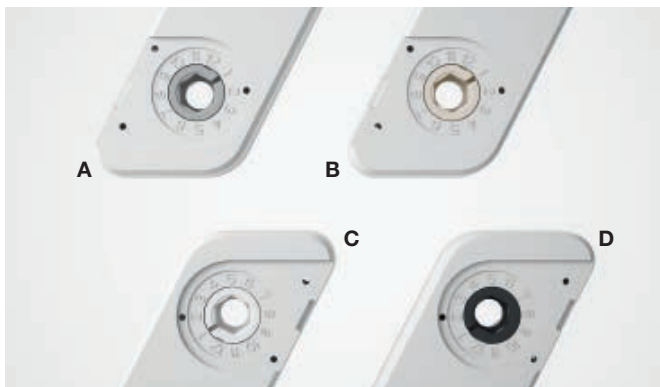
Supplied With
4 screws and collar rings

Note
Not applicable for Free Space 6.15 HD.

Free Flap H 1.5

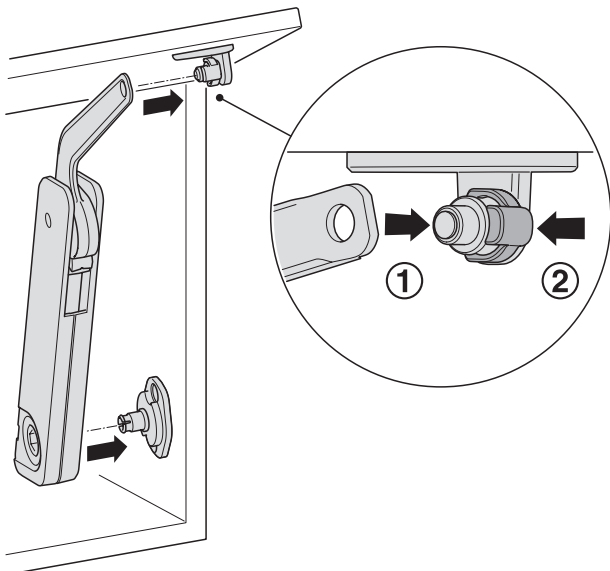


- > For wood or aluminum framed doors
- > All common applications can be achieved by changing mounting position and combining with the appropriate accessories
- > Applications include fronts with and without pulls, aluminum frame and glass fronts, automatic opening to the end position, multi-position stop and easy opening of heavy fronts
- > For use on one or both sides depending on door size
- > Holding power can be adjusted individually to respective door weight



(Adjusting screw) for differentiating the models A, B, C and D.

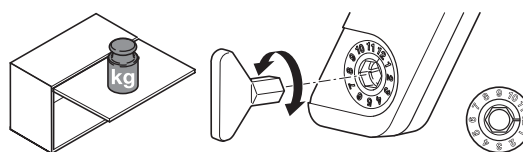
Mounting



Quick and tool-free installation of the fitting onto pre-mounted screw mount brackets.

Holding power adjustment with SW10 Hex key.

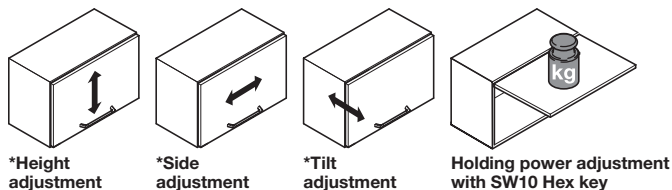
Item No. 235.79.301, see page 10.14.



Note

Use position 1–8 for adjusting the holding power.
Use position 9–12 to re-adjust flap (if necessary).

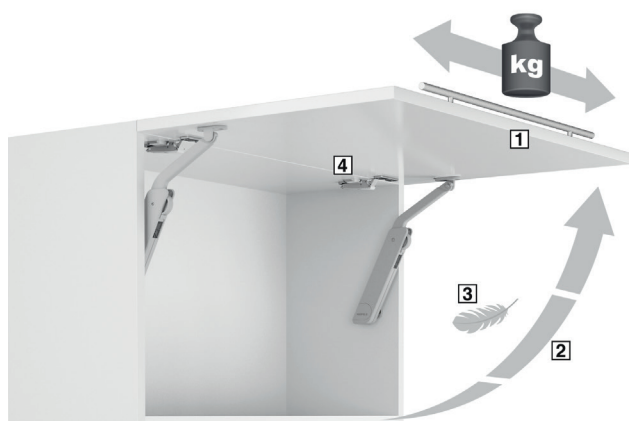
Front adjustment facility



Note

*Depends on the hinges that are installed.

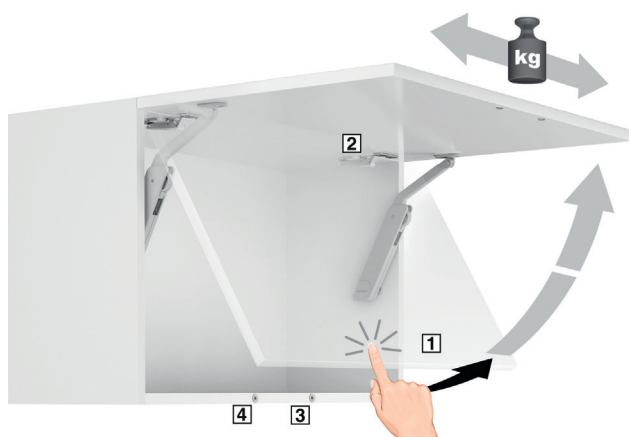
Free Flap H 1.5 Applications



Power-Assisted Opening

- 1 For wide and heavy doors with pulls.
- 2 Door is held reliably in any position.
- 3 Less manual force is needed to open the door.
- 4 Application in combination with concealed hinges with or without integrated soft closing mechanism.

Application	page 10.15
Fittings	page 10.18
Accessories	page 10.18

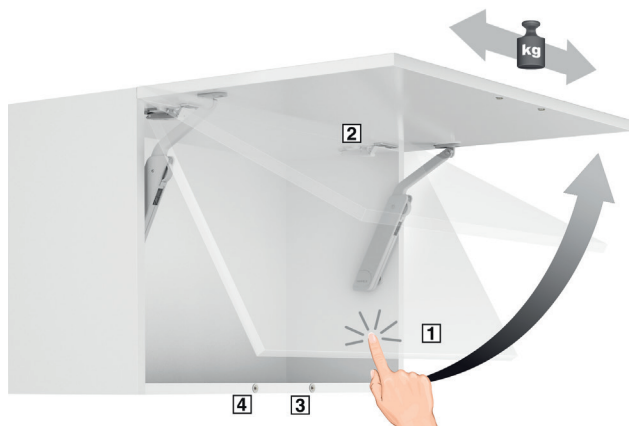


Touch-To-Open

> For opening the door slightly and with a multi-position stop

- 1 Slight pressure on the front opens the door slightly, it can then be opened and closed completely by hand. The door is held reliably in any position.
- 2 Application in combination with Salice Push concealed hinges.
- 3 Door is held closed by magnetic door catch and counter plate on the front panel.
- 4 Additional magnets for holding the door closed, optional.

Application	page 10.16
Fittings	page 10.18
Accessories for Push	page 10.18–10.19



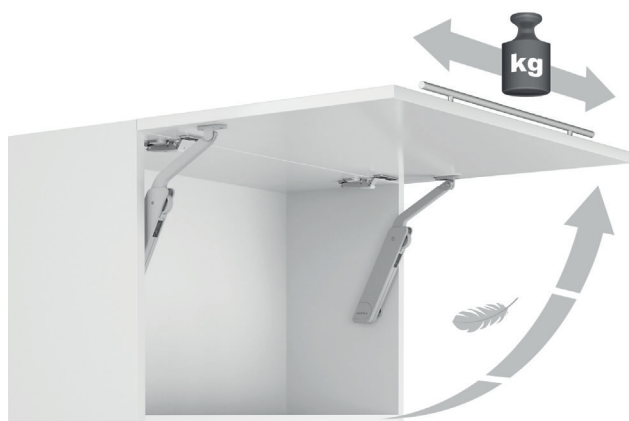
Push-To-Open

> For automatic complete opening

- 1 Slight pressure on the front opens the door completely to the end position
- 2 Application in combination with Salice Push concealed hinges
- 3 Door is held closed by magnetic door catch and counter plate on the front panel
- 4 Additional magnets for holding the door closed, optional.

Application	page 10.17
Fittings	page 10.18
Accessories for Push	page 10.18–10.19

Free Flap H 1.5 Power-Assisted Opening



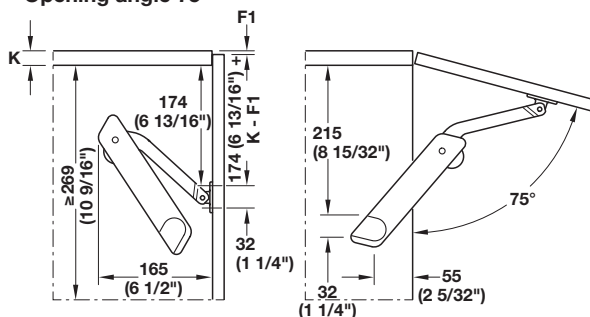
> For door with pulls

Door height	Door weight lbs.		
	Model A	Model B	Model D
For opening angle 75°			
350 (14")	5.7–9.3	8.4–14.3	13.7–24
400 (16")	5.1–7.3	6.6–12.8	12.3–22.5
450 (18")	4.9–6.8	6–10.1	12.1–21.4
500 (20")	3.7–6.2	5.1–10.1	10.1–28.7
550 (22")	3.5–5.7	4.9–9.3	9–14.6
600 (24")	2.6–5.1	4.6–8.6	8.6–13.2
For opening angle 90°			
275 (11")	6.2–8.4	7.7–13.2	12.8–23.1
300 (12")	4.9–7.5	7.3–12.6	11.5–19.8
350 (14")	4.6–6.4	6–10.8	10.6–17.6
400 (16")	3.5–5.1	5.1–10.1	9.5–17.4
450 (18")	2.9–4.9	4.4–8.4	8.4–13.9
500 (20")	2.6–4.4	3.7–7.5	7.5–13.2
550 (22")	2.6–4.2	3.7–6.6	6.6–11.2
600 (24")	2–3.5	3.5–6.6	6.6–10.4
For opening angle 110°			
275 (11")	4.2–6.2	5.7–9.5	9.3–15.7
300 (12")	2.4–5.3	5.3–9	8.8–15.4
350 (14")	2.4–4.6	4.6–8.2	7.9–14.1
400 (16")	2.4–3.7	3.7–7.1	7.1–12.1
450 (18")	2.2–3.5	3.5–6.2	6.2–12.1
500 (20")	2.2–3.1	2.9–5.5	5.5–9.9
550 (22")	1.8–2.9	2.9–4.9	4.9–8.6
600 (24")	1.5–2.6	2.6–4.9	4.9–9.5

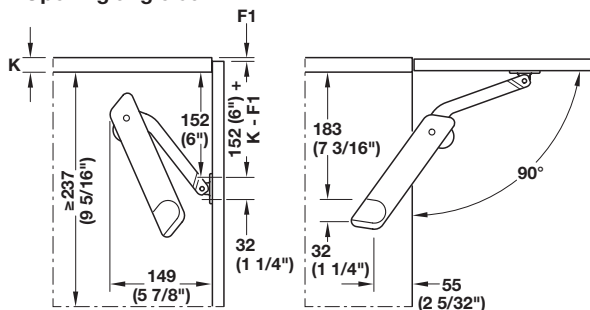
Note

The following dimensions and sample measurement tables must be strictly observed for this kind of application. Two Free Flap H 1.5 fittings must be installed for door width 600 mm (24") and above. The weight specification applies to one fitting. When using two fittings the door weight values double. Application in combination with concealed hinges with or without integrated soft closing.

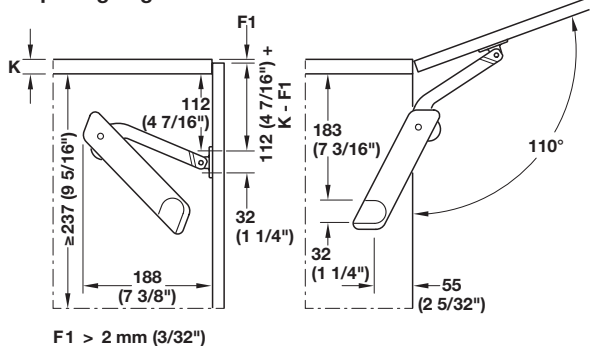
Opening angle 75°



Opening angle 90°

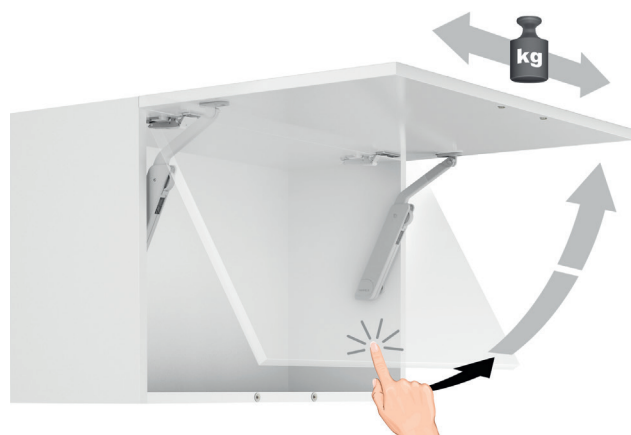


Opening angle 110°

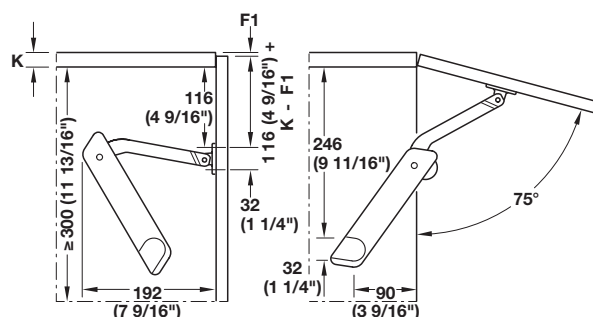


Information	page 10.13
Complete sets/individual fittings	page 10.18
Accessories	page 10.18

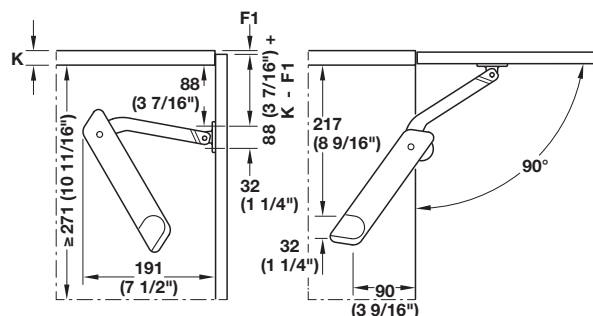
Free Flap H 1.5 Touch-to-open



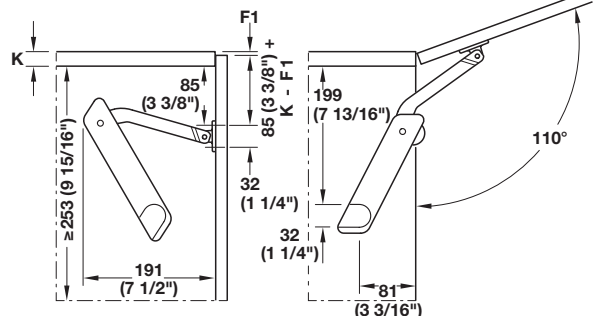
Opening angle 75°



Opening angle 90°



Opening angle 110°



F1 > 2 mm (3/32\")

> For opening the door slightly and with multi-position stop

Door height	Door weight lbs.		
	Model B	Model C	Model D
For opening angle 75°			
350 (14")	10.1–11.7	–	–
400 (16")	7.1–10.6	9.5–15.4	12.1–17.6
450 (18")	5.5–8.8	8.8–13.9	11–16.8
500 (20")	4.9–7.7	7.7–11.9	10.4–16.1
550 (22")	4.4–7.3	5.7–11.2	8.8–15.2
600 (24")	–	5.7–10.4	7.9–13.9
For opening angle 90°			
350 (14")	5.3–9.3	7.5–11.5	10.4–15.2
400 (16")	3.3–7.1	6.8–10.8	8.6–12.3
450 (18")	3.3–5.7	5.7–9.3	7.9–11.9
500 (20")	3.1–5.3	5.3–7.9	7.5–11
550 (22")	2.9–4.6	4.2–7.1	5.7–10.1
600 (24")	2.9–4.2	3.3–6	–
For opening angle 110°			
300 (12")	4.4–7.9	6.2–11.7	–
350 (14")	4.4–7.5	6–10.1	7.9–12.3
400 (16")	4–6.4	5.7–8.6	7.7–11
450 (18")	3.1–4.9	4.9–8.2	6.4–9.7
500 (20")	2.9–4.9	4.4–7.5	5.7–8.2
550 (22")	2.2–4	3.5–7.1	5.1–8.6
600 (24")	–	3.3–6	4.9–7.5

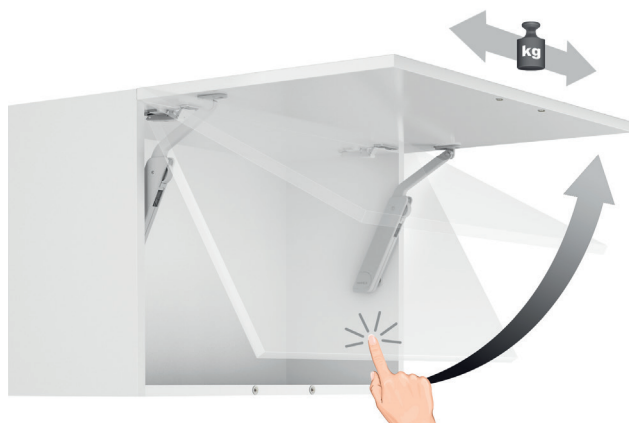
Note

The following dimensions and sample measurement tables must be strictly observed for this kind of application. Two Free Flap H 1.5 fittings must be installed for door width 600 mm (24") and above. The weight specification applies to one fitting. When using two fittings the door weight values double. Application in combination with Salice Push hinges and magnetic door catches.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Information	page 10.13
Complete sets/individual fittings	page 10.18
Accessories for Touch	pages 10.18–10.19

Free Flap H 1.5 Push-to-open



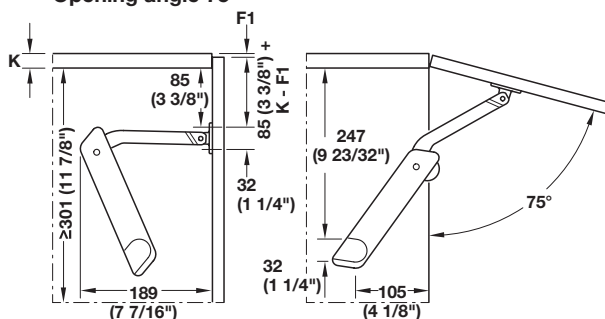
> For automatic complete opening

Door height	Door weight lbs.		
	Model B	Model C	Model D
For opening angle 75°			
350 (14")	5.7–7.9	6.8–11.7	10.4–14.6
400 (16")	5.1–6.8	6.8–11.2	9.5–14.6
450 (18")	4–5.7	5.7–8.8	7.9–12.3
500 (20")	3.5–5.1	5.1–7.9	7.3–10.6
550 (22")	3.3–4.6	4.6–7.9	6.8–10.1
600 (24")	3.1–4.4	4.4–7.1	6–9.3
For opening angle 90°			
350 (14")	3.7–5.5	4.6–7.1	6.6–8.8
400 (16")	2.9–4.2	4.2–6.2	6.2–8.8
450 (18")	2.4–3.3	3.3–5.7	4.9–7.1
500 (20")	–	3.1–5.3	4.4–6.4
550 (22")	–	2.9–4.9	6.6–10.1
600 (24")	–	2.9–3.7	3.3–5.5
For opening angle 110°			
300 (12")	3.3–4.6	4.6–6.6	6–9
350 (14")	3.3–4.6	4.2–6	5.7–8.2
400 (16")	2.4–3.3	3.3–5.5	4.9–7.7
450 (18")	2.2–2.9	2.9–5.1	4.4–6.4
500 (20")	–	2.6–3.7	3.5–6
550 (22")	–	2.6–3.7	3.3–5.1
600 (24")	–	2.6–3.3	2.9–4.6

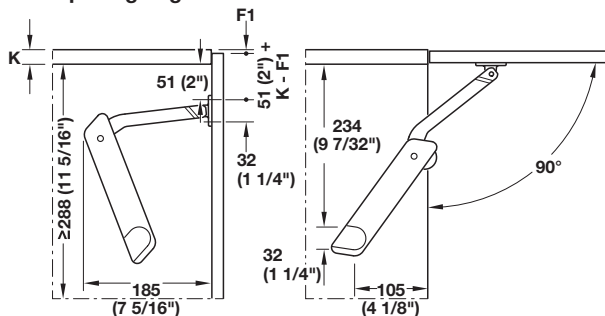
Note

The following dimensions and sample measurement tables must be strictly observed for this kind of application. Two Free Flap H 1.5 fittings must be installed for door width 600 mm (24") and above. The weight specification applies to one fitting. When using two fittings the door weight values double. Application in combination with Salice Push concealed hinges and magnetic door catches.

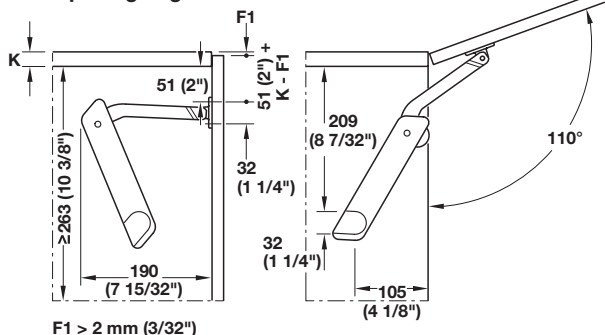
Opening angle 75°



Opening angle 90°



Opening angle 110°



Information	page 10.13
Complete sets/individual fittings	page 10.18
Accessories for Push	pages 10.18–10.19

Free Flap H 1.5



- > For wood or aluminum framed doors
- > Clips on without tools
- > Holding power adjustment
- > Material: Plastic; Finish: gray; Arm: Zinc Alloy; Finish: nickel-plated

Model	Item No.
A	372.28.600
B	372.28.610
C	372.28.620
D	372.28.630

Supplied with

Lid stay
Bracket for cabinet
Bracket for door (for euro screws)
Cover caps
Hex key, SW10
Mounting instructions

Note

Use two fittings for flap widths over 600 mm (23 5/8").

→ Cover Caps



- > For weight bearing capacity adjustment facility
- > Material: Plastic; Color: gray

Mounting	Item No.
right	372.39.000
left	372.39.001

→ Hex Key



- > SW10
- > Material: Plastic

Color	Item No.
gray	235.79.301

→ Door Bracket



- > Screw mounted
- > Mounts on both sides
- > Material: Plastic

Color	Item No.
gray	372.39.014

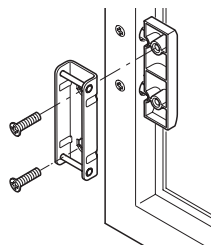
→ Cabinet Bracket



- > Screw mounted
- > Mounts on both sides
- > Material: Plastic

Color	Item No.
gray	372.39.016

→ Aluminum Framed Door Mounting Bracket



- > Aluminum door frame: 20 mm (25/32")
- > Material: Zinc Alloy

Finish	Item No.
nickel-plated	372.37.044

Free Flap H 1.5



- > Self-opening hinges and release devices are easily mounted
- > Door thickness for 110° hinge: 16–23 mm (5/8"–29/32")
- > Side panel thickness: min. 16 mm (5/8")
- > Tab: 3–6 mm (1/8"–1/4")
- > Allows for a very clean design appearance
- > Reverse-spring hinges help "PUSH" the door open
- > Material: Steel; Finish: nickel-plated

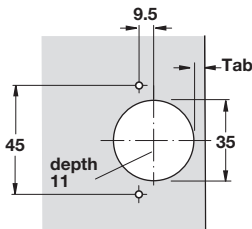
→ Salice PUSH System



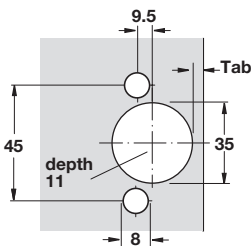
110°

Mounting	Overlay	Hinge arm	Model	Item No.
screw	full		C2PPA99	329.17.800
dowel	full		C2RPA99	329.17.810

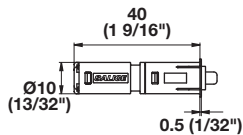
Screw mount



Dowel



→ Magnetic PUSH Latch



- > Material: Plastic

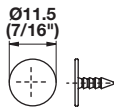
Color	Item No.
gray	356.06.462

Note
Order catch below.

→ Retaining Catch



→ Retaining Catch



- > With pin
- > Nail-on
- > Material: Steel

Finish	Item No.
nickel-plated	356.06.464

- > With adhesive strip
- > Material: Steel

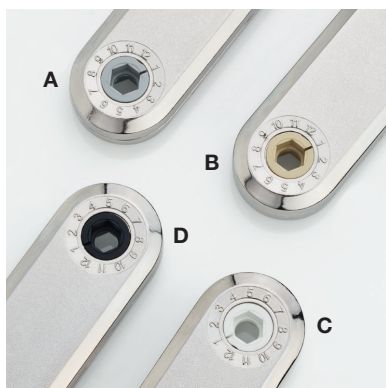
Finish	Item No.
nickel-plated	356.06.465

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Maxi

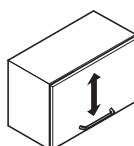


- > For wood or aluminum framed doors
- > All common applications for doors and openings can be achieved by changing mounting position and combining Maxi with the appropriate accessories
- > Applications include fronts with or without pulls, aluminum frames, automatic opening to the end position, multi-position stop and easy opening of heavy fronts
- > For use on one or both sides depending on the door size
- > Holding power can be adjusted individually to respective door weight

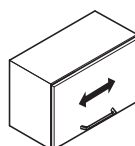


Overview of finish designation
(Adjusting screw) for differentiating the models "A", "B", "C" and "D"

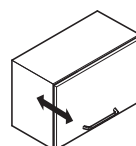
Front adjustment facility



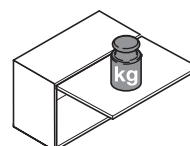
*Height adjustment



*Side adjustment



*Tilt adjustment

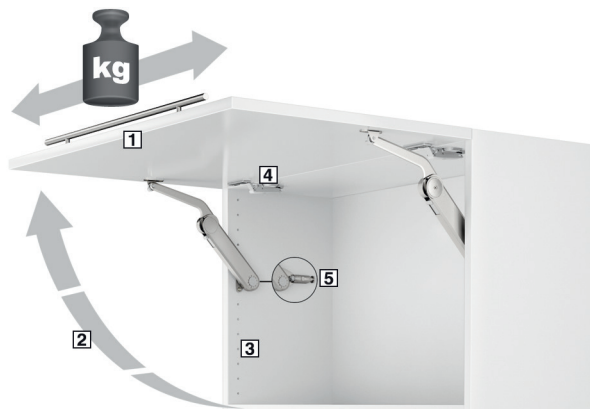
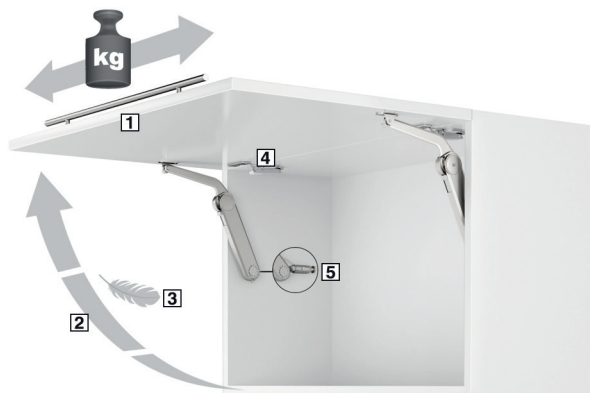
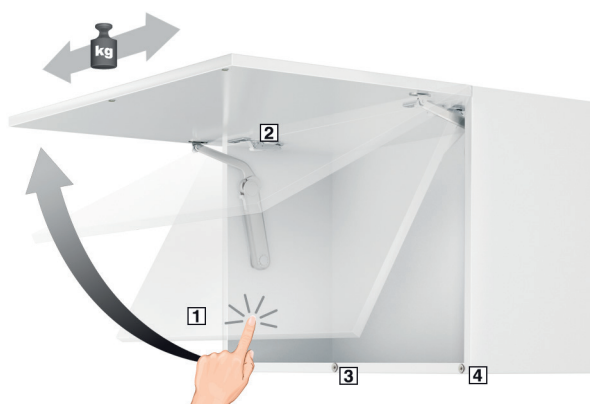
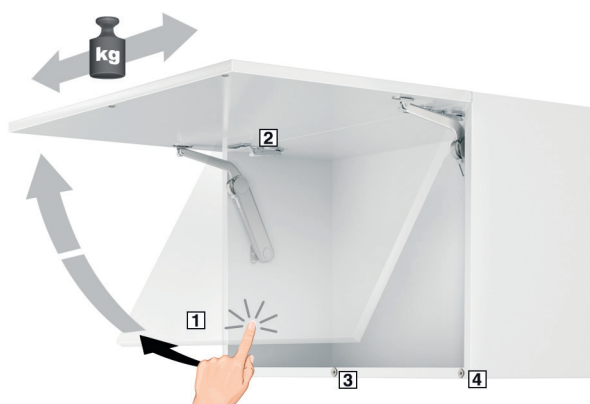


Holding power adjustment with SW10 Hex key see page 10.27

Note

*Depends on the hinges that are installed.

Applications



Touch-To-Open

> For opening the door slightly and with multi-position stop

- 1 Slight pressure on the front opens the door slightly, then it can be opened and closed completely by hand. The front is locked reliably in any position.
- 2 Application in combination with Salice Push concealed hinges.
- 3 Door is held closed by magnetic door catch and counter plate on the front panel.
- 4 Additional magnets for holding the door closed (optional).

Application	page 10.22
Fitting	page 10.26
Accessories for Push	pages 10.27–10.28

Push-To-Open

> For automatic complete opening

- 1 Slight pressure on the front opens the door completely to the end position.
- 2 Application in combination with Salice Push concealed hinges.
- 3 Door is held closed by magnetic door catch and counter plate on the front panel.
- 4 Additional magnets for holding the door closed (optional).

Application	page 10.23
Fitting	page 10.26
Accessories for Push	pages 10.27–10.28

Power-Assisted Opening

- 1 For wide and heavy doors with pulls.
- 2 Door locks reliably in any position.
- 3 Less manual force needed to open the door.
- 4 Application in combination with concealed hinges with or without automatic closing.
- 5 Optional soft closing mechanism available (recommended).

Application	page 10.24
Fittings	page 10.26
Accessories/Soft closing mechanism	page 10.27

Particularly Wide and Heavy Doors

- 1 For particularly wide and heavy doors with pulls.
- 2 Door locks reliably in any position.
- 3 Mounting in 32 mm (1 1/4") series drilled holes
Edge distance: 37 or 28 mm (1 7/16" or 1 1/8")
- 4 Application in combination with concealed hinges with or without automatic closing.
- 5 Optional soft closing mechanism available (recommended).

Application	page 10.25
Fittings	page 10.26
Accessories/Soft closing mechanism	page 10.27

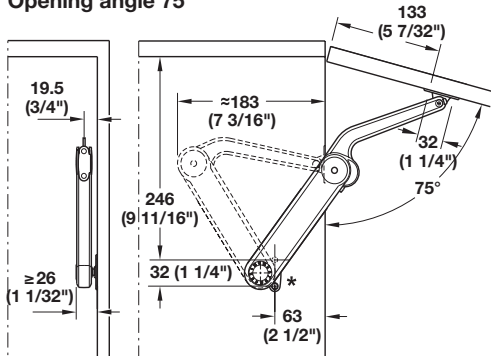
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Touch-to-open

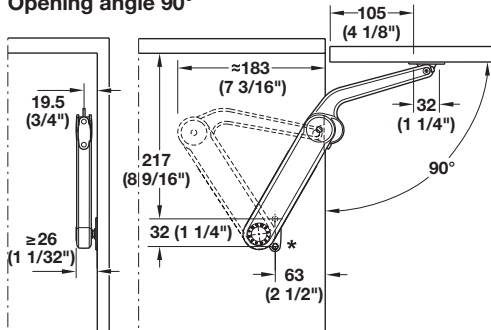


- > For opening the door slightly and with multi-position stop
- > Application in combination with Salice Push hinges and magnetic door catches

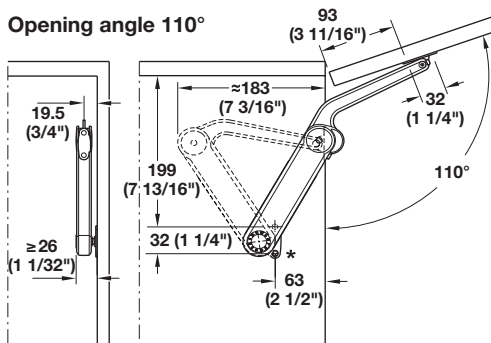
Opening angle 75°



Opening angle 90°



Opening angle 110°



*Dimensions for Maxi with mounting bracket
for 37 mm (1 7/16'') edge distance

Door height	Door weight lb			
	Model A	Model B	Model C	Model D
For opening angle 75°				
300 (12'')	4.4–8.4	8.8–17	15.4–30.8	–
400 (16'')	3.5–6.8	6.6–13.9	11–25.3	15.4–27.5
500 (20'')	2.9–5.5	5.9–11.4	10.3–18.5	12.1–23.1
600 (24'')	–	5.3–9.9	9.5–17.2	10.3–18.5
700 (28'')	–	4.8–8.8	8.8–16.5	9.5–17.6
800 (32'')	–	–	7.9–13.6	8.6–16.1
900 (36'')	–	–	7.5–12.8	7.7–14.7

For opening angle 90°

300 (12'')	4.4–7.7	7.3–14.8	13.6–22.7	17.1–30
400 (16'')	3.3–5.7	5.5–11	12.1–17.1	12.8–22.4
500 (20'')	2.6–4.6	4.4–8.8	7.9–13.9	10.3–18
600 (24'')	2.2–4	3.7–7.3	6.6–11.4	8.6–15
700 (28'')	2–3.1	3.1–5.9	5.5–9.5	7–12.6
800 (32'')	1.5–2.9	2.6–5.7	4.8–8.6	6.4–11.2
900 (36'')	1.5–2.6	2.4–4.8	4.4–7.5	5.7–9.9
1,000 (40'')	1.3–2.2	2.2–4.4	4–6.8	5.2–9

For opening angle 110°

200 (12'')	2.6–6.4	5.7–12.1	10.1–21	–
400 (16'')	2–4.8	4.4–9.7	8.4–15.4	10.1–19.1
500 (20'')	1.5–4	3.7–7.5	6.8–12.8	8.1–14.3
600 (24'')	–	3.1–6.6	5.7–10.3	6.8–12.8
700 (28'')	–	–	5.1–9	6.2–9.9
800 (32'')	–	–	4–6.8	5.3–9
900 (36'')	–	–	–	4.6–8.6
1,000 (40'')	–	–	–	4–8.1

Note

The following dimensions and sample measurement tables must be strictly observed for this kind of application. Two Maxi fittings must be installed for door width 600 mm (24'') and above. The weight specification applies to one Maxi fitting. When using two Maxi fittings the door weight values double.

Information	page 10.20
Complete sets/individual fittings	page 10.26
Accessories for Push	pages 10.27–10.28

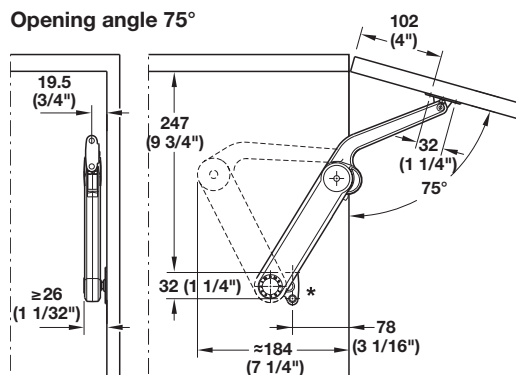
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Push-to-open

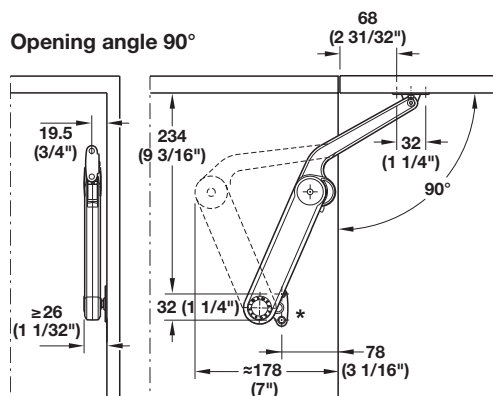


- > For automatic complete opening
- > Application in combination with Salice Push concealed hinges and magnetic door catches

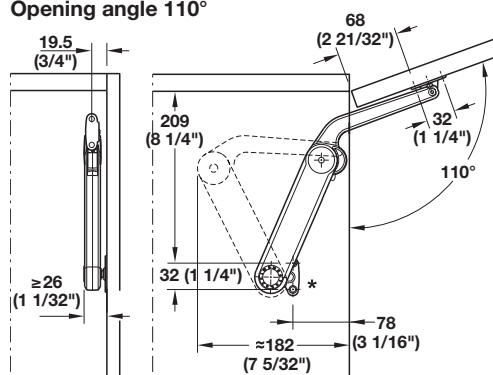
Opening angle 75°



Opening angle 90°



Opening angle 110°



***Dimensions for Maxi with mounting bracket for 37 mm (1 7/16") edge distance**

Information	page 10.20
Complete sets/individual fittings	page 10.26
Accessories for Push	pages 10.27–10.28

Door height	Door weight lb			
	Model A	Model B	Model C	Model D
For opening angle 75°				
300 (12")	5.2–7.2	9.9–14.9	12.1–20.9	18.9–25.9
400 (16")	3.7–5	7.9–11.6	10.1–16.9	13.2–22.2
500 (20")	–	5.9–10.3	9.4–15.4	12.7–20.2
600 (24")	–	4.6–7.2	6.3–11.2	8.5–14.5
700 (28")	–	4.6–6.6	5.7–9.9	7.4–12.7
800 (32")	–	–	5.5–9.2	7.2–12.1
900 (36")	–	–	4.6–8.1	6.1–10.5
1000 (40")	–	–	4.4–7.4	5.9–9.6

For opening angle 90°

300 (12")	3.7–5.2	6.8–10.1	8.3–15.4	12.7–21.5
400 (16")	–	5.2–8.1	6.8–12.1	9.2–15.6
500 (20")	–	3.5–6.3	5.7–9.9	7.4–12.7
600 (24")	–	3.3–5.2	4.6–7.9	6.3–10.5
700 (28")	–	2.6–4.6	3.3–7	5.5–8.8
800 (32")	–	–	2.8–6.3	4.8–8.3
900 (36")	–	–	2.4–5.7	4.1–7.2
1000 (40")	–	–	–	3.5–6.6

For opening angle 110°

300 (12")	–	5.9–8.8	7.7–13.4	11.2–17.1
400 (16")	–	3.9–6.6	5.9–10.1	7.4–11
500 (20")	–	3.7–5.2	5–8.1	6.6–10.7
600 (24")	–	3–4.6	3.9–6.8	5.5–9.2
700 (28")	–	–	3.5–5.9	4.8–7.7
800 (32")	–	–	–	3.9–6.8
900 (36")	–	–	–	3–6.3
1000 (40")	–	–	–	2.6–5.7

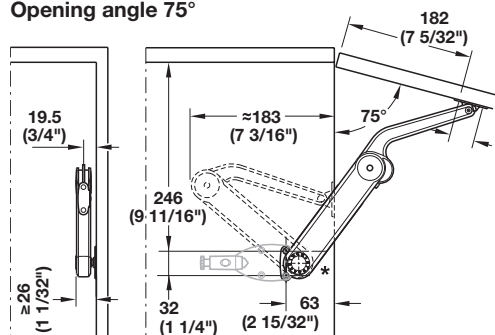
Note

The following dimensions and sample measurement tables must be strictly observed for this kind of application. Two Maxi fittings must be installed for door width 600 mm (24") and above. The weight specification applies to one Maxi fitting. When using two Maxi fittings the door weight values double.

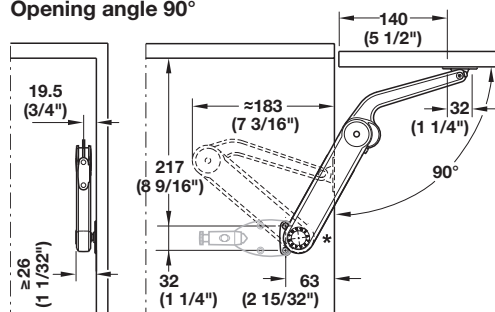
Power-Assisted Opening



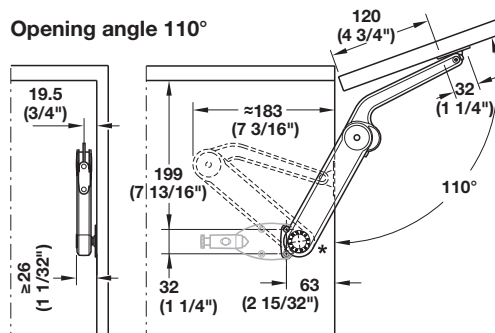
Opening angle 75°



Opening angle 90°



Opening angle 110°



*Dimensions for Maxi with mounting bracket
for 37 mm (1 7/16'') edge distance

> For doors with pulls

Door height	Door weight lbs.			
	Model A	Model B	Model C	Model D
For opening angle 75°				
400 (16'')	4.9–8.8	9.5–18	15.6–30.8	–
500 (20'')	4–7.1	7.5–15.4	14.1–25.3	15–29.5
600 (24'')	3.5–6.6	6.4–12.1	11.2–22	14.1–24.6
700 (28'')	3.1–6.2	5.7–11.2	10.8–20	11.7–22.4
800 (32'')	–	5.3–10.1	8.8–16.3	10.8–19.8
900 (36'')	–	4.8–9.7	8.4–15.4	10.3–18
1000 (40'')	–	4.4–9.2	7.7–14.7	9.7–16.8
For opening angle 90°				
300 (12'')	5.9–11.2	11–18.7	17.6–26.4	19.8–33
400 (16'')	4.6–7.7	9.9–14.7	12.8–24.7	15.8–29.7
500 (20'')	3.5–5.7	7.7–12.1	9.9–19.4	13.2–24.2
600 (24'')	2.9–4.8	5.9–9.5	8.6–16.9	10.6–18.7
700 (28'')	2.6–4.4	5.5–8.1	7–14.1	9.2–16.7
800 (32'')	–	5.3–7.5	6.6–11.9	7.7–14.7
900 (36'')	–	–	5.9–11.4	6.6–13.2
1000 (40'')	–	–	–	5.9–12.1
For opening angle 110°				
300 (12'')	3.1–7.1	6.8–13	11.9–22	–
400 (16'')	2.6–5.5	6.6–11	9.2–17.8	10.6–19.8
500 (20'')	2–4.4	4.8–8.4	7–13.9	6.2–16.5
600 (24'')	1.5–3.3	4.2–7.7	5.9–13.2	7.7–15
700 (28'')	–	3.7–5.9	5.5–9.9	6.6–11.4
800 (32'')	–	–	4.8–7.9	5.7–10.3
900 (36'')	–	–	–	5.1–9.5
1000 (40'')	–	–	–	4.4–8.8

Note

The following dimensions and sample measurement tables must be strictly observed for this kind of application. Two Maxi fittings must be installed for door width 600 mm (24'') and above. The weight specification applies to one Maxi fitting. When using two Maxi fittings the door weight values double. Application in combination with concealed hinges with or without self closing.

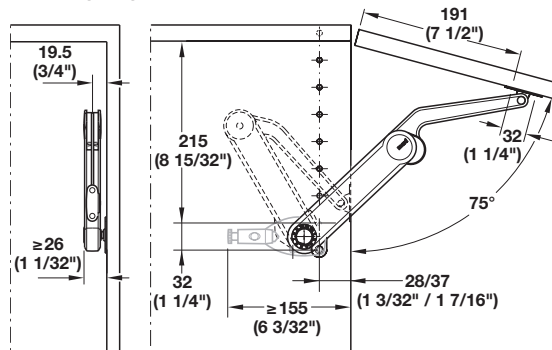
Information	page 10.20
Complete sets/individual fittings	page 10.26
Accessories/optional soft closing mechanism	page 10.27

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

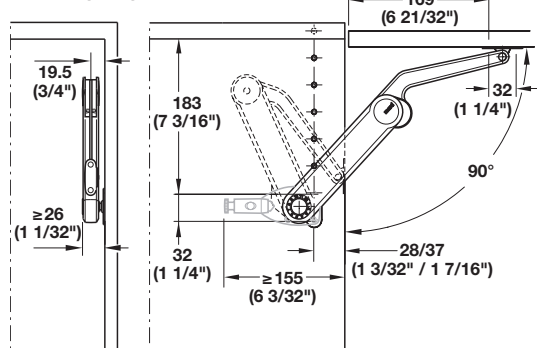
Power-Assisted Opening



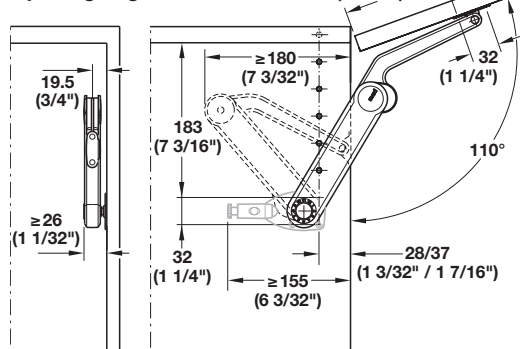
Opening angle 75°



Opening angle 90°



Opening angle 110°



> For particularly wide and heavy doors with pulls

Door height	Door weight lbs.			
	Model A	Model B	Model C	Model D
For opening angle 75°				
300 (12")	8.4–15.6	14.7–30.1	26.2–46.2	33.9–60.1
400 (16")	6.2–11.7	11–22.7	19.6–34.8	25.5–45.1
500 (20")	5.1–9.5	9–18.3	15.8–27.5	20.7–35.6
600 (24")	4.2–7.7	7.3–15.4	13–23.3	16.7–30.1
700 (28")	3.5–6.6	6.2–12.5	11–19.4	14.3–25.1
800 (32")	3.1–5.9	5.5–11.2	9.7–17.4	12.5–22.9
900 (36")	2.9–5.3	4.8–10.1	8.8–15.4	5.5–20
1000 (40")	2.4–4.6	4.4–9	7.9–13.9	10.1–18
For opening angle 90°				
300 (12")	6.6–11.7	11.2–22.4	20–34.8	26.2–45.8
400 (16")	5.1–8.8	8.4–16.7	15.2–26.2	19.6–34.3
500 (20")	4–7	5.3–13.4	12.1–21.1	15.8–27.5
600 (24")	3.3–5.9	5.7–11.22	10.1–17.4	13.2–22.9
700 (28")	2.9–4.8	4.6–9.2	8.4–14.5	10.8–19.1
800 (32")	2.4–4.4	4.2–8.6	7.5–13	9.7–17.2
900 (36")	2.2–4	3.7–7.5	6.6–11.4	8.6–15.2
1000 (40")	1.3–3.5	3.3–6.6	5.9–10.3	7.9–13.6
For opening angle 110°				
300 (12")	5.3–8.8	8.6–16.5	15–25.6	20.2–33
400 (16")	4–6.6	6.4–12.3	11.2–19.1	15.2–24.7
500 (20")	3.1–5.3	5.3–9.9	8.8–15.6	12.5–19.8
600 (24")	2.6–4.4	4.2–8.4	7.3–13	9.9–16.8
700 (28")	2.2–3.7	3.7–6.8	6.4–10.6	8.4–13.6
800 (32")	2–3.1	3.1–6.2	5.7–9.5	7.5–12.3
900 (36")	1.8–2.9	2.9–5.5	5.1–8.4	6.6–11
1016 (40")	1.5–2.6	2.4–4.8	4.4–7.7	5.9–9.9

Note

The following dimensions and sample measurement tables must be strictly observed for this kind of application. Two Maxi fittings must be installed for door width 600 mm (24") and above. The weight specification applies to one Maxi fitting. When using two Maxi fittings the door weight values double. Application in combination with concealed hinges with or without self closing.

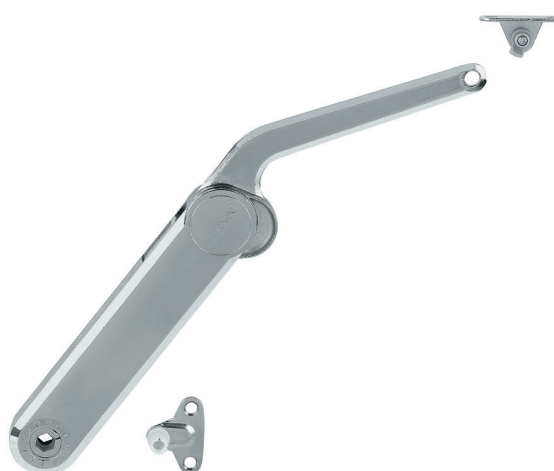
Information	page 10.20
Complete sets/individual fittings	page 10.26
Accessories/optional soft closing mechanism	page 10.27

Fittings



- > For wood or aluminum framed doors
- > Left/right hand use
- > Clips on tool-free
- > Holding power adjustment
- > Material: Zinc Alloy; Finish: nickel-plated; Brackets: Steel

→ **Complete Sets**



→ **Individual Fittings**



For wood or aluminum framed doors

- > Frame width: min. 45 mm (1 3/4")
- > Edge distance: 37 mm (1 7/16")

Model	Item No.
A	373.69.512
B	373.69.412
C	373.69.712
D	373.69.312

For aluminum framed doors

- > Frame width: min. 20 mm (25/32")
- > Edge distance: 37 mm (1 7/16")

Model	Item No.
A	373.69.502
B	373.69.402
C	373.69.702
D	373.69.302

Supplied with

Lid stay
Mounting bracket for cabinet
Screw mount bracket for door (for Euro screws)

Note

Use two Maxi fittings for door width over 600 mm (23 5/8").

10

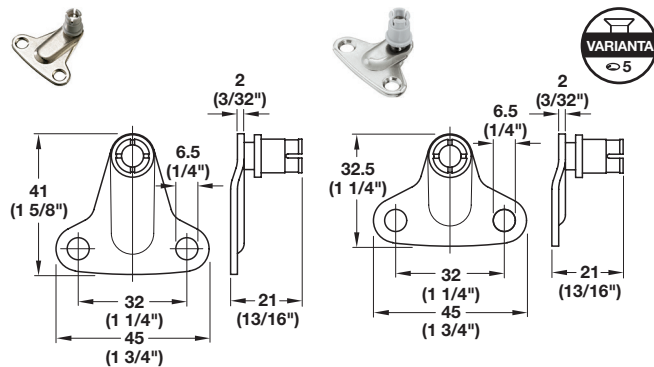
Lid and Flap Stays

Model	Item No.
A	373.69.902
B	373.69.900
C	373.69.901
D	373.69.903

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Accessories

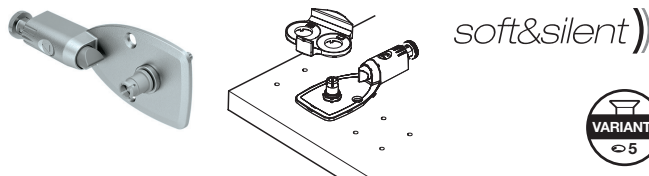
→ Cabinet Mounting Brackets



> Material: Steel; Finish: nickel-plated

Cabinet edge distance	Item No.
28 (1 1/8")	373.69.907
37 (1 7/16")	373.69.906

→ Soft Closing Mechanism



- > For edge distance: 28 and 37 mm (1 1/8" and 1 7/16")
- > Adjustable dampening distance
- > Material: Zinc Alloy

Finish	Item No.
nickel-plated	373.69.799

Note

The mounting bracket for the cabinet is not required when using the soft closing mechanism.

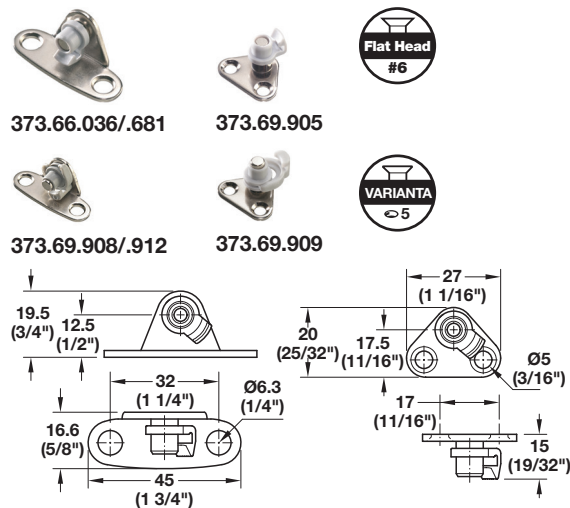
→ Hex Key



- > SW10
- > Material: Plastic

Color	Item No.
gray	235.79.301

→ Wood or Aluminum Framed Door Mounting Brackets



For wood or aluminum framed doors with frame width: min. 45 mm (1 3/4")

For aluminum framed doors with frame width: min. 20 mm (25/32")

- > Screw mounted
- > Frame width: min. 45 mm (1 3/4")
- > Material: Steel; Finish: nickel-plated

Installation	Item No.
wood screws	373.66.681
euro screws	373.66.036
with slide-on clip, for euro screws	373.69.908
with slide-on clip, for wood screws	373.69.912

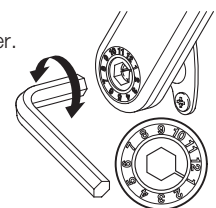
→ Aluminum Framed Door Mounting Brackets

- > Frame width: min. 20 mm (25/32")
- > Optional slide-on clip for easy mounting

Installation	Item No.
with slide-on clip	373.69.909
without slide-on clip	373.69.905

Note

Use numbers 1–8 for adjusting the holding power. Use numbers 9–12 to re-adjust door after a certain time (if necessary).



Flat head screws	pages 13.7–13.8, 13.10, 13.13
Varianta screws	page 13.16

Accessories



- > Self-opening hinges and release devices are easily mounted
- > Door thickness for 110° hinge: 16–23 mm (5/8"–29/32")
- > Side panel thickness: min. 16 mm (5/8")
- > Tab: 3–6 mm (1/8"–1/4")
- > Allows for a very clean design appearance
- > Reverse-spring hinges help "PUSH" the door open
- > Material: Steel; Finish: nickel-plated

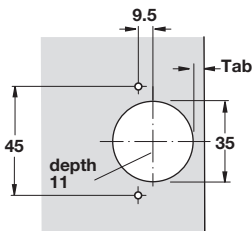
→ Salice PUSH System



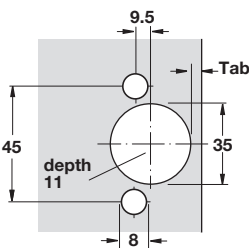
110°

Mounting	Overlay	Hinge arm	Model	Item No.
screw	full		C2PPA99	329.17.800
dowel	full		C2RPA99	329.17.810

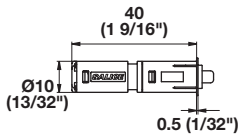
Screw mount



Dowel, Rapido, Logica



→ Magnetic PUSH Latch



- > Material: Plastic

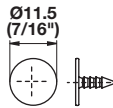
Color	Item No.
gray	356.06.462

Note
Order catch below.

→ Retaining Catch



→ Retaining Catch



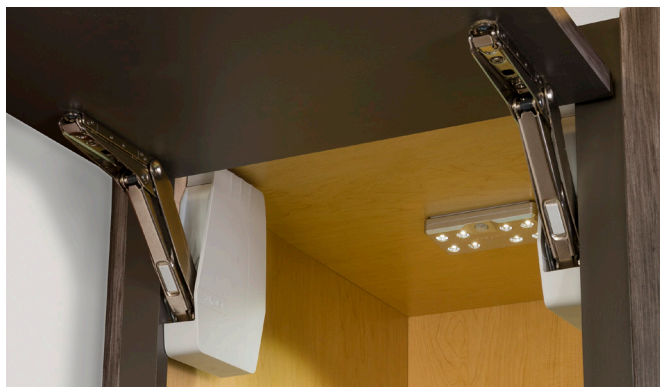
- > With pin
- > Nail-on
- > Material: Steel

Finish	Item No.
nickel-plated	356.06.464

- > With adhesive strip
- > Material: Steel

Finish	Item No.
nickel-plated	356.06.465

Free Flap 1.7



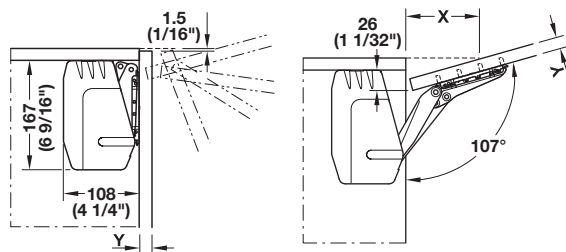
- > For small one-piece wood or aluminum framed doors
- > Aluminum framed door width: min. 45 mm (1 3/4")
- > Door height: 200–450 mm (8"–18")
- > Opening angle of 107° can be limited to 90° by using the optional opening angle restraint
- > Adjustments: Height/side/tilting angle of front: +/- 1.5 mm (1/16") holding power
- > Material: Fitting: Steel; Finish: nickel-plated
Cover Cap: Plastic; Color: gray RAL 7035

Model	Item No.
A	372.91.320
B	372.91.321
C	372.91.322

Supplied With

Left/right fittings
Left/right cover caps
2 Screw-on brackets for wood or aluminum framed doors
Installation instructions/drilling template

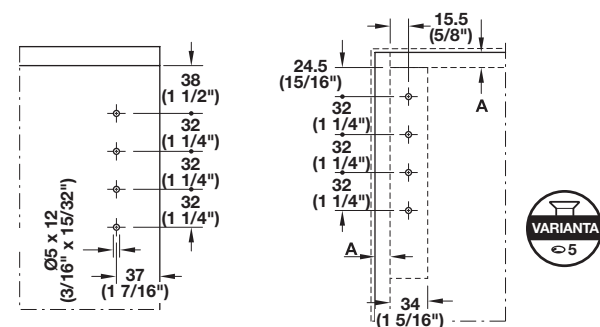
Installation



Front panel thickness Y	16 (5/8")	19 (3/4")	22 (7/8")	26 (1 1/32")	28 (1 1/8")
X with cabinet top panel thickness: 16 mm (5/8")	83 (3 1/4")	74 (2 29/32")	64 (2 1/2")	52 (2 1/32")	46 (1 13/16")

Note

Dim X helps calculate space required when raised panels or crown moldings are used.



Drilling pattern for cabinet

Drilling pattern for front panel

Model	Door weight ranges in pounds					
	A		B		C	
Door height	min.	max.	min.	max.	min.	max.
200 (8")	3.7	10.1	7.9	17.4	15	32.3
225 (9")	3.3	9.0	6.8	15.6	13.2	28.8
250 (10")	2.9	8.4	6.4	14.1	11.9	26.0
275 (11")	2.6	7.3	5.5	12.5	10.6	23.3
300 (12")	2.4	6.8	5.3	11.2	9.7	21.1
325 (13")	2.2	6.2	4.6	10.1	8.8	19.4
350 (14")	2.0	5.7	4.4	9.2	8.1	17.8
375 (15")	2.0	5.1	4.2	8.4	7.7	16.5
400 (16")	1.8	4.6	3.7	7.9	7.0	15.4
425 (17")	1.5	4.1	3.3	7.4	6.3	14.3
450 (18")	1.3	3.7	3.0	7.0	5.9	13.4

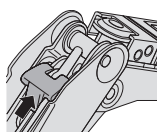
→ Replacement Parts

Item	Item No.
Cover cap set	372.91.234
Door mounting bracket	372.91.141

→ Opening Angle Restraint

- > For limiting opening angle of 107° to 90°
- > Material: Plastic

Color	Item No.
black	372.91.499



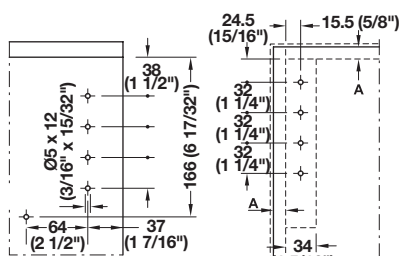
Free Flap 3.15



- > For large one-piece wood or aluminum framed doors
- > Frame width: min. 45 mm (1 3/4")
- > Door height: 350–650 mm (14"–26")
- > Opening angle 90° or 107°, adjustable on fitting
- > Adjustments: Height/side/tilting angle of front: +/- 1.5 mm (1/16") holding power
- > Material: Steel; Finish: nickel-plated
Cover Cap: Plastic; Color: gray RAL 7035

Note

Fitting is visible with clear and acid-etch glass, back painted glass should be considered.



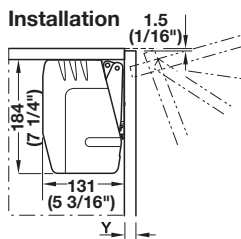
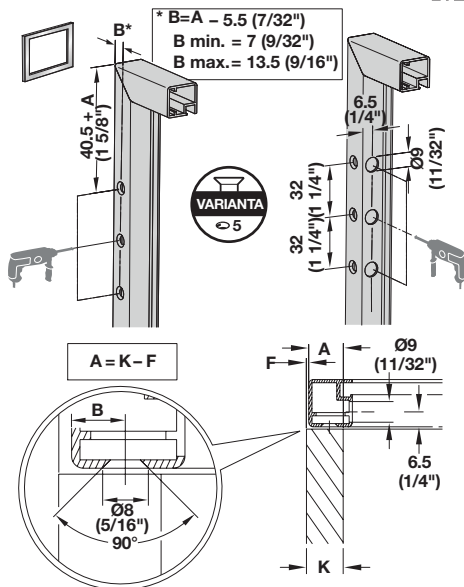
Drilling pattern
for cabinet

Drilling pattern
for front panel

Model	Item No.
D	372.91.330
E	372.91.331
F	372.91.332
G	372.91.333

Supplied With

Left/right fittings
Left/right cover caps
2 Screw-on brackets
Installation instructions/drilling template



Front panel thickness Y	16 (5/8")	19 (3/4")	22 (7/8")	26 (1 1/32")	28 (1 1/8")
X with cabinet top panel thickness: 16 mm (5/8")	83 (3 1/4")	74 (2 29/32")	64 (2 1/2")	52 (2 1/32")	46 (1 13/16")

Note

Dim X helps calculate space required when raised panels or crown moldings are used.

→ Adapter



- > Aluminum framed door width:
max. 20 mm (25/32")
- > For left/right hand use
- > Material: Zinc Alloy

Finish	Item No.
nickel-plated	372.91.599

Supplied With
M4x10 mm screws

→ Replacement Parts



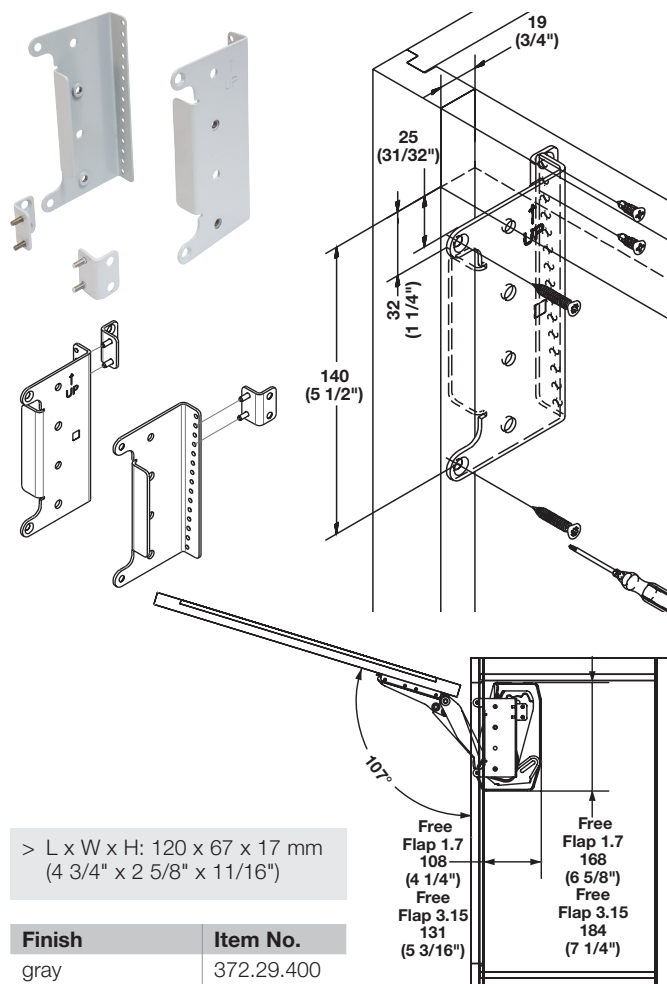
Item	Item No.
Cover cap set	372.91.234
Door mounting bracket	372.91.141

Door weight ranges in pounds								
Mode	D		E		F		G	
Door height	min.	max.	min.	max.	min.	max.	min.	max.
350 (14")	11.4	24.2	14.7	31.4	22.2	47.0	29.7	60.0
375 (15")	10.7	22.4	13.8	28.8	20.6	43.5	27.5	55.4
400 (16")	10.3	21.1	13.0	27.3	19.6	40.9	26.0	51.3
425 (17")	9.7	19.8	12.3	25.5	18.3	38.3	24.2	48.0
450 (18")	9.0	18.5	11.4	24.0	17.2	35.9	22.9	45.1
475 (19")	8.6	17.6	10.8	22.7	16.3	33.9	21.6	42.5
500 (20")	8.1	16.5	10.3	21.3	15.4	32.1	20.2	40.3
525 (21")	7.7	15.6	9.7	20.2	14.5	30.6	19.4	38.1
550 (22")	7.3	15.0	9.2	19.4	13.9	29.0	18.3	36.3
575 (23")	7.0	14.3	8.8	18.5	13.2	27.5	17.6	34.3
600 (24")	6.6	13.6	8.4	17.6	12.5	26.4	16.7	33.0
625 (25")	6.1	12.9	7.9	16.7	11.8	25.3	15.8	31.6
650 (26")	5.7	12.3	7.4	16.0	11.6	24.2	15.1	30.8

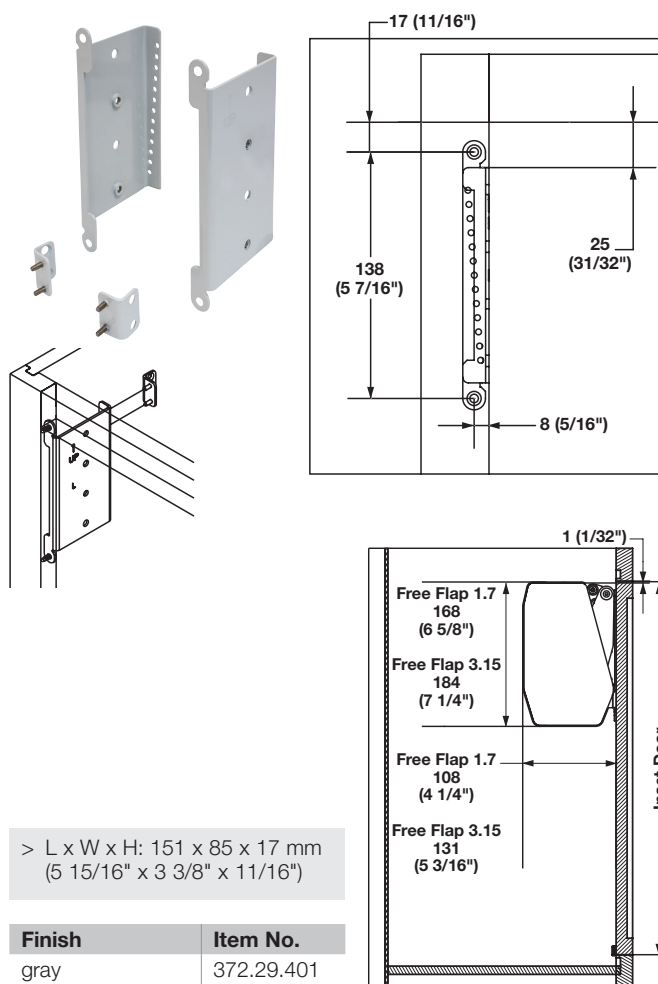
Accessories

- > Adjustable cabinet adapters to allow for overlay or inset door mounting in a face frame cabinet
- > Stabilizer brackets mount into the back of the bracket allowing adjustment for various interior sizes and provide extra security by reducing the torque applied to the front mounting screws
- > Material: Steel

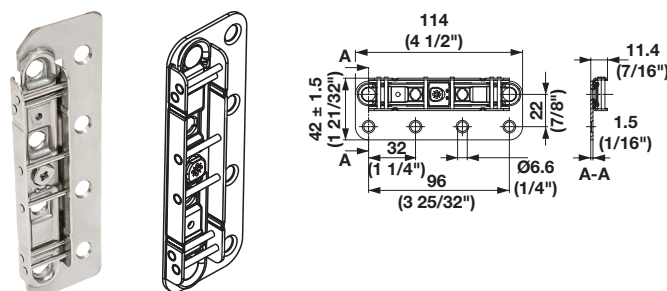
→ Cabinet Bracket Overlay Kit



→ Cabinet Bracket Inset Kit



→ Full Overlay Door Bracket, optional

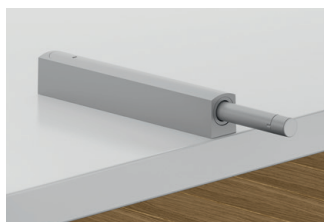


- > Allows 5 panel doors to be used in a face frame full overlay application
- > Unhanded
- > L x W x H: 114 x 42 x 11.4 mm (4 1/2" x 1 21/32" x 7/16")
- > Material: Steel

Finish	Item No.
nickel-plated	372.29.402

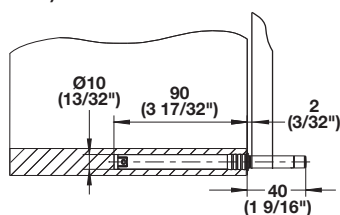
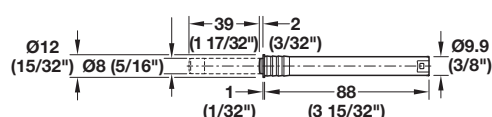
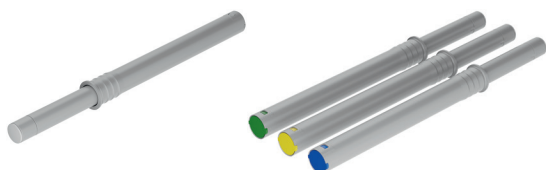
Supplied With
2 Brackets
Mounting instructions

Accessories



- > For push- and touch-to-open fittings
- > Push distance: approx. 2 mm (3/32")
- > Door width: max. 1.2 mm (1/32")

→ Push Catches

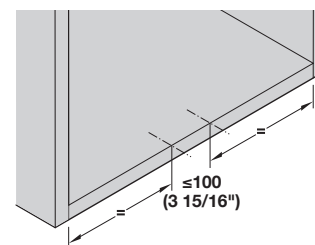
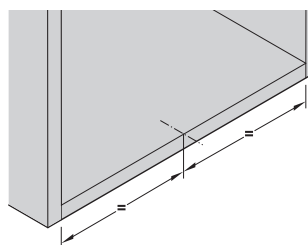


- > For mounting into drilled hole: Ø10 x 90 mm (13/32" x 3 17/32"), or sliding onto housing below
- > Material: Plastic; Color: gray, RAL 7004

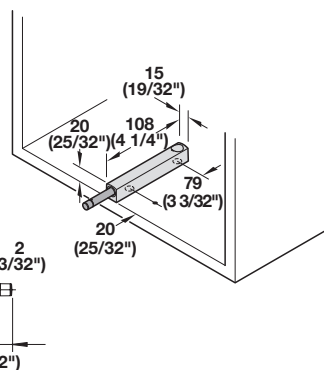
Model type	Color code	Force lbs.	Item No.
1	green	3.75–5 lbs.	372.91.470
2	yellow	4.85–7.5 lbs.	372.91.471
3	blue	5.75–10.5 lbs.	372.91.472

Note

Color code on the bottom of the catch indicates model type.



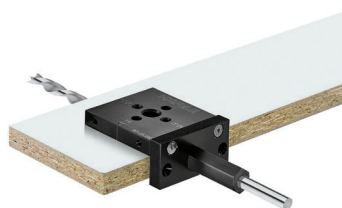
→ Surface Mounted Housing



- > Screw mounted
- > Material: Plastic

Color	Item No.
gray RAL 7035	372.91.479

→ Drilling Jig and Bit



Item	Item No.
Jig	001.25.080

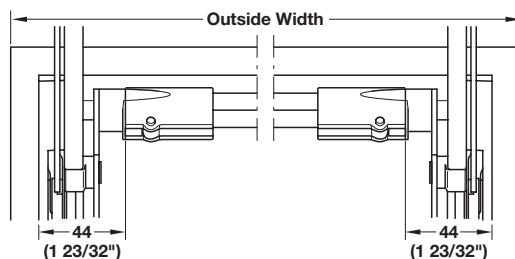
- > Ø10 x 460 mm (13/32" x 18 1/8")

Item	Item No.
Bit	001.20.356

Parallel Lift-up Front Fittings



→ Cross Bars



- > For synchronizing both fitting parts
- > Can be cut-to-size
- > Cut = internal cabinet width - 88 mm (3 15/32")
- > Material: Aluminum; Finish: brushed anodized

Outside cabinet width	Length	Item No.
600 (23 5/8")	474 (18 11/16")	372.33.692
900 (35 7/16")	774 (30 1/2")	372.33.694
1200 (47 1/4")	1074 (42 5/16")	372.33.696
1800 (70 7/8")	1674 (65 7/8")	372.33.698

Note

Cross bar is prepared for side panel thickness: 16–19 mm (5/8"–3/4").

→ Replacement Parts



Item	Item No.
Cover cap set	372.33.680
Door mounting bracket	372.91.141

- > For one-piece wood or aluminum framed doors
- > Ideal for upper cabinets or front panels
- > Modern design with clear-cut contours
- > Minimum opening resistance, multi-position stop function and soft opening and soft closing mechanism
- > Time-saving assembly provided by plugs, pre-mounted euro screws and clip mounting of front panel and cross bar, eccentric adjustment of front panel
- > Adjustment facility: Height adjustment ± 1.5 mm, side adjustment ± 1.5 mm, tilting angle $\pm 1.5^\circ$, holding power
- > May not be suitable for cabinets that sit on the countertop, (i.e. appliance garages); see dimension "U" indicating that the door does not completely lift past the cabinet opening
- > Material: Plastic/Steel; Finish: nickel-plated
Cover Cap: Plastic; Color: gray

Door height	Door weight lb	Model	Item No.
320–360 (12 5/8"–14 3/16")	6.6–12.5	O1us	372.33.500
	10.6–20.5	O2us	372.33.501
345–420 (13 9/16"–16 9/16")	5.3–10.6	P1us	372.33.510
	9–17.6	P2us	372.33.511
	16.3–30.8	P3us	372.33.512
	4.4–8.4	Q1us	372.33.520
380–500 (14 15/16"–19 11/16")	7.5–14.7	Q2us	372.33.521
	13.9–26	Q3us	372.33.522
	20.5–38.3	Q4us	372.33.523
	3.5–7.3	R1us	372.33.530
430–600 (16 15/16"–23 5/8")	5.7–12.1	R2us	372.33.531
	11–21.3	R3us	372.33.532
	16.3–32.1	R4us	372.33.533

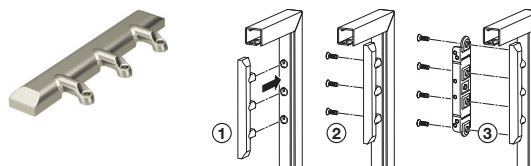
Supplied With

2 Fittings (right/left)
Front mounting material for wood or wide aluminum framed doors
Installation instructions
Paper drilling template
2 Cover caps for fitting (right/left)

Note

Cross bars are mandatory to synchronize left/right fittings.

→ Mounting Bracket for Aluminum Framed Doors



- > Aluminum framed door width: 20 mm (25/32")
- > For mounting to doors with a narrow aluminum frame
- > Left/right hand use
- > Material: Zinc Alloy

Finish	Item No.
nickel-plated	372.91.599

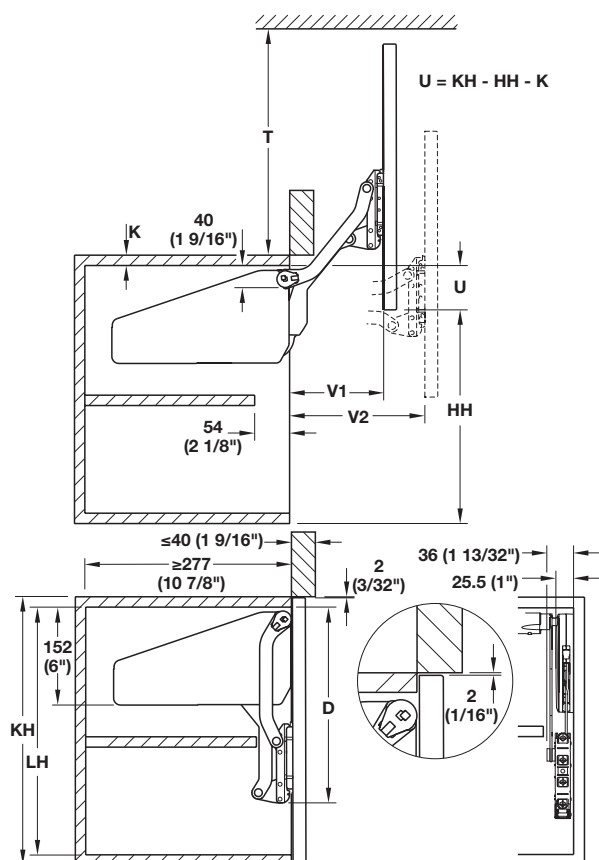
Supplied With

M4 x 10 mm screws

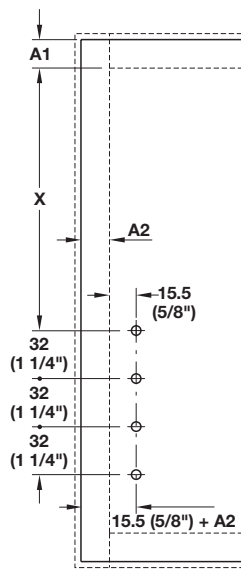
Note

Fitting is visible.

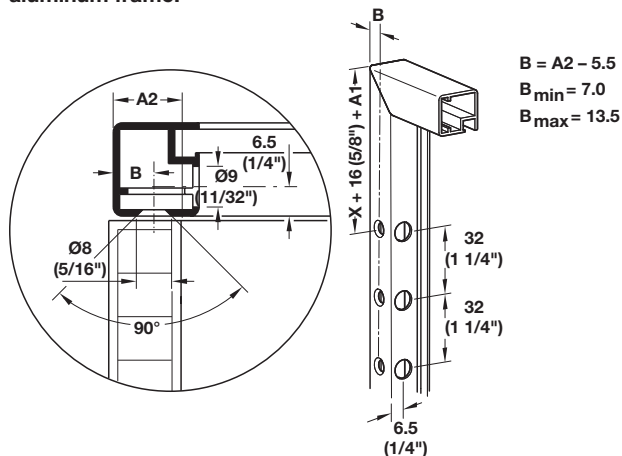
Planning



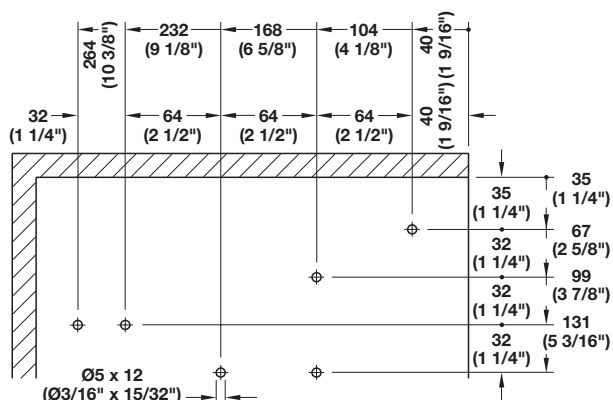
Drilling pattern for front panel



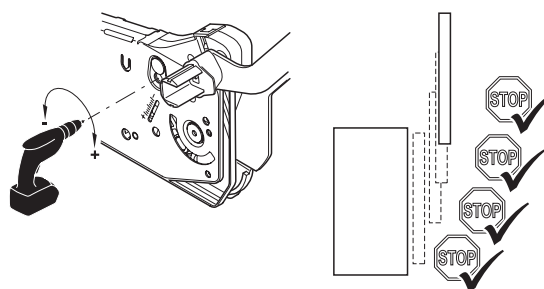
Drilling pattern for adapter for doors with 20 mm (13/16\"/>



Drilling pattern for cabinet



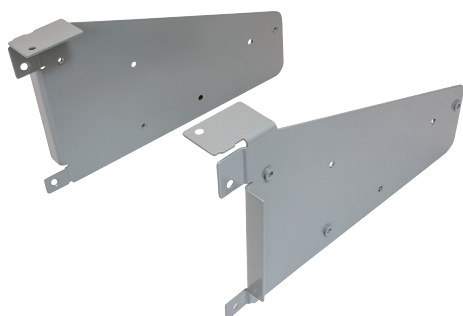
Power adjustment of fitting



Sample measurement table for choosing the correct model.

KH (cabinet height)	X	D	LH	HH	T	V1	V2
320-360 (12 1/2"-14 3/16")	157 (6 3/16")	274.5 (10 13/16")	>280 (11")	278 (10 7/8")	>281 (11 1/16")	128 (5 1/6")	177 (6 15/16")
345-420 (13 1/2"-16 1/2")	185 (7 1/4")	302.5 (11 15/16")	>308 (12 1/8")	328 (12 15/16")	>333 (13 1/8")	146 (5 3/4")	205 (8 1/16")
380-500 (16"-19" 11/16")	220 (8 21/32")	337.5 (13 5/16")	>343 (13 1/2")	390 (15 3/8")	>393 (15 1/2")	168 (6 5/8")	240 (9 7/16")
430-600 (17"-23 5/8")	265 (10 3/8")	382.5 (15 1/16")	>388 (15 1/4")	470 (18 1/2")	>473 (18 5/8")	196 (7 11/16")	284 (11 3/16")

→ Overlay Cabinet Bracket Kit



- > Allows for overlay door mounting in a face frame cabinet
- > Use in wall or corner appliance garage cabinets
- > L x W x H: 273 x 151 x 50 mm (10 3/4" x 6" x 1 31/32")
- > Material: Steel

Finish

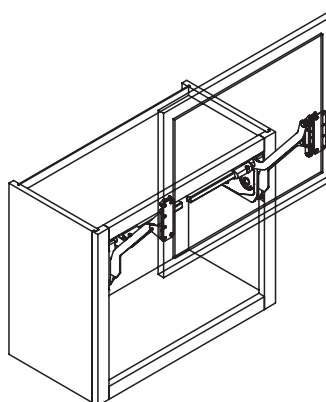
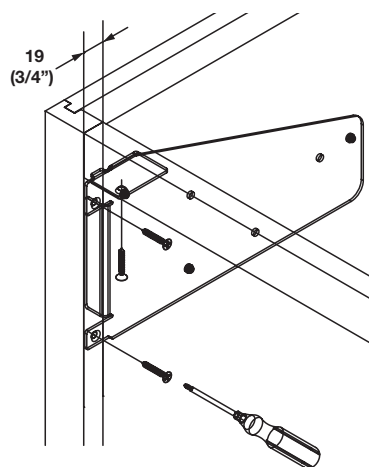
gray

Item No.

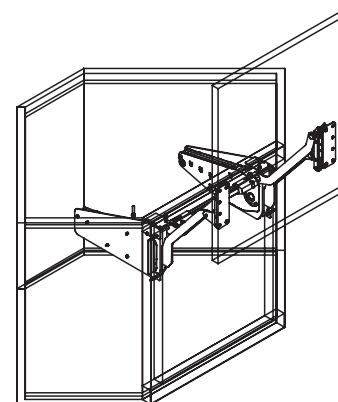
372.29.118

Supplied With

LH and RH cabinet and stabilizer brackets
Mounting screws
Mounting instructions

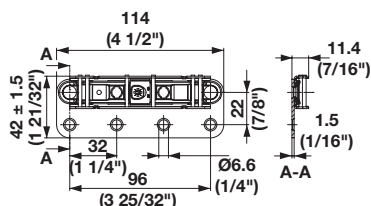
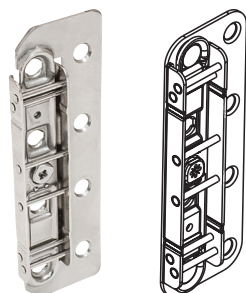


Appliance Garage



Corner Appliance Garage

→ Full Overlay Door Bracket, optional



- > Allows 5 panel doors to be used in a face frame full overlay application
- > Unhanded
- > L x W x H: 114 x 42 x 11.4 mm (4 1/2" x 1 21/32" x 7/16")
- > Material: Steel

Finish

nickel-plated

Item No.

372.29.402

Supplied With

2 Brackets
Mounting instructions

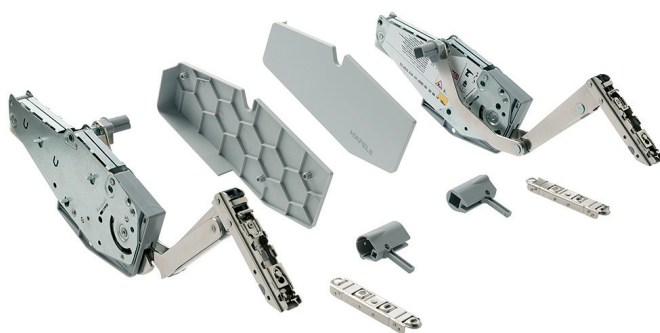
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Free Swing



- > For one-piece wood, glass or aluminum framed doors
- > Allows for full access to cabinet contents
- > Ideal for large front panels
- > Modern design with clear-cut contours
- > Minimum opening resistance, multi-position stop function and soft opening and soft closing mechanism for ease of operation
- > Time-saving assembly provided by tabs, pre-mounted Euro screws and clip mounting of front panel and cross bar, eccentric adjustment of front panel
- > Adjustment facility: Height adjustment ± 1.5 mm
Side adjustment ± 1.5 mm
Tilting angle $\pm 1.5^\circ$, holding power
- > Material: Fitting: Plastic/Steel; Finish: nickel-plated
Cover Cap: Plastic; Finish: gray

Model	S4sw	S5sw	S6sw	S7sw	S8sw	S9sw
Door height	Door weight lbs.					
370–500 (14 9/16"–19 11/16")	7–12 lbs.	–	–	11–19 lbs.	–	–
500–670 (19 11/16"–26 3/8")	–	10–19 lbs.	–	–	18–30 lbs.	–
670–800 (26 3/8"–31 1/2")	–	–	12–22 lbs.	–	–	18–33 lbs.



Model	Item No.
S4sw	372.34.501
S6sw	372.34.521
S7sw	372.34.502
S8sw	372.34.512
S9sw	372.34.522

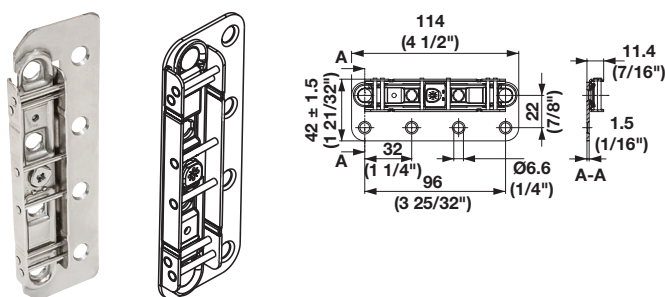
Supplied With

2 Fittings (right/left)
Front mounting material for wood or wide aluminum doors
Installation instructions
Paper drilling template
2 Cover caps for fitting (right/left)

Note

Cross bar and bracket for narrow aluminum frames, if applicable, must be ordered separately. See page 10.38.

→ Full Overlay Door Bracket, optional



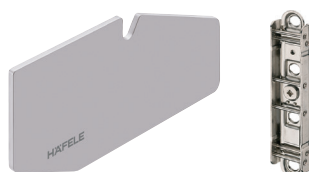
- > Allows 5 panel doors to be used in a face frame full overlay application
- > Unhanded
- > L x W x H: 114 x 42 x 11.4 mm (4 1/2" x 1 21/32" x 7/16")
- > Material: Steel

Finish	Item No.
nickel-plated	372.29.402

Supplied With

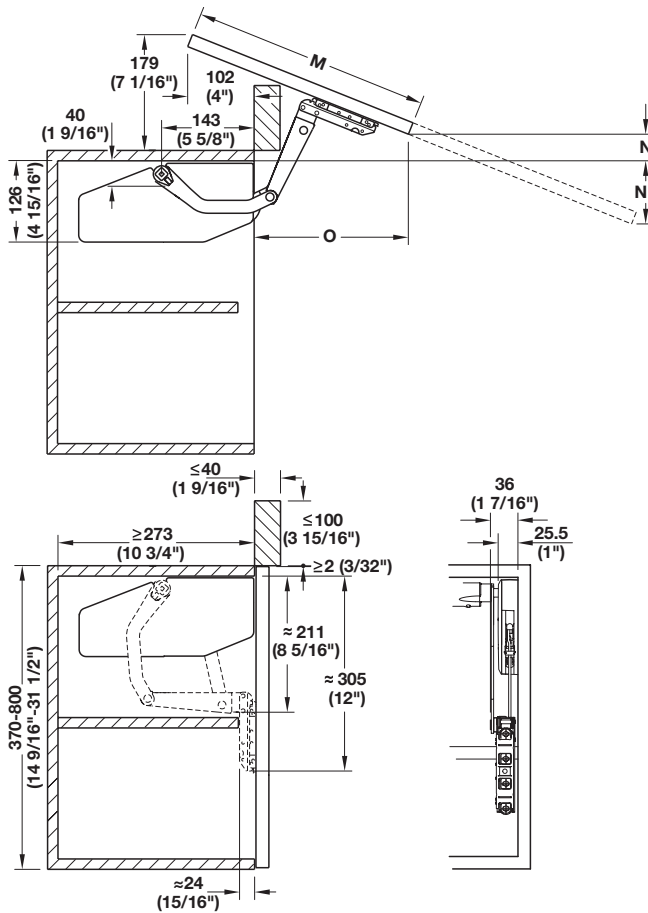
2 Brackets
Mounting instructions

→ Replacement Parts

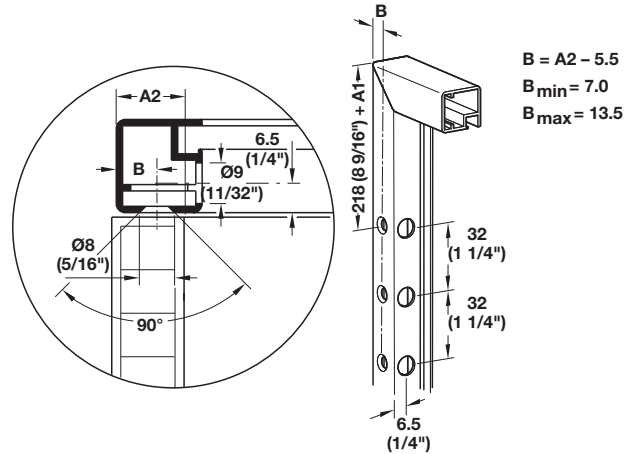


Item	Item No.
Cover cap set	372.34.680
Door mounting bracket	372.91.141

Planning



Drilling pattern for adapter for doors with 20 mm (13/16") aluminum frame.

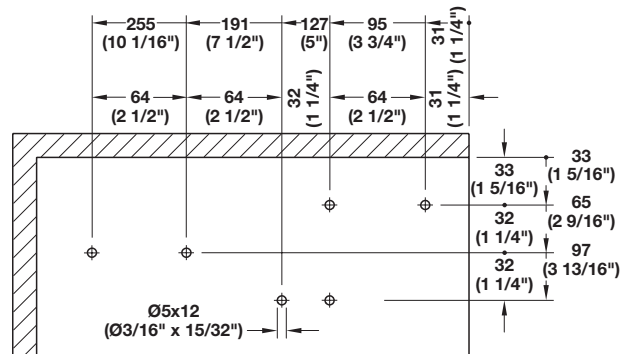


$$B = A2 - 5.5$$

$$B_{\min} = 7.0$$

$$B_{\max} = 13.5$$

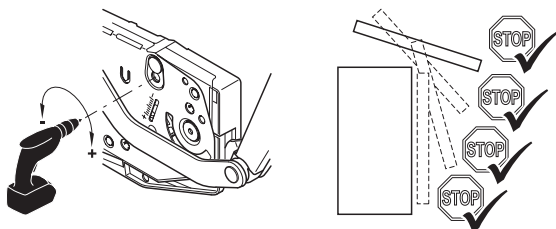
Drilling pattern for cabinet



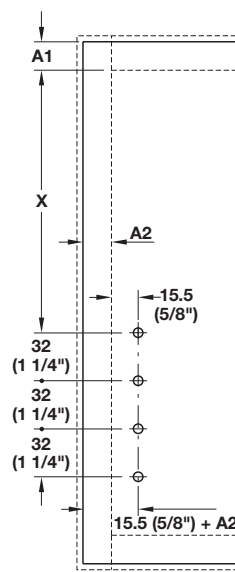
Sample door sizes for planning

M	N	N1	O
366 (14 7/16")	40 (1 9/16")	—	237.4 (9 3/8")
396 (15 9/16")	28.9 (1 1/8")	—	265.3 (10 7/16")
446 (17 9/16")	10.3 (3/8")	—	311.7 (12 1/4")
496 (19 1/2")	—	8.3 (5/16")	358.1 (14 1/8")
546 (21 1/2")	—	26.9 (1 1/16")	404.6 (15 15/16")
596 (23 7/16")	—	45.4 (1 13/16")	451 (17 3/4")
646 (25 7/16")	—	64 (2 1/2")	497.4 (19 9/16")
666 (26 1/4")	—	71.4 (2 13/16")	516 (20 5/16")
696 (27 3/8")	—	82.6 (3 1/4")	543.8 (21 7/16")
746 (29 3/8")	—	101.2 (4")	590.2 (23 1/4")
796 (31 5/8")	—	119.7 (4 11/16")	636.7 (25 1/16")

Power adjustment of fitting

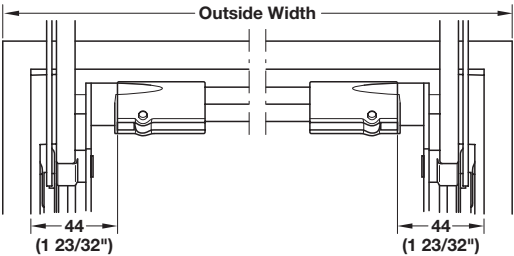
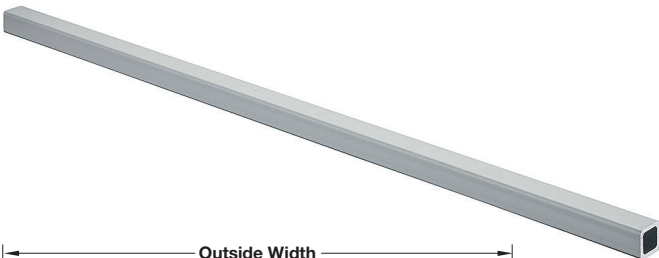


Drilling pattern for front panel



Accessories

→ Cross Bars

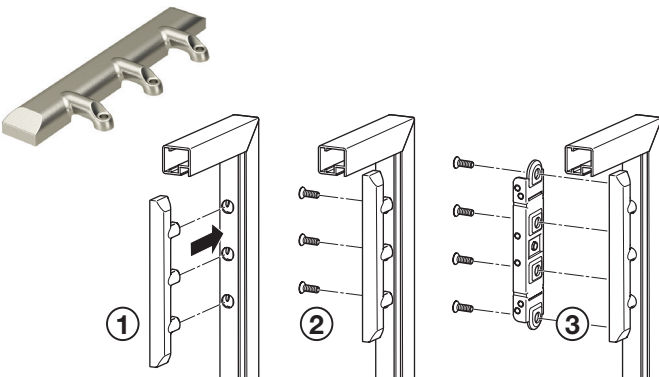


- > For synchronizing both fitting parts
- > Can be cut-to-size
- > Cut = internal cabinet width - 88 mm (3 15/32")
- > Material: Aluminum; Finish: brushed anodized

Outside cabinet width	Length	Item No.
600 (23 5/8")	474 (18 11/16")	372.33.692
900 (35 7/16")	774 (30 1/2")	372.33.694
1200 (47 1/4")	1074 (42 5/16")	372.33.696
1800 (70 7/8")	1674 (65 7/8")	372.33.698

Note
Cross bar for side panel thickness: 16–19 mm (5/8"–3/4").

→ Mounting Bracket for Aluminum Framed Doors



- > Aluminum framed door width: 20 mm (25/32")
- > For mounting to doors with narrow aluminum frame
- > Left/right hand use
- > Material: Zinc Alloy

Finish	Item No.
nickel-plated	372.91.599

Supplied With
M4 x 10 mm screws

Note
Fitting is visible.

Double Door Lift-up Fittings



- > For 2-piece equal size wood or aluminum framed doors
- > Cabinet depth: min. 288 mm (11 5/16")
- > Even high front panels can be lifted up in a space-saving way
- > Modern design with clear-cut contours
- > Minimum opening resistance, multi-position stop function and soft opening and soft closing mechanism for ease of operation
- > Time-saving assembly provided by tabs, pre-mounted euro screws and clip mounting of front panel.
- > Adjustment facility: Height/side/depth of top panel (via concealed hinge) and lower panel (via connecting hinge), holding power (via fitting)
- > Material: Fitting: Plastic/Steel; Finish: nickel-plated
Cover Cap: Plastic; Finish: gray

Combined door height	Combined door weight lbs.	Model	Item No.
580–650 (22 13/16"–25 9/16")	4.8–9.7	E1fo	372.37.530
	9.5–19.4	E3fo	372.37.532
	13.2–26.8	E4fo	372.37.533
	23.3–46	E5fo	372.37.534
650–730 (25 9/16"–28 3/4")	8.6–17.4	F3fo	372.37.542
	12.8–25.5	F4fo	372.37.543
	20.9–41.1	F5fo	372.37.544
710–790 (27 15/16"–31 1/8")	7.7–15.8	G3fo	372.37.552
	11.4–22.7	G4fo	372.37.553
	19.1–37.8	G5fo	372.37.554
770–840 (30 5/16"–33 1/16")	10.8–21.6	H4fo	372.37.563
	17.6–34.1	H5fo	372.37.564
840–910 (33 1/16"–35 13/16")	9.9–19.8	I4fo	372.37.573
	16–32	I5fo	372.37.574
910–970 (35 13/16"–38 3/16")	9.2–17.6	J4fo	372.37.583
	15–29.7	J5fo	372.37.584
	20.9–39.4	J6fo	372.37.585
960–1010 (37 13/16"–39 3/4")	8.6–16.7	K4fo	372.37.593
	14.3–28.2	K5fo	372.37.594
	18.9–38	K6fo	372.37.591
1000–1040 (39 3/8"–41")	13.6–27.1	L5fo	372.37.599
	17.8–35	L6fo	372.37.596

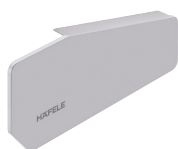
Supplied With

2 Fittings (right/left)
Front mounting material for wood or wide aluminum framed doors
Installation instructions
Paper drilling template
2 Cover caps for fitting (right/left)

Note

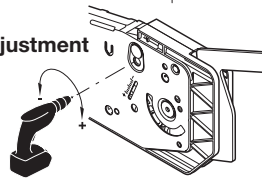
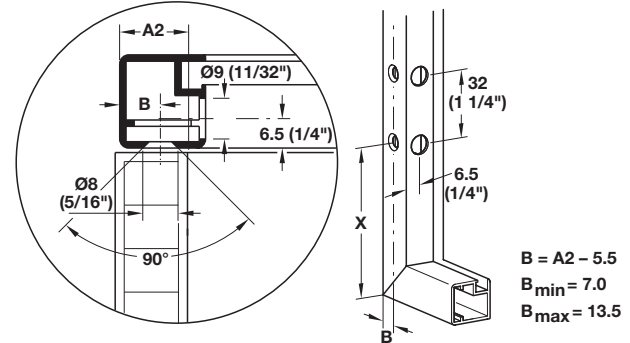
Concealed hinges for mounting the door are sold separately.
Please use 110° free swinging hinges. See page **10.43** for aluminum frame door mounting brackets.

→ Replacement Cover Cap Set

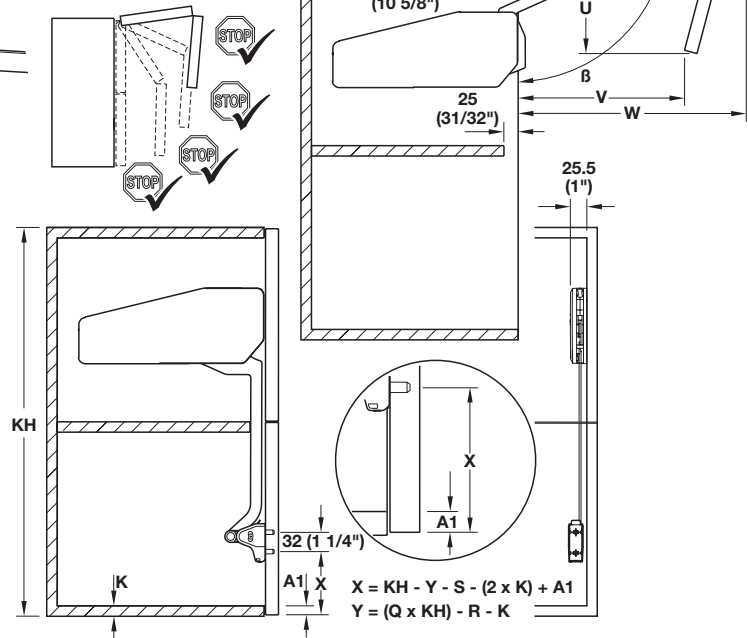


Item No.
372.37.031

Front processing



Technical drawing of a wall section showing reinforcement details. The wall is 12 inches thick and contains 5 #5 bars. The reinforcement is placed in two rows: the top row has 3 bars with 32 inches between them, and the bottom row has 2 bars with 32 inches between them. The total height of the reinforcement is 121 inches. The wall is supported by a foundation. The drawing includes dimensions in inches and fractions, and a vertical dimension Y.



KH (cabinet height)	β°	Q	R	S	T	U	V	W
580–650 (22 13/16"–25 9/16")	≈108–95	1.2	589 (23 1/8")	377 (14 13/16")	119–40 (4 11/16"–1 5/8")	126–197 (5"–7 3/4")	227–207 (8 15/16"–8 1/8")	375–430 (14 3/4"–17")
650–730 (25 9/16"–28 3/4")	≈107–94	1.2	664 (26 1/8")	409 (16 1/8")	124–38 (4 13/16"–1 1/2")	147–224 (5 13/16"–8 13/16")	238–215 (9 3/8"–8 1/2")	411–470 (16 3/16"–18 1/2")
710–790 (27 15/16"–31 1/8")	≈108–95	1.2	736 (29")	439 (17 1/4")	136–46 (5 3/8"–1 13/16")	161–233 (6 5/16"–9 3/16")	250–219 (9 13/16"–8 5/8")	439–500 (17 1/4"–19 11/16")
770–840 (30 5/16"–33 1/16")	≈108–95	1.0	644 (25 3/8")	467 (18 3/8")	146–43 (5 3/4"–1 11/16")	179–223 (7 1/16"–8 3/4")	267–200 (10 1/2"–7 7/8")	466–527 (18 5/16"–20 3/4")
840–910 (33 1/16"–35 13/16")	≈108–98	1.2	882 (34 3/4")	501 (19 3/4")	154–70 (6 1/16"–2 3/4")	195–248 (7 11/16"–9 3/4")	272–231 (10 11/16"–9 1/16")	502–559 (19 3/4"–22")
910–970 (35 13/16"–38 3/16")	≈107–98	1.1	865 (34")	533 (21")	160–78 (6 51/16"–3 1/16")	214–246 (8 7/16"–9 11/16")	282–225 (11"–8 7/8")	536–588 (21 1/8"–23 1/8")
960–1,010 (35 13/16"–38 3/16")	≈107–100	1.1	915 (36")	557 (21 7/8")	170–99 (6 11/16"–3 7/8")	228–251 (9"–9 7/8")	295–240 (11 5/8"–9 7/16")	560–605 (22 1/16"–23 13/16")
1,000–1,067 (39 3/8"–42")	≈107–102	1.1	954 (37 9/16")	576 (22 11/16")	177–120 (6 15/16"–4 3/4")	239–256 (9 7/16"–10 1/16")	306–256 (12"–10 1/6")	578–616 (22 3/4"–24 1/4")

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Double Door Lift-up Fittings



- > For equal size 2-piece wood or aluminum framed doors
- > Cabinet depth: min. 270 mm (10 5/8")
- > Shorter housing depth is beneficial for inset applications
- > Even high front panels can be lifted up in a space-saving way
- > Modern design with clear-cut contours.
- > Minimum opening resistance, multi-position stop function and soft opening and soft closing mechanism for ease of operation
- > Time-saving assembly provided by tabs, pre-mounted euro screws and clip mounting of front panel
- > Adjustment facility: Height/side/depth of top panel (via concealed hinge) and lower panel (via connecting hinge), holding power (via fitting).
- > Material: Fitting: Plastic, Steel; Finish: nickel-plated
Cover cap: Plastic; Finish: gray



Combined door height	Combined door weight lbs.	Model	Item No.
580-650 (22 13/16"-25 9/16")	8.8-18.7	E3fs	372.38.532
710-790 (27 15/16"-31 1/8")	13.4-23.7	G4fs	372.38.553
	18.7-31.7	G5fs	372.38.554
770-840 (30 5/16"-33 1/16")	11.2-21.5	H4fs	372.38.563
	16.5-31	H5fs	372.38.564
840-910 (33 1/16"-35 13/16")	15.1-26.8	I5fs	372.38.574
910-970 (35 13/16"-38 3/16")	10.3-17.6	J4fs	372.38.583
	14-25.3	J5fs	372.38.584
	19.6-37	J6fs	372.38.585
1,000-1,067 (39 3/8"-42")	12.5-22.2	L5fs	372.38.599
	20-35.4	L6fs	372.38.597

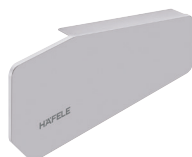
Supplied With

2 Fittings (right/left)
Front mounting material for wood or wide aluminum framed doors
Installation instructions
Paper drilling template
2 Cover caps for fitting (right/left)

Note

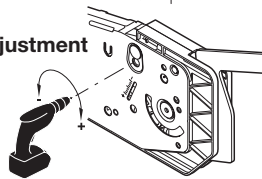
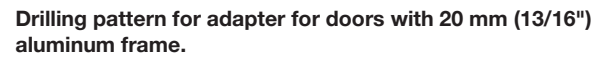
Concealed hinges for mounting the door are sold separately.
Please use 110° free swinging hinges. See page **10.43** for aluminum framed door mounting brackets.

→ Replacement Cover Cap Set



Item No.
372.38.031

Front processing



Technical drawings of a door assembly, including a side view, a top view, and a detail view of the handle mechanism.

Side View Dimensions:

- KH : Total height of the door.
- K : Height of the lower panel.
- $32 (1 \frac{1}{4}'')$: Height of the handle mechanism.
- $A1$: Height of the handle mechanism.
- X : Height of the handle mechanism.

Top View Dimensions:

- $25 (31/32'')$: Width of the door.
- $25.5 (1'')$: Width of the handle mechanism.
- U : Distance from the top edge to the handle mechanism.
- V : Distance from the top edge to the handle mechanism.
- W : Distance from the top edge to the handle mechanism.

Detail View Dimensions:

- X : Height of the handle mechanism.
- $A1$: Height of the handle mechanism.

Formulas:

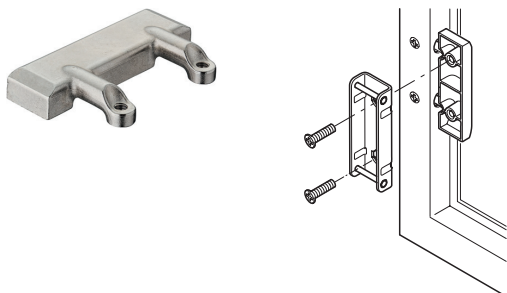
$$X = KH - Y - S - (2 \times K) + A1$$

$$Y = (Q \times KH) - R - K$$

10

Accessories

→ Aluminum Frame Door Mounting Bracket



- > Aluminum door frame width: min. 20 mm (25/32")
- > Material: Zinc Alloy

Finish

nickel-plated

Item No.

372.37.044

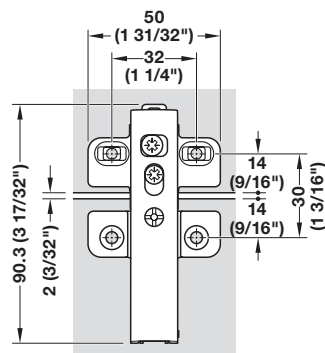
Supplied with

Mounting material

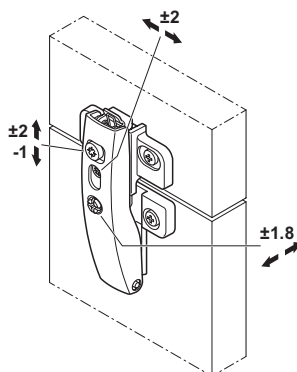
→ Connecting Hinge



Drilling Pattern



Adjustment Facility



- > Wood and aluminum door frame width: min. 20 mm (25/32")
- > Mounts with wood screws
- > With finger protection function
- > Installed with chipboard screws
- > Adjustment facility: 3-dimensional
 - Side adjustment: ±2 mm (3/32")
 - Gap adjustment: -2 - +1 mm (-3/32" - +1/32" mm)
 - Depth adjustment: ±1.5 mm (1/16")
- > Material: Zinc Alloy

Finish

nickel-plated

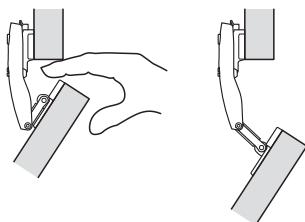
Item No.

372.93.100

Note

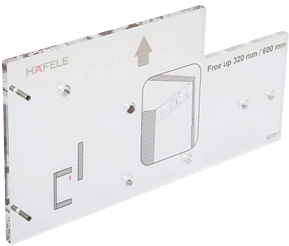
The hinge comes apart if fingers are unintentionally caught in the door gap.

Finger Protection



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Drilling Jigs



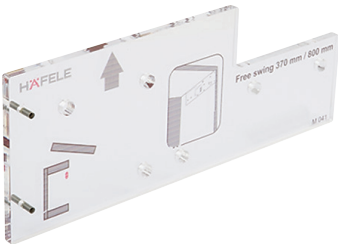
- > Free Up, side wall
- > W x D x H: 31 x 4 x 16 mm (1 7/32" x 5/32" x 5/8")
- > Material: Plexiglass, clear

Item No.
372.33.050



- > Free Fold, side wall
- > W x D x H: 31 x 4 x 13 mm (1 1/4" x 5/32" x 1/2")
- > Material: Plexiglass, clear

Item No.
372.37.050



- > Free Swing, side wall
- > W x D x H: 31 x 5 x 13 mm (1 7/32" x 3/16" x 1/2")
- > Material: Plexiglass, clear

Item No.
372.34.050



- > Free Flap 1.7 and 3.15
- > W x D x H: 21 x 3 x 16 mm (13/16" x 1/8" x 5/8")
- > Material: Plexiglass, clear

Finish	Item No.
nickel-plated	372.91.023

Supplied with
Mounting instructions

Note
Order self centering drill bit for Ø5 mm (3/16") drill hole separately, below.

- > For all versions of Free Flap front panel brackets
- > W x D x H: 20 x 4 x 19 mm (25/32" x 5/32" x 3/4")
- > Material: Plexiglass, clear

Item No.
372.64.893

Note
Order self centering drill bit for Ø5 mm (3/16") drill hole separately, below.

→ Self Centering Drill Bit



- > For exact drilling of drill holes with using drilling jigs
- > Material: Steel

Diameter	Item No.
5 (3/16")	001.25.792

Standard and Forte



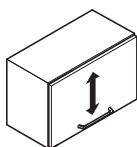
- > For use as a lid or flap stay
- > For wood or aluminum framed doors
- > Adjusting the arms (overshear) turns the lid stay into a flap stay
- > Less space is required inside the cabinet
- > Wear-resistant friction coupling with large adjusting range
- > Material: Zinc Alloy



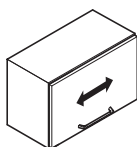
Finishes

Black, nickel-plated, white

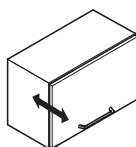
Front adjustment facility



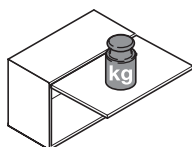
*Height adjustment



*Side adjustment



*Tilt adjustment

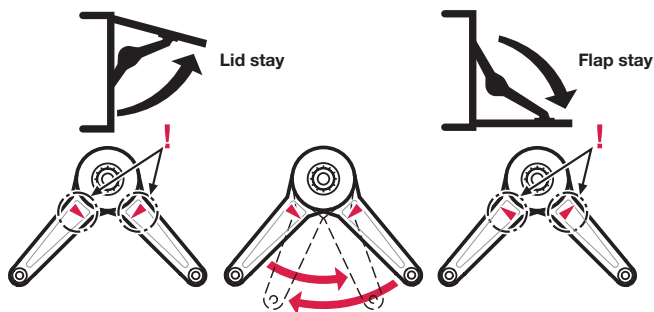


Holding power adjustment with SW4 Hex key

Note

*Depends on the hinges that are installed.

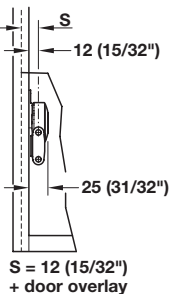
Application



Stronger holding power
= **locking** function
= flap locks in any position
(multi-position stop)

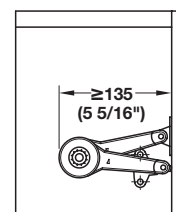
Weaker holding power
= **braking** function
= lid stay closes softly/flap stay opens gently

Lateral space requirement/side distance(s) for screw bracket

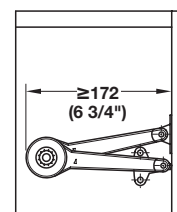


S = 12 (15/32'')
+ door overlay

Minimum installation depth



Duo Standard



Duo Forte

Standard Sets



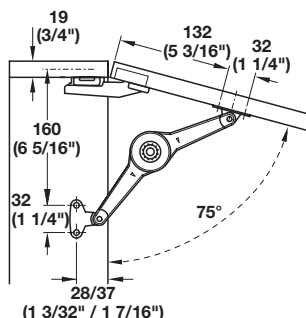
- > For wood or aluminum framed doors
- > Frame width: min. 45 mm (1 3/4")
- > Edge distance: 37 mm (1 7/16")
- > Door width: max. 600 mm (25 5/8")
- > Material: Zinc Alloy

Installation	nickel-plated	white	black
wood screws	373.66.612	373.66.262	373.66.212
euro screws	373.66.614	373.66.264	373.66.214

For aluminum framed doors

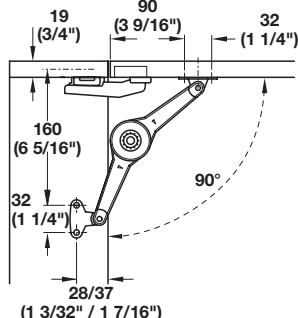
- > Frame width: min. 20 mm (13/16")
- > Edge distance: 37 mm (1 7/16")
- > Finish: nickel-plated

Installation as a lid stay

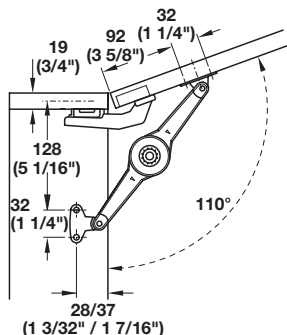


Opening angle 75°

Installation as a flap stay

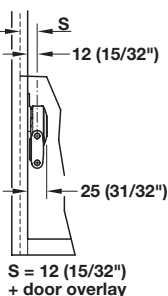


Opening angle 90°



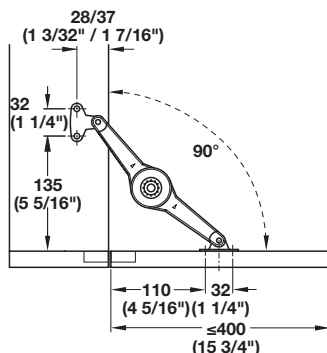
Opening angle 110°

Lateral space requirement/side distance(s) for screw bracket

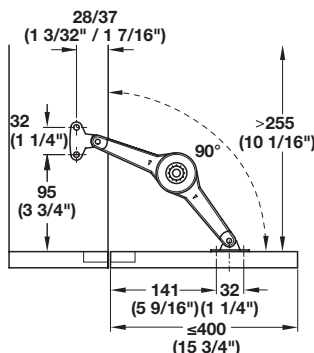


S = 12 (15/32")
+ door overlay

Installation as flap stay



Separate catch required.
Space requirement for fitting
inside the cabinet when the door
is being closed: 130 mm (5 1/8")
from front edge of cabinet



No separate catch required.

Minimum inside cabinet
height 255 mm (10 1/16")

Installation	Item No.
sheet metal screws	373.66.622

Supplied With

Lid stay
Mounting bracket for cabinet
Screw mount bracket for flap

Important Note

Mounting location dimensions below are critical for this fitting
to perform properly.

Sample measurements table for max. door weight. Always use
two fittings when used as flap stay. Include weight of handles.

Door height	Max. door weight in lbs.			
	Stopping function 1 Stay	2 Stays	Braking function 1 Stay	2 Stays
For opening angle 75°				
254 (10")	15.4 lbs.	33 lbs.	19.8 lbs.	33 lbs.
305 (12")	13.2 lbs.	26.4 lbs.	16.5 lbs.	33 lbs.
356 (14")	11 lbs.	22 lbs.	14.3 lbs.	28.6 lbs.
406 (16")	9.9 lbs.	19.8 lbs.	13.2 lbs.	25.3 lbs.
457 (18")	8.8 lbs.	17.6 lbs.	11 lbs.	22 lbs.
508 (20")	7.7 lbs.	15.4 lbs.	9.9 lbs.	19.8 lbs.
For opening angle 90° - See 90° Flap Stay for 203–406 mm (8"–16")				
457 (18")	7.7 lbs.	14.3 lbs.	9.9 lbs.	18.7 lbs.
508 (20")	6.6 lbs.	13.2 lbs.	8.8 lbs.	16.5 lbs.
For opening angle 110°				
203 (8")	13.2 lbs.	26.4 lbs.	17.6 lbs.	33 lbs.
254 (10")	11 lbs.	20.9 lbs.	13.2 lbs.	26.4 lbs.
305 (12")	8.8 lbs.	17.6 lbs.	11 lbs.	22 lbs.
356 (14")	7.7 lbs.	15.4 lbs.	8.8 lbs.	19.8 lbs.
406 (16")	6.6 lbs.	13.2 lbs.	8.8 lbs.	16.5 lbs.
457 (18")	5.5 lbs.	12.1 lbs.	7.7 lbs.	15.4 lbs.
508 (20")	4.4 lbs.	11 lbs.	6.6 lbs.	13.2 lbs.
For opening angle 90° as a Flap Stay				
305 (12")	11 lbs.	22 lbs.	13.2 lbs.	28.6 lbs.
356 (14")	8.8 lbs.	18.7 lbs.	12.1 lbs.	24.2 lbs.
406 (16")	7.7 lbs.	15.4 lbs.	11 lbs.	22 lbs.

Flat head screws	pages 13.7–13.8, 13.10, 13.13
Varianta screws	page 13.16

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Forte Sets



- > For wood or aluminum framed doors
- > Frame width: min. 45 mm (1 3/4")
- > Edge distance: 37 mm (1 7/16")
- > Door width: max. 600 mm (25 5/8")

Installation	nickel-plated	white	black
wood screws	373.66.632	373.66.372	373.66.312
euro screws	373.66.634	373.66.374	373.66.314

For aluminum framed doors

- > Frame width: min. 20 mm (13/16")
- > Edge distance: 37 mm (1 7/16")
- > Finish: nickel-plated

Installation	Item No.
sheet metal screws	373.66.642

Supplied With Lid stay, Mounting bracket for cabinet, Screw-on bracket for flap

Important Note Mounting location dimensions below are critical for this fitting to perform properly

Sample measurements table for max. door weight. Always use two fittings when used as flap stay. Include height of handles.

Door height	max. flap weight lbs.			
	Stopping function 1 Stay	2 Stays	Braking function 1 Stay	2 Stays
For opening angle 75°				
305 (12")	19.8 lbs.	33 lbs.	26.4 lbs.	33 lbs.
356 (14")	17.6 lbs.	33 lbs.	24.2 lbs.	33 lbs.
406 (16")	15.4 lbs.	30.8 lbs.	19.8 lbs.	33 lbs.
457 (18")	13.2 lbs.	27.5 lbs.	17.6 lbs.	33 lbs.
508 (20")	12.1 lbs.	24.2 lbs.	15.4 lbs.	33 lbs.
559 (22")	11 lbs.	22 lbs.	14.3 lbs.	28.6 lbs.
610 (24")	11 lbs.	20.9 lbs.	13.2 lbs.	26.4 lbs.
660 (26")	8.8 lbs.	18.7 lbs.	12.1 lbs.	24.2 lbs.
711 (28")	8.8 lbs.	17.6 lbs.	11 lbs.	23.1 lbs.

For opening angle 90° – See 90° Flap Stay for 203–209 mm (8"–24")

660 (26")	7.7 lbs.	15.4 lbs.	11 lbs.	20.9 lbs.
711 (28")	6.6 lbs.	15.4 lbs.	8.8 lbs.	19.8 lbs.

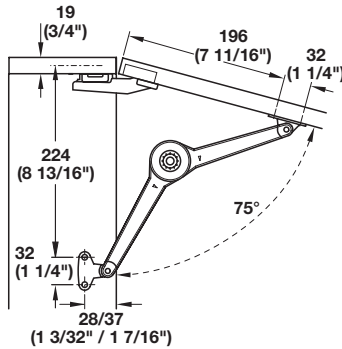
For opening angle 110°

203 (8")	20.9 lbs.	33 lbs.	27.5 lbs.	33 lbs.
254 (10")	16.5 lbs.	33 lbs.	22 lbs.	33 lbs.
305 (12")	14.3 lbs.	27.5 lbs.	17.6 lbs.	33 lbs.
356 (14")	12.1 lbs.	24.2 lbs.	15.4 lbs.	30.8 lbs.
406 (16")	9.9 lbs.	20.9 lbs.	13.2 lbs.	27.5 lbs.
457 (18")	8.8 lbs.	18.7 lbs.	12.1 lbs.	24.2 lbs.
508 (20")	8.8 lbs.	16.5 lbs.	11 lbs.	22 lbs.
559 (22")	7.7 lbs.	15.4 lbs.	8.8 lbs.	19.8 lbs.
610 (24")	6.6 lbs.	13.2 lbs.	8.8 lbs.	17.6 lbs.
660 (26")	6.6 lbs.	12.1 lbs.	8.8 lbs.	16.5 lbs.
711 (28")	6.6 lbs.	11 lbs.	7.7 lbs.	15.4 lbs.

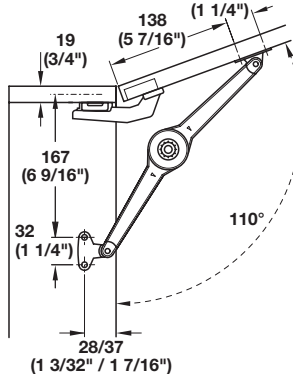
For opening angle 90° as a Flap Stay

305 (12")	17.6 lbs.	33 lbs.	22 lbs.	33 lbs.
356 (14")	15.4 lbs.	29.7 lbs.	19.8 lbs.	33 lbs.
406 (16")	13.2 lbs.	26.4 lbs.	17.6 lbs.	33 lbs.
457 (18")	11 lbs.	24.8 lbs.	15.4 lbs.	30.8 lbs.
508 (20")	11 lbs.	20.9 lbs.	13.2 lbs.	26.4 lbs.
559 (22")	8.8 lbs.	18.7 lbs.	12.1 lbs.	24.2 lbs.
610 (24")	8.8 lbs.	17.6 lbs.	11 lbs.	22 lbs.

Installation as lid stay

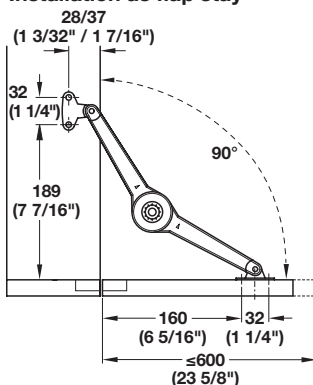


Opening angle 75°



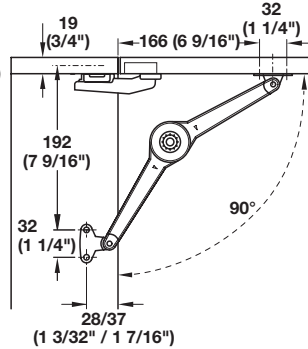
Opening angle 110°

Installation as flap stay



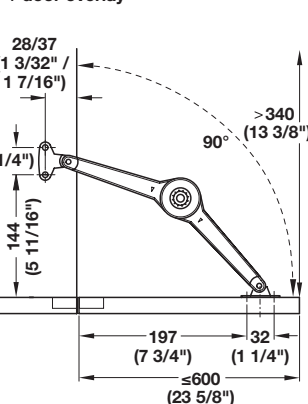
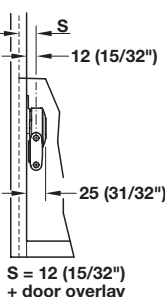
Separate catch required.
Space requirement for fitting inside the cabinet when the door is being closed: 175 mm (6 7/8") from front edge of cabinet.

Installation as a flap stay



Opening angle 90°

Lateral space requirement/side distance(s) for screw bracket

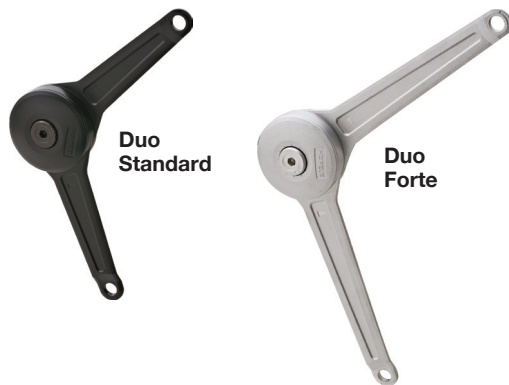


No separate catch required.

Minimum inside cabinet height 340 mm (13 3/8")

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Standard/Forte Individual Fittings



- > Left/right hand use
- > Clip-on system attaches without tools onto pre-mounted mounting bracket
- > Adjustment facility: Holding power
- > Material: Zinc Alloy

Model series	nickel-plated	white	black	silver
Standard	373.66.500	373.66.250	373.66.200	373.66.800
Forte	373.66.700	373.66.350	373.66.300	373.66.900

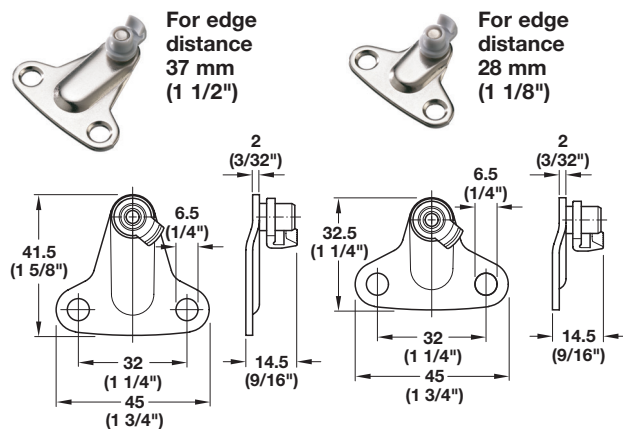
Supplied With

Lid stay
Mounting instructions

Note

Mounting brackets and screw-on bracket are not supplied.
Please order separately.

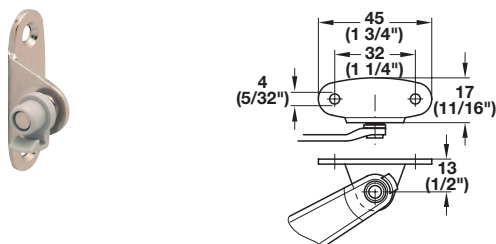
→ Cabinet Mounting Brackets



- > For mounting the lid stay to the cabinet
- > Material: Steel

For edge distance (cabinet)	nickel-plated	white	black	silver
28 (1 1/8")	373.66.693	373.66.395	373.66.393	373.66.993
37 (1 1/2")	373.66.694	373.66.396	373.66.394	373.66.994

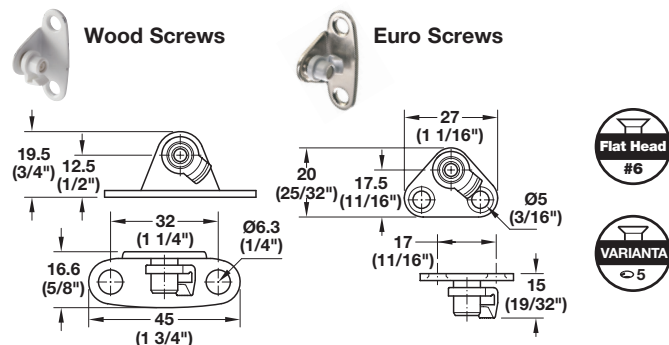
→ Special Door Mounting Bracket



- > For use with a face frame overlay 5-piece door
- > Material: Steel

Finish	Item No.
nickel-plated	373.66.685
Flat head screws	pages 13.7–13.8, 13.10, 13.13
Varianta screws	page 13.16

→ Wood/Aluminum Framed Door Mounting Brackets



- > Screw mounted
- > For mounting the lid stay to the door
- > Frame width: min. 45 mm (1 3/4")
- > Material: Steel

Installation	nickel-plated	white	black
wood screws	373.66.681	373.66.384	373.66.381
euro screws	373.66.036	373.66.386	-

→ Aluminum Framed Door Mounting Brackets

- > Frame width: min. 20 mm (25/32")

Installation	nickel-plated	white
sheet metal screws	373.66.682	373.66.385

1155 Easy Down



- > For wood door applications
- > Requires few or no cabinet modifications, and is easy to install
- > Door closing speed remains similar on light and heavy doors
- > Increases safety in the home or workplace by slowing the speed and dampening overhead doors as they close
- > Internal mounting allows cabinets to be positioned side to side
- > Only one pair needed for doors up to 48" wide
- > Adjustments are not necessary to the closure mechanisms
- > Doors open over the top of cabinet
- > Weight capacity/pair: max. 14 kg (30 lbs.)
- > Door width: max. 1,219 mm (48")
- > Material: Steel; Finish: black



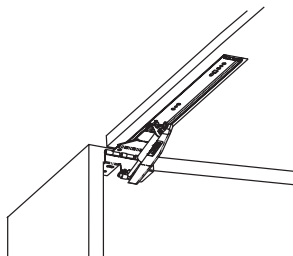
Slide length	Slide travel	Item No.
303.3 (11 15/16")	194.1 (7 5/16")	408.22.331
354.1 (13 15/16")	244.9 (9 5/16")	408.22.336
404.9 (15 15/16")	295.7 (11 5/16")	408.22.341
455.7 (17 15/16")	346.4 (13 5/16")	408.22.346
506.5 (19 15/16")	397.3 (15 5/16")	408.22.351
557.3 (21 15/16")	448.1 (17 5/16")	408.22.356
608.1 (23 15/16")	498.9 (19 5/16")	408.22.361

Supplied With

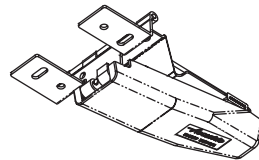
2 Slides
2 Cylinder covers
4 Clip-on brackets
Mounting screws

Note

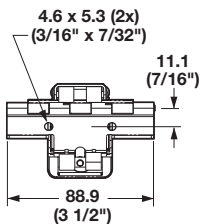
Mounting brackets are included and recommended when particle board is used.



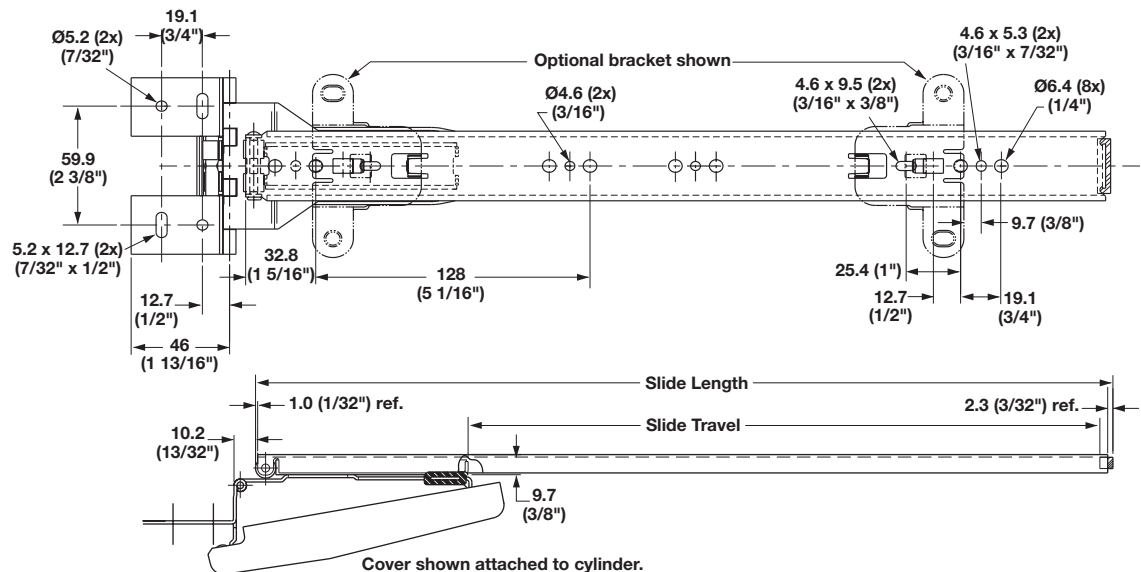
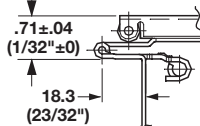
Cylinder Cover



Cover shown attached to cylinder.



Hinge shown in closed position



Cover shown attached to cylinder.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Wind Lift System



- > Compact and elegant design
- > Adjustable spring strength
- > Mounts at the top of a frameless cabinet; block out for face frame
- > Available in soft close or push open
- > Optional top mounting bracket
- > Angle restrictor clip of 85° is included
- > 94° opening without restrictor clip
- > Inset doors are possible with 6 mm (1/4") shim on the side
- > Door thickness: max. 35 mm (1 3/8")
- > Drilling depth of the door: 13 mm (1/2")
- > Tab (K) distance: 3–7 mm (1/8"–9/32")
- > Hardware and door easily installed with Salice snap-on technology
- > 5 independent adjustments all made with a Pozi screwdriver:
 - Height
 - Side
 - Depth
 - Spring tension
 - Soft close



> Material: Steel

Version	Spring force	Door height	Model	Item No.
soft close	W (white/free)	219–400 (8 5/8"–15 3/4")	FRALFEXWSN9	372.96.040
soft close	D (yellow/free)	219–610 (8 5/8"–24")	FRALFEXDSN9	372.96.041
soft close	I (yellow)	319–610 (12 9/16"–24")	FRALFEXISN9	372.96.042
soft close	F (black)	319–610 (12 9/16"–24")	FRALFEXFSN9	372.96.043
soft close	S (red)	319–610 (12 9/16"–24")	FRALFEXSSN9	372.96.044
push open	W (white/free)	219–400 (8 5/8"–15 3/4")	FRALFEPWSN9	372.96.050
push open	D (yellow/free)	219–610 (8 5/8"–24")	FRALFEPDSN9	372.96.051
push open	I (yellow)	319–610 (12 9/16"–24")	FRALFEPISN9	372.96.052
push open	F (black)	319–610 (12 9/16"–24")	FRALFEPFSN9	372.96.053
push open	S (red)	319–610 (12 9/16"–24")	FRALFEPSSN9	372.96.054

Supplied With

2 Hinge cups, 1 RH/1 LH lift mechanism, 1 RH/1 LH cabinet base,
5 x 13 mm euro screws (#7 x 5/8" wood screws can also be used), Mounting instructions

Note

Order covers separately.

→ Top Mount Bracket and Cover Sets, optional



> Material: Steel/Plastic

Cover	Model	Item No.
gray	FRAUFEXNSNM	372.96.030
white	FRAUFEXNSN1	372.96.031
satin black	FRAUFEXNSN0	372.96.032
steel	FRAUFEXNSNI	372.96.034
champagne	FRAUFEXNSNC	372.96.035

Supplied With

2 Brackets and 2 Covers

→ Covers



> Material: Cover: Plastic; Cover cap: Steel

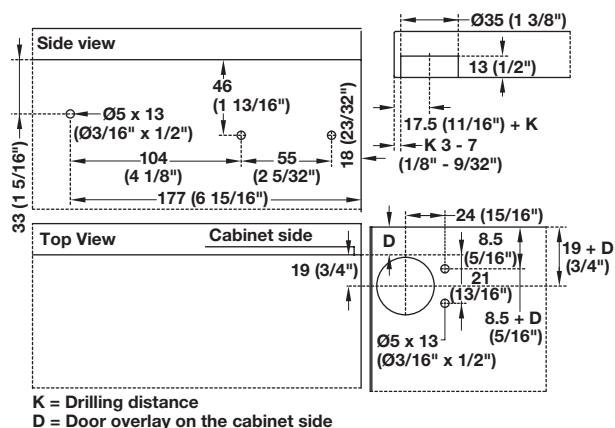
Cover	Cover cap	Model	Item No.
gray	nickel-plated	SRAX78AMSNXNF	372.96.020
white	nickel-plated	SRAX78AISNXNF	372.96.021
satin black	titanium	SRAX780SNXNF	372.96.022
steel	nickel-plated	SRAX78AISNXNF	372.96.024
champagne	nickel-plated	SRAX78ACSNXNF	372.96.025

Supplied With

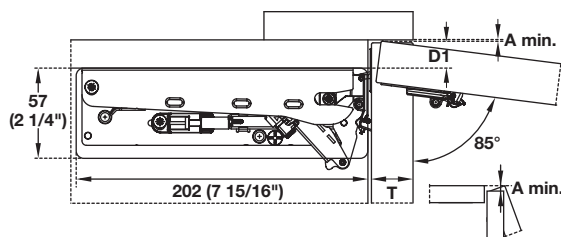
Left/right Covers

Wind Lift System

Frameless Drilling Pattern



Space needed to open door



Minimum reveal table

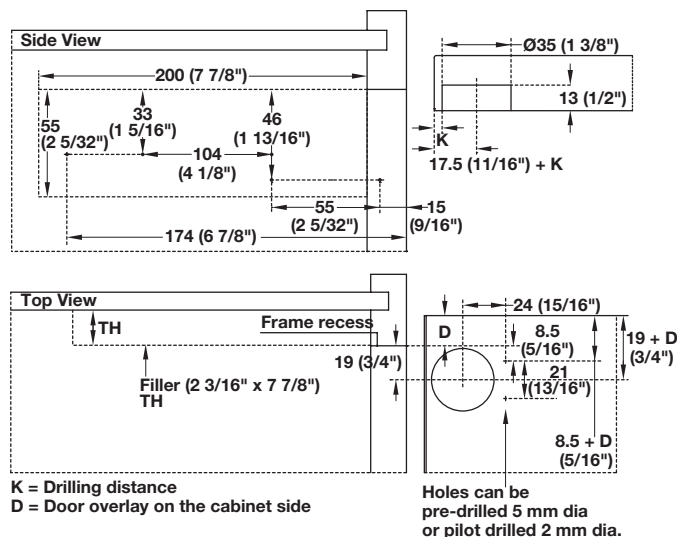
	T=	16	17	18	19	20	21	22	23	24	25	26	27	28
K=3	A=	0	0.1	0.1	0.2	0.2	0.3	0.5	0.6	0.7	0.9	1.1	1.8	2.7
K=4	A=	0	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.3	2.1
K=5	A=	0	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.3	1.5
K=6	A=	0	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.5
K=7	A=	0	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.7	0.8	1.0	1.2	1.4

Overlay table

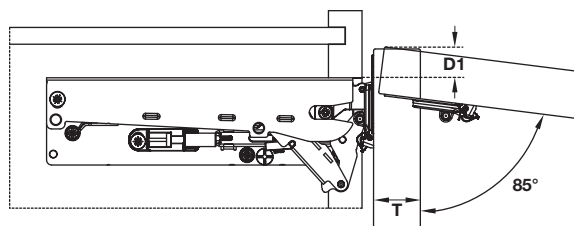
K	D1
3	= 16
4	= 17
5	= 18
6	= 19
7	= 20

K = Drilling distance
 D1 = Door overlay on the cabinet top
 A = Min Reveal

Face Frame Drilling Pattern



Space needed to open door



Overlay table

K	D1
3	= 16
4	= 17
5	= 18
6	= 19
7	= 20

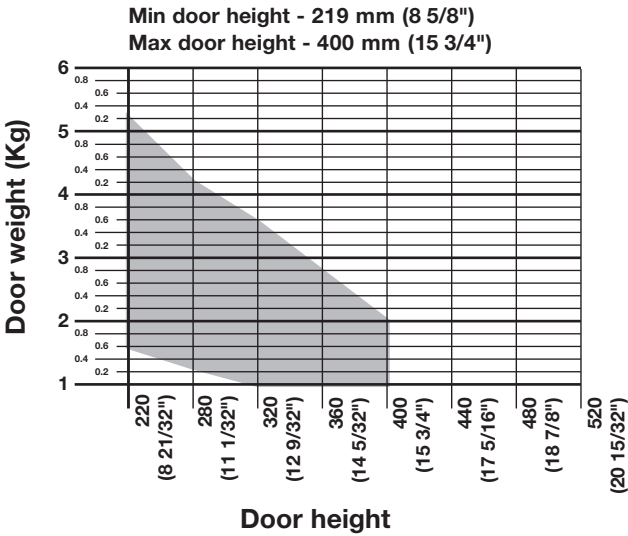
K = Drilling distance
 D1 = Door overlay on the cabinet top

Wind "Footprint" dimensions: L x H x T: 196 x 57 x 38 mm
 (7 3/4" x 2 1/4" x 1 1/2")

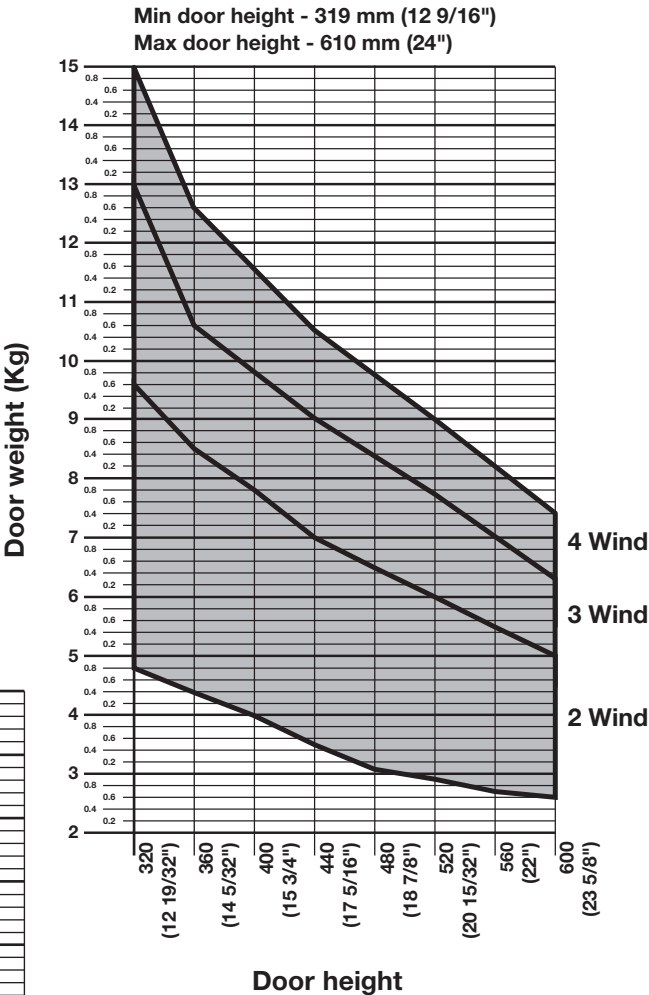
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Wind Lift System Charts and Spring Force Identification

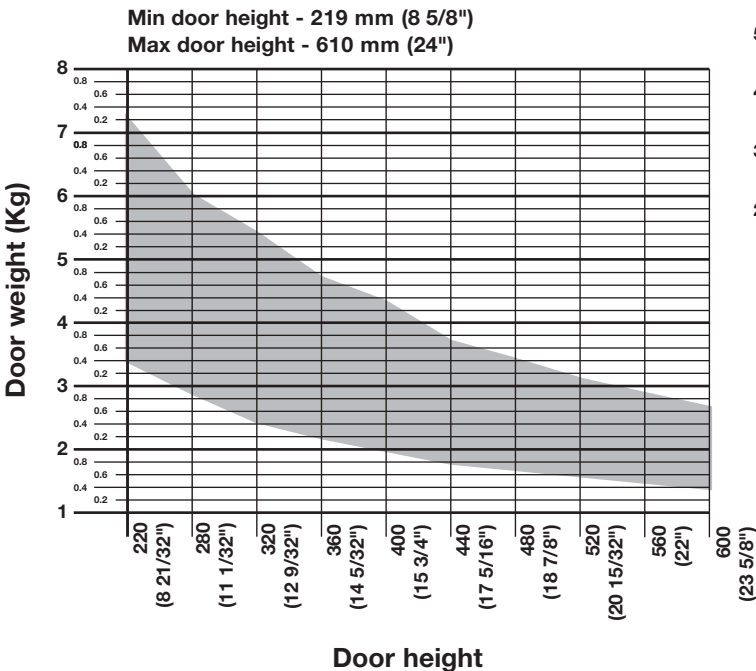
Spring Force W



Spring Force I

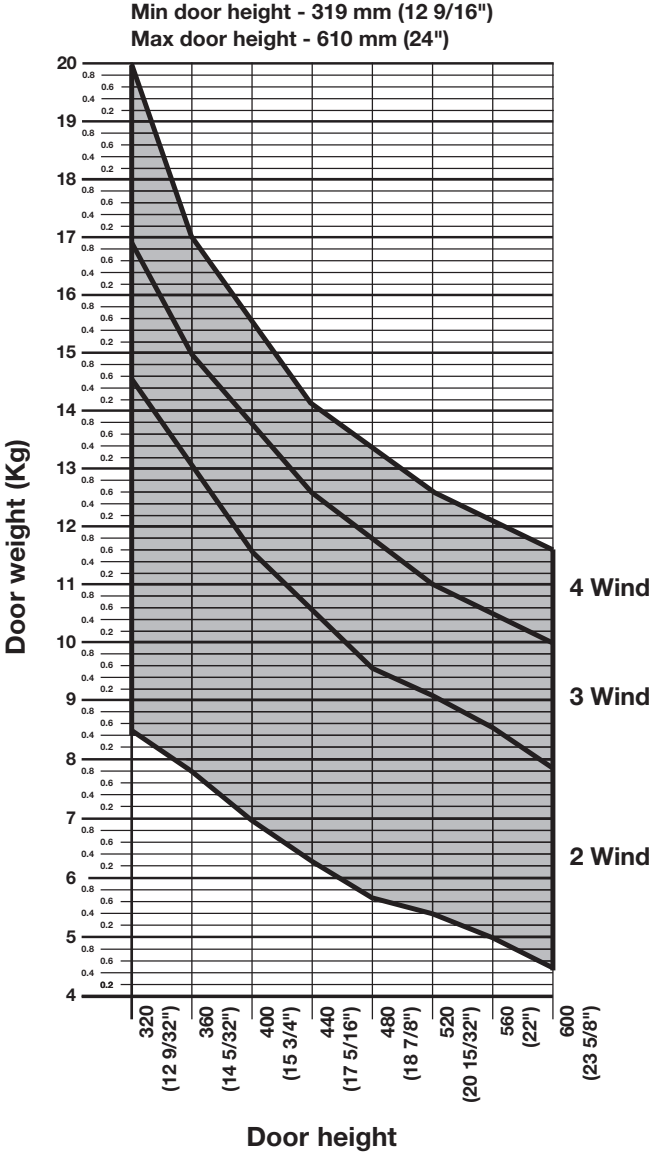


Spring Force D

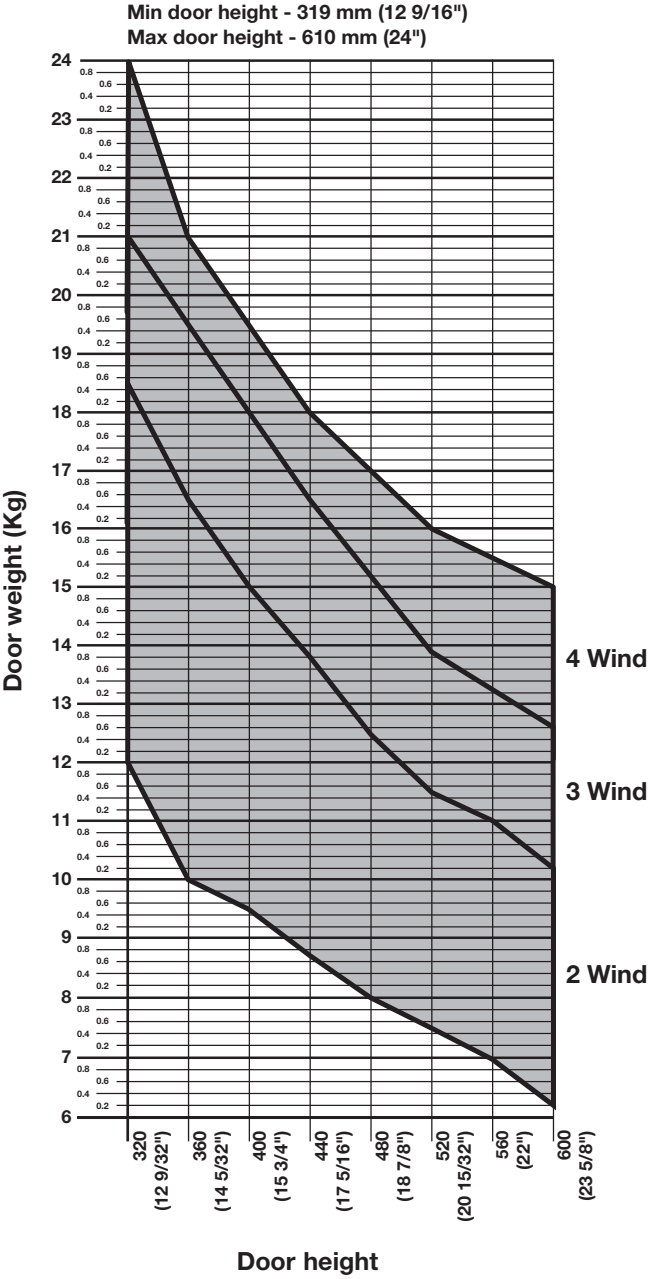


Wind Lift System Charts and Spring Force Identification

Spring Force F



Spring Force S



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Automatic Opening Lid Stays



- > Gas piston
- > For wood and aluminum framed doors
- > Unhanded
- > For pneumatic support
- > Clip mounts without tools onto pre-mounted screw mounting brackets
- > Material: Steel; Finish: silver color painted and chrome-plated
Brackets: Steel; Finish: nickel-plated

Model	Item No.
60N	373.82.906
80N	373.82.907
100N	373.82.908
120N	373.82.909
150N	373.82.910

Supplied With

Cabinet mounting bracket
1 Bracket each for wood and aluminum framed doors
Mounting screws
Mounting instructions

Sample measurements for mounting dimensions when using hinges for full overlay mounting.

Opening angle	A	B
75°	260 (10 1/4")	80 (3 1/8")
90°	238 (9 3/8")	80 (3 1/8")
110°	215 (8 9/16")	70 (2 3/4")

Sample measurements table

Maximum lid weight in pounds with 75° application

Spring force N	Lid height/Door weight lbs.			
	305 (12")	406 (16")	508 (20")	610 (24")
60 (13 lbs.)	4.4	3.3	2.6	2.2
80 (18 lbs.)	6	4.4	3.5	3
100 (22 lbs.)	7.4	5.7	4.4	4
120 (26 lbs.)	9	6.8	5.5	4.4
150 (33 lbs.)	10.3	7.7	6.3	4.6

Maximum lid weight in pounds with 90° application

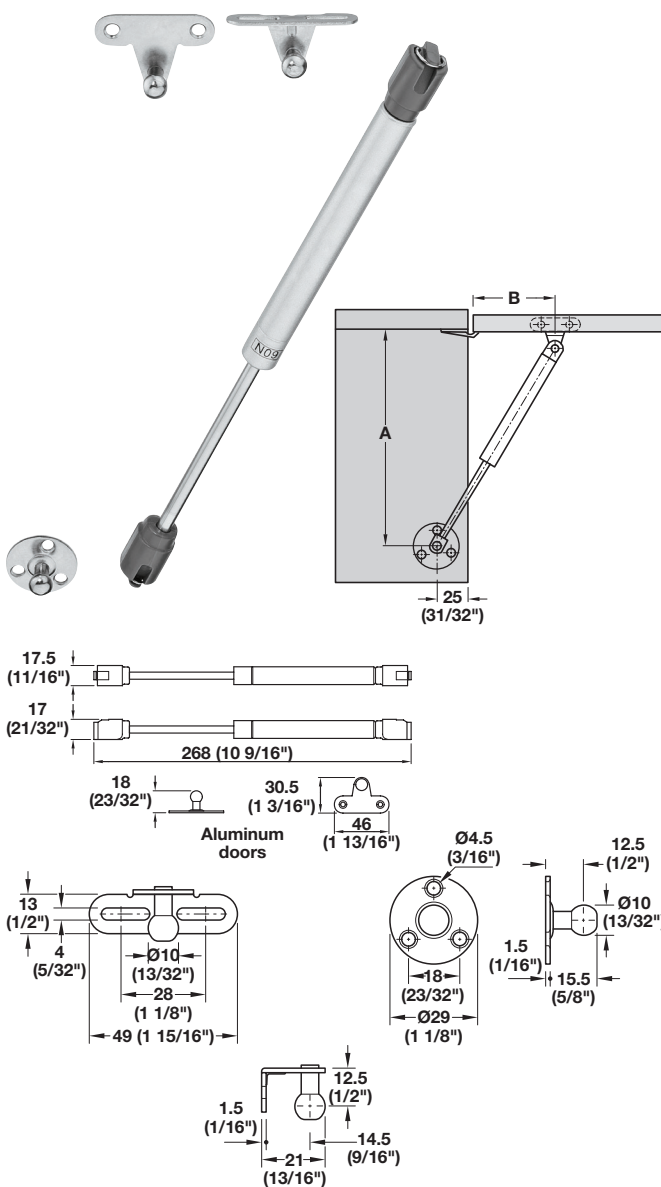
Spring force N	Lid height/Door weight lbs.			
	305 (12")	406 (16")	508 (20")	610 (24")
60 (13 lbs.)	4	2.8	2.4	2
80 (18 lbs.)	5.2	4	3	2.6
100 (22 lbs.)	6.6	4.8	4	3.3
120 (26 lbs.)	7.9	6	4.6	4
150 (33 lbs.)	10.3	7	5	4.6

Maximum lid weight in pounds with 110° application

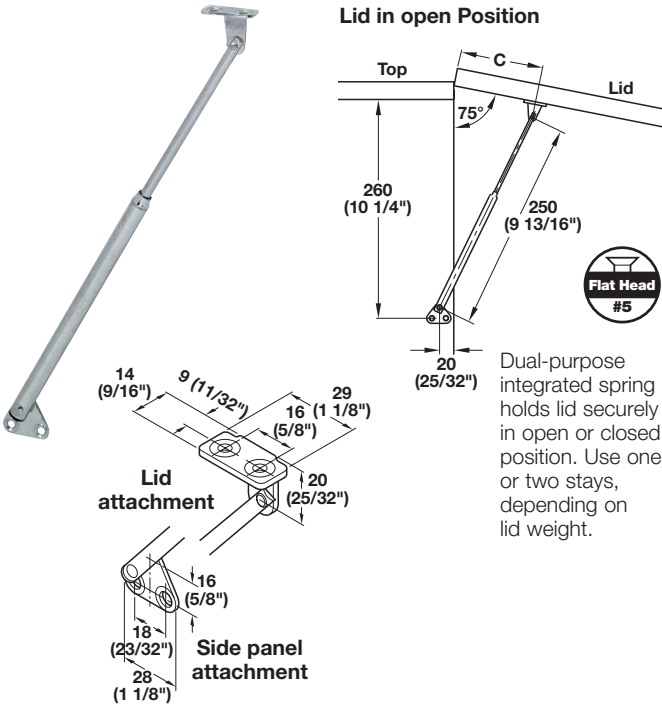
Spring force N	Lid height/Door weight lbs.			
	305 (12")	406 (16")	508 (20")	610 (24")
60 (13 lbs.)	3.5	2.6	2	1.7
80 (18 lbs.)	4.6	3.5	2.6	2.2
100 (22 lbs.)	5.7	4.1	3.5	2.8
120 (26 lbs.)	6.8	5	4.1	3.5
150 (33 lbs.)	7.7	5.7	4.8	4.1

Note

This table applies to one gas piston. The weight capacity doubles when using 2 pistons. It is recommended to use 2 gas pistons for parallel and synchronized opening of large lids.



Firmatop Lid Stay



- > With internal spring
- > Reversible, installs left or right
- > Material: Brass

Finish

chrome-plated

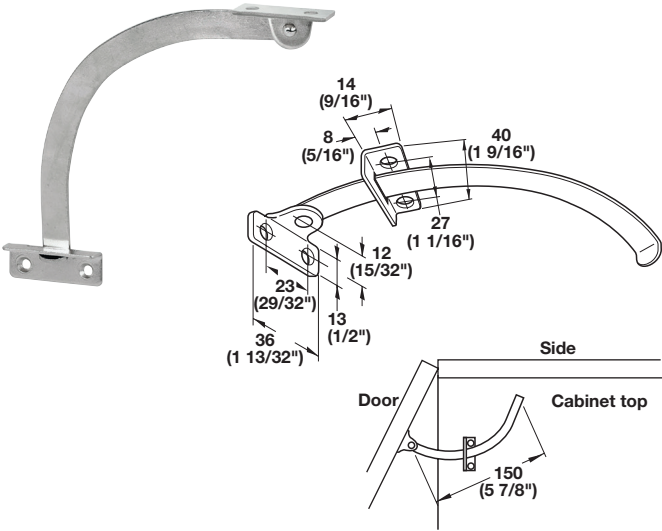
Item No.

373.58.919

Note

Determine dimension C by trial mounting.

Lid Stay



- > For use as a door restraint
- > Material: Steel; Finish: nickel-plated

Handing

left

Item No.

371.32.755

right

371.32.700

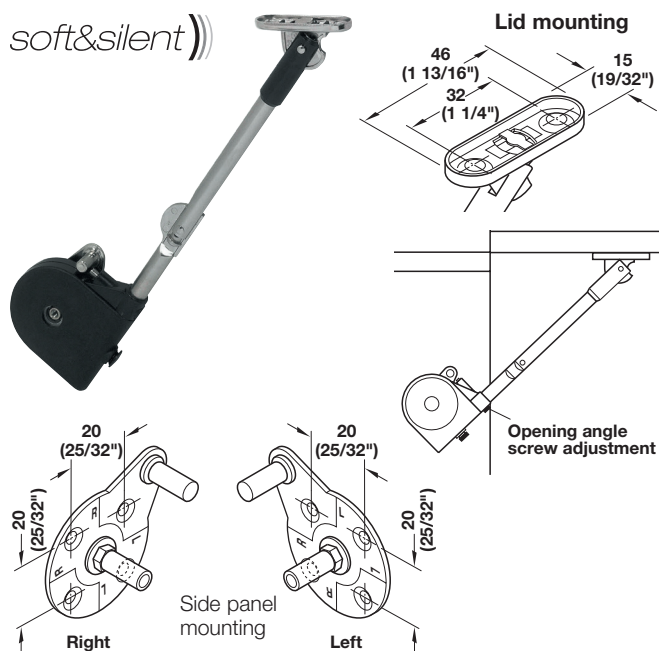
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Flat head screws

pages 13.7–13.8, 13.10, 13.13

Lid Stays

soft&silent



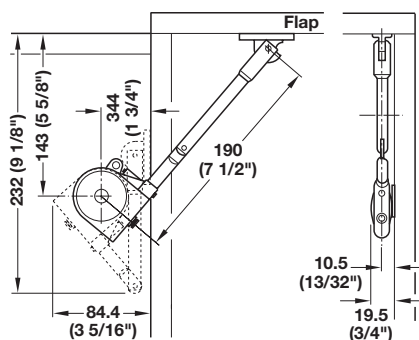
Lid mounting

- > Lid bracket attachment
- > Reversible, installs left or right
- > Material: Plastic/Steel; Finish: nickel-plated

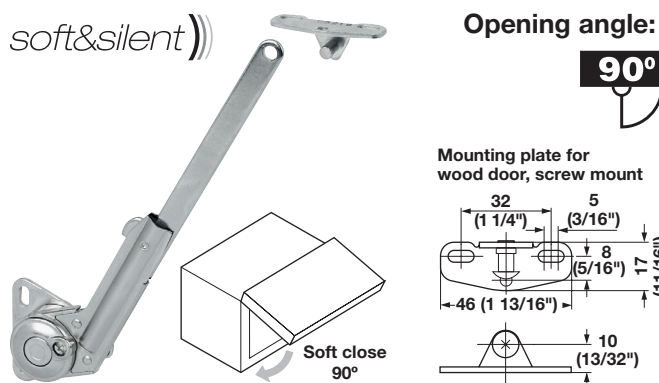
Color	Model No.	Item No.
black	SDS-C301N/BLK	365.31.300
white	SDS-C301N/WHT	365.31.700

Supplied With
Mounting screws

Opening angle: **80° - 100°**



soft&silent



Opening angle:

90°

Mounting plate for
wood door, screw mount

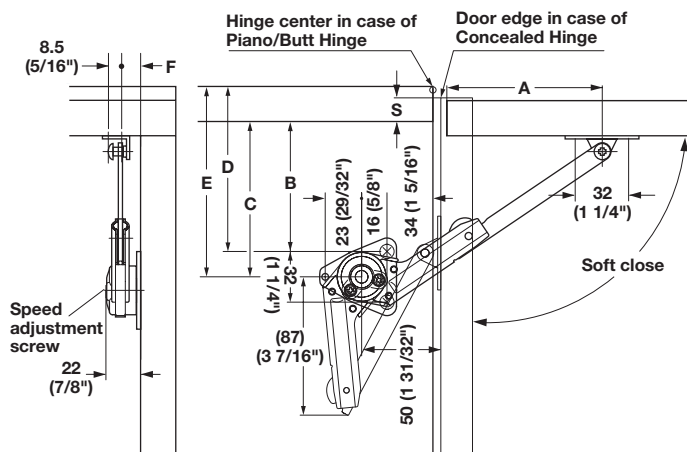
- > For upward-opening door with piano, butt, or concealed hinges
- > Designed to hold door in fully opened position
- > Speed adjustment screw located on the front for easy adjustment
- > Torque calculation:
Torque = door height x 1/2 x door weight;
Per pc.: 20–70 kg/cm (19–60 lbs./inch);
Per pair: 40–140 kg/cm (38–120 lbs./inch)
- > Material: Steel; Finish: nickel-plated

Handing	Model No.	Item No.
left	NSDX-35LK	365.31.681
right	NSDX-35RK	365.31.680

Supplied With
Mounting screws

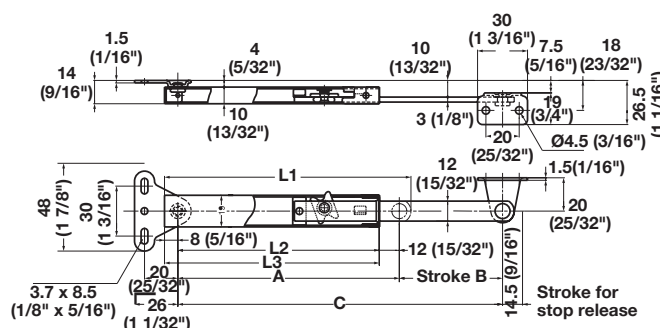
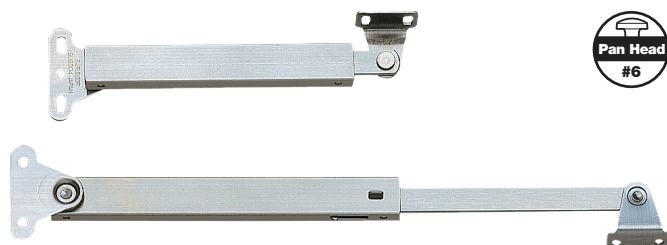
10

Lid and Flap Stays

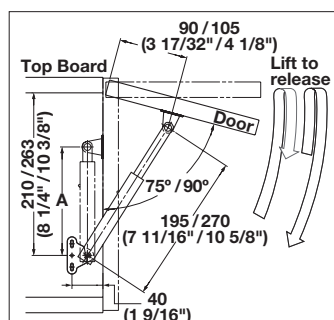


Hinge type	A	B	C	D	E	F
concealed	98 (3 7/8")	97-S (3 13/16")	113-S (4 7/16")	–	–	12 (15/32")
piano/butt	91.5 (3 5/8")	–	–	90.5 (3 9/16")	106.5 (4 3/16")	

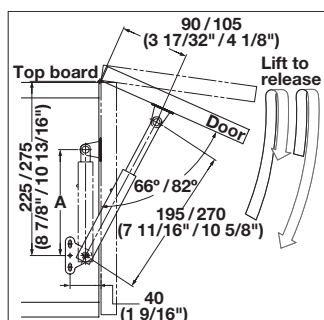
- > Unhanded
- > Only one stay is required per lid
- > Holds lid in the open position
- > Lift up lid to release
- > Weight capacity/stay: max. 15 kg (33 lbs.)
- > Material: 304 Stainless Steel, satin



C	L1	L2	L3	A	B	Door height	Model No.	Item No.
195 (7 11/16")	148 (5 13/16")	121 (4 3/4")	129 (5 1/16")	133 (5 1/4")	62 (2 7/16")	250-350 (9 13/16-13 3/4")	L-195	373.89.000
270 (10 5/8")	185 (7 5/16")	158 (6 1/4")	166 (6 9/16")	170 (6 11/16")	100 (3 15/16")	320-500 (12 5/8-19 11/16")	L-270	373.89.001



() Dimension...L-270
Max. opening degree
L-195: 75°, L-270: 90°



() Dimension...L-270
Max. opening degree
L-195: 66°, L-270: 82°

Swing Up Fittings

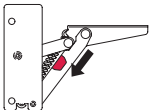


- > For wood doors
- > Doors swing up automatically and are securely held open
- > Self-operating from 17°
- > The spring action holds doors tight when closed
- > Adjustable
- > With adjustable spring
- > Material: Steel, epoxy-coated
- Spring: Steel
- Stop: Plastic; Finish: white

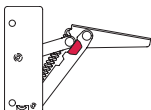
Handing	Item No.
left	372.49.701
right	372.49.700



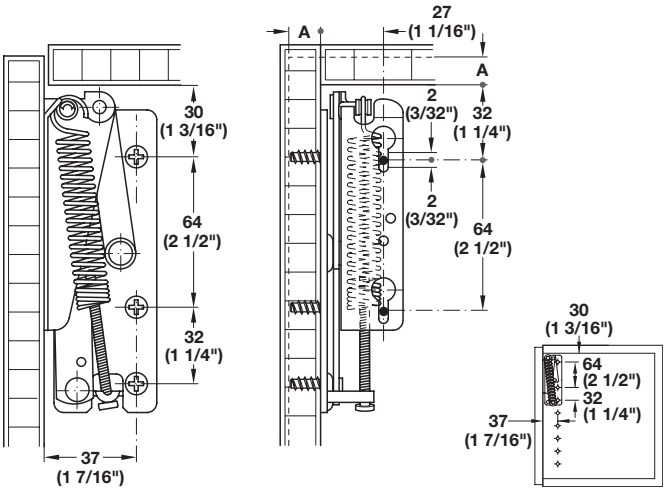
Adjustable opening angle



Opening angle 90°



Opening angle 75°

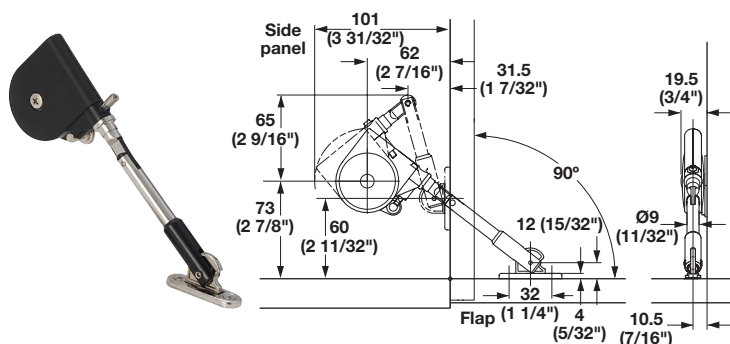


Flap Stays



- > Soft close
- > Reversible, installs left or right

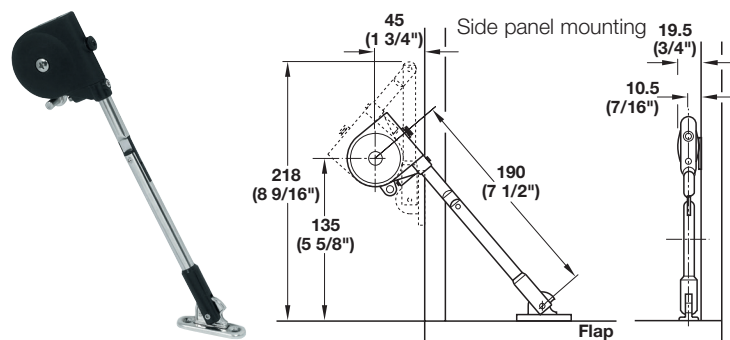
soft&silent)))



- > Short arm for small height door applications
- > Built-in catch holds the door closed
- > A magnetic catch is not required
- > For use with piano, butt, or flap hinges
- > Material: Steel/Plastic

Finish	Model No.	Item No.
nickel-plated/black	SDS-C100B-TV	365.30.330

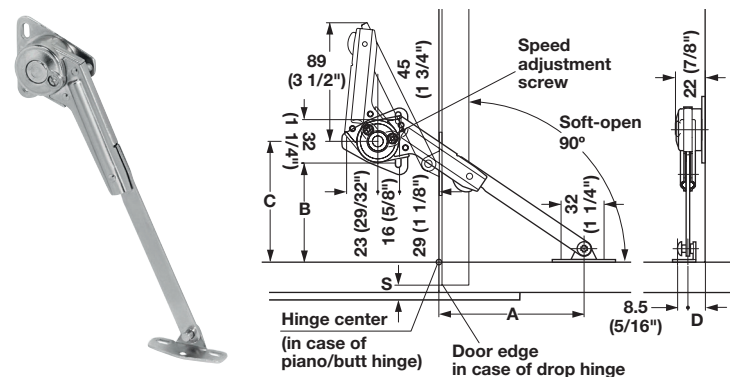
Supplied With
Mounting screws



- > With speed-mount bracket
- > Material: Steel/Plastic

Finish	Model No.	Item No.
nickel-plated/black	SDS-C100/BLK	365.30.300

Supplied With
Mounting screws



- > Material: Steel; Finish: nickel-plated

Handing	Model No.	Item No.
left	NSDX-10LK	365.30.681
right	NSDX-10RK	365.30.680

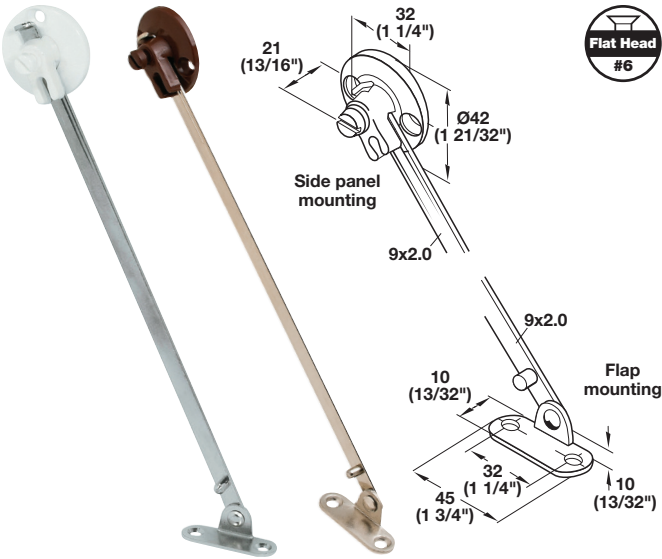
Supplied With
Mounting screws

Hinge type	A	B	C	D
drop hinge (SDH-001)	81+S (3 3/16")	91 (3 9/16")	107 (4 3/16")	11 (7/16")
piano/butt hinge	90 (3 17/32")	99 (3 7/8")	115 (4 1/2")	

S dimension is the overlay coverage for drop hinge(s).

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

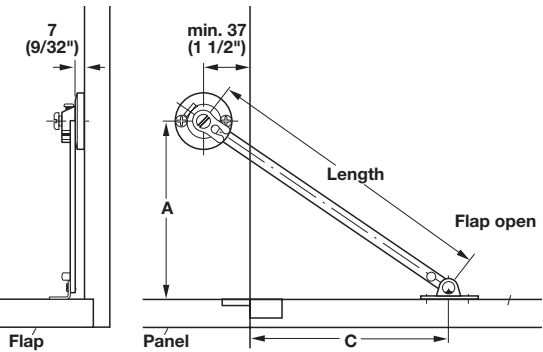
Stays With Catches



- > Screw mounted
- > Reversible, installs left or right
- > To adjust braking action, loosen or tighten screw on stay as needed
- > Material: Steel/Plastic

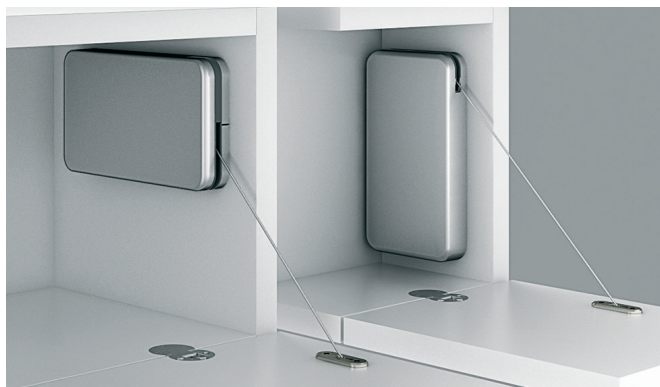
Length	nickel-plated/white	nickel-plated/brown
225 (8 13/16")	365.75.710	-
275 (10 13/16")	365.75.729	365.75.121

Note
Keep brake piston rod free of oil, grease and other contaminants at all times.

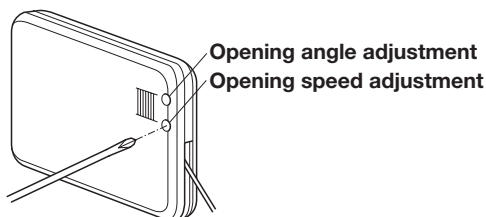


Length	Inside cabinet depth min.	A	C
225 (8 13/16")	190 (7 1/2")	135 (5 5/16")	Determine by trial mounting
275 (10 13/16")	240 (9 7/16")	175 (6 7/8")	

Flap Stays



Adjustment

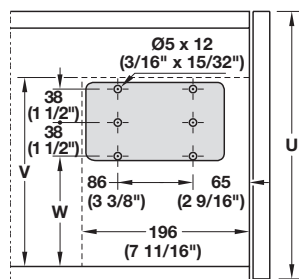


Note

Lower door weight during adjustment.

Planning and installation

Horizontal installation



U	V (min.)	W	X
200–330 (7 7/8"–13")	194 (7 5/8")	102 (4")	137 (5 3/8") + Z
330–430 (13"–17")	218 (8 9/16")	126 (5")	161 (6 5/16") + Z
430–480 (17"–18 7/8")	228 (9")	136 (5 3/8")	171 (6 11/16") + Z

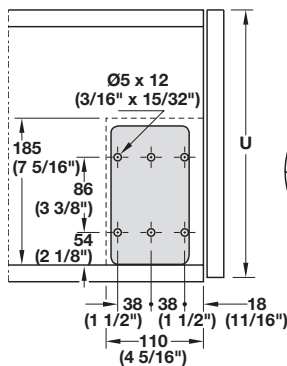
- > For wood doors
- > With adjustable opening angle and braking effect
- > Soft open and soft closing mechanism
- > Time-consuming cabinet processing is not required
- > For horizontal or vertical installation; extremely little space is required inside the cabinet
- > Left/right hand use
- > Internal cabinet depth: min. 196 mm (7 11/16")/horizontally
min. 110 mm (4 5/16")/vertically
- > Door height: 200–480 mm (7 7/8"–18 7/8")
- > Door weight: max. 12 kg (26 lbs.)
- > W x L x D: 89 x 23 x 163 mm (3 1/2" x 29/32" x 6 7/16")
when installed horizontally
- > Material: Housing: Plastic; Brackets: Zinc Alloy; Finish: nickel-plated
Cover Caps: Plastic

Model	silver colored matte cover caps	black cover caps
A	365.47.931	365.47.331
B	365.47.932	365.47.332
C	365.47.933	365.47.333
D	365.47.934	365.47.334
E	365.47.935	365.47.335
F	365.47.936	365.47.336

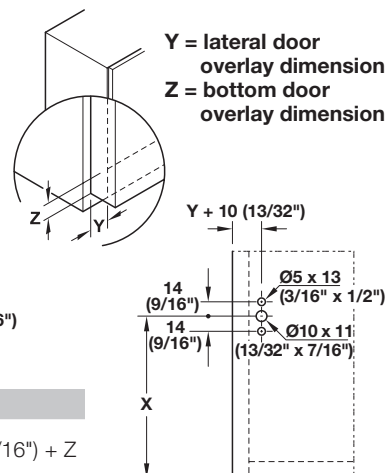
Supplied With

Front fixing brackets
Cover caps
Mounting screws

Vertical installation



Front fixing



Sample Measurements Table for Choosing the Correct Model

Horizontal installation

Flap height	Flap hinge						Concealed hinge						Flap height	Flap hinge						Concealed hinge								
	Flap weight lbs.	Model*					Flap weight lbs.	Model*						Flap weight lbs.	Model*					Flap weight lbs.	Model*							
		A	B	C	D	E		F	A	B	C	D			E	F	A	B	C		D	E	F					
200–230 mm (7 7/8"–9 1/16")	5.3–6.2	1	–	–	–	–	4.4–6.2	1	–	–	–	–	381–432 mm (15"–17")	6.4–7.9	–	1	–	–	–	6.2–8.2	–	1	–	–	–			
	8.8–10.6	–	1	–	–	–	7.7–10.6	–	1	–	–	–		6.8–8.6	–	–	1	–	–	6.4–8.6	–	–	1	–	–			
	9.3–13.7	–	–	1	–	–	9.5–12.8	–	–	1	–	–		8.2–9.9	–	–	–	1	–	7.3–9.9	–	–	–	1	–			
	10.6–15	–	–	–	1	–	10.8–15.2	–	–	–	1	–		9.9–13.4	–	–	–	–	1	8.6–11.5	–	–	–	–	1			
	12.8–17.6	–	–	–	–	1	13–17.2	–	–	–	–	1		9.9–13.4	–	2	–	–	–	9.9–15.4	–	2	–	–	–			
	15.9–22.9	–	–	–	–	–	16.8–22	–	–	–	–	–		1	11.9–15.2	–	–	–	–	–	10.8–13.4	–	–	–	–	–	1	
230–270 mm (9 1/16"–10 5/8")	4.4–5.1	1	–	–	–	–	4.4–5.3	1	–	–	–	–	432–460 mm (17"–18 1/8")	12.6–16.1	–	–	2	–	–	13.4–19.2	–	–	2	–	–			
	6.6–9.7	–	1	–	–	–	6.6–7.9	2	–	–	–	–		15.2–17.6	–	–	–	2	–	16.5–24.3	–	–	–	2	–			
	7.1–9.7	2	–	–	–	–	7.1–8.8	–	1	–	–	–		18.7–22.3	–	–	–	–	2	18.5–26.9	–	–	–	–	2			
	7.9–11.5	–	–	1	–	–	8.2–12.3	–	–	1	–	–		24–27.6	–	–	–	–	–	26.5–32	–	–	–	–	–	2		
	9.7–13.2	–	–	–	1	–	9.7–13.7	–	–	–	1	–		460–479 mm (18 1/8"–18 7/8")	6–6.8	–	1	–	–	–	4.9–6.6	–	1	–	–	–		
	11.5–15.4	–	–	–	–	1	13.2–16.8	–	–	–	–	1			6–8.6	–	–	1	–	–	6.4–8.2	–	–	1	–	–		
13.2–18.5	–	2	–	–	–	15–18.7	–	2	–	–	–	8.2–10.4	–		–	–	1	–	7.3–9.9	–	–	–	1	–				
15–19	–	–	–	–	–	15–20.3	–	–	–	2	–	–	9–10.8		–	–	–	–	1	8.2–10.8	–	–	–	–	1			
15–21.2	–	–	1	–	–	15.4–19.8	–	–	–	–	–	1	9.5–13.4		–	2	–	–	–	9.5–13.9	–	2	–	–	–			
270–330 mm (10 5/8"–13")	3.1–4.4	1	–	–	–	–	3.7–4.6	1	–	–	–	–	432–460 mm (17"–18 1/8")		11.7–12.6	–	–	–	–	–	1	10.8–12.6	–	–	–	–	–	1
	6.4–8.4	2	1	–	–	–	6.8–8.6	–	1	–	–	–		13–18.3	–	–	2	–	–	13–18.3	–	–	2	–	–			
	6.6–10.1	–	–	1	–	–	7.1–8.4	2	–	–	–	–		15.7–18.7	–	–	–	2	–	16.5–23.1	–	–	–	2	–			
	7.9–11.5	–	–	–	1	–	8.4–11	–	–	1	–	–		18.3–20.9	–	–	–	–	2	18.7–24.3	–	–	–	–	2			
	10.1–13.2	–	–	–	–	1	8.8–11.5	–	–	–	–	1		22.3–25.4	–	–	–	–	–	2	23.1–27.6	–	–	–	–	–	2	
	12.3–17.2	–	2	–	–	–	10.4–16.1	–	–	–	–	–		1	5.5–6.4	–	1	–	–	–	6.2–6.6	–	1	–	–	–		
330–381 mm (13"–15")	14.1–17.2	–	–	–	–	–	11.9–16.3	–	2	–	–	–	460–479 mm (18 1/8"–18 7/8")	6.2–8.4	–	–	1	–	–	6.4–8.2	–	–	1	–	–			
	14.1–19.4	–	–	2	–	–	12.3–16.8	–	–	–	–	–		7.9–9.7	–	–	–	1	–	7.5–9	–	–	–	1	–			
	15.4–22.5	–	–	–	2	–	16.3–19.8	–	–	–	2	–		–	8.4–10.6	–	–	–	–	1	8.2–9.9	–	–	–	–	1		
	19–26	–	–	–	–	2	19–24.3	–	–	–	–	2		–	9–12.6	–	2	–	–	–	9–13.4	–	2	–	–	–		
	–	–	–	–	–	–	23.4–27.8	–	–	–	–	–		2	–	11.7–17	–	–	2	–	–	10.4–12.1	–	–	–	–	–	1
	6–8.2	–	1	–	–	–	5.7–7.9	–	1	–	–	–		–	11.9–12.3	–	–	–	–	–	1	12.1–16.5	–	–	2	–	–	
330–381 mm (13"–15")	7.1–9.5	–	–	1	–	–	8.2–11.2	–	–	–	–	1	–	15–19.6	–	–	–	2	–	15.4–20.9	–	–	–	2	–			
	8.2–10.8	–	–	–	1	–	8.6–10.8	–	–	–	1	–	–	15.9–21.2	–	–	–	–	2	19.8–22	–	–	–	–	2			
	9.5–12.6	–	–	–	–	1	9.7–12.1	–	–	–	–	–	1	–	21.6–25.1	–	–	–	–	–	2	24.3–26.5	–	–	–	–	–	2
	11–15.4	–	2	–	–	–	11–15.9	–	2	–	–	–	–	460–479 mm (18 1/8"–18 7/8")	9–12.6	–	2	–	–	–	9–13.4	–	2	–	–	–		
	12.1–15.7	–	–	–	–	–	11.9–14.8	–	–	–	–	–	1		11.7–17	–	–	2	–	–	10.4–12.1	–	–	–	–	–	1	
	14.3–18.7	–	–	2	–	–	15.9–19.4	–	–	–	2	–	–		11.9–12.3	–	–	–	–	–	1	12.1–16.5	–	–	2	–	–	
15.2–22.3	–	–	–	2	–	17.6–24.7	–	–	–	–	2	–	–		15–19.6	–	–	–	2	–	15.4–20.9	–	–	–	2	–		
19.2–24.5	–	–	–	–	2	21.2–27.3	–	–	–	–	–	2	–	15.9–21.2	–	–	–	–	2	19.8–22	–	–	–	–	2			
26.2–29.8	–	–	–	–	–	28.2–30.9	–	–	–	–	–	–	2															

* The specified number refers to the number of required Miniwinches.

Sample Measurements Table for Choosing the Correct Model

Vertical installation

Flap height	Flap hinge						Concealed hinge						Flap height	Flap hinge						Concealed hinge												
	Flap weight lbs.	Model*					Flap weight lbs.	Model*						Flap weight lbs.	Model*					Flap weight lbs.	Model*											
		A	B	C	D	E		F	A	B	C	D			E	F	A	B	C		D	E	F									
200–230 mm (7 7/8"–9 1/16")	5.5–6.4	1	–	–	–	–	5.7–6.8	1	–	–	–	–	381–432 mm (15"–17")	5.5–7.5	–	1	–	–	–	5.1–7.5	–	1	–	–	–							
	9–13	–	1	–	–	–	9.7–12.1	–	1	–	–	–		7.1–9.3	–	–	1	–	–	6.6–8.8	–	–	1	–	–							
	11.7–16.1	–	–	1	–	–	13.9–18.7	–	–	1	–	–		9.7–11.9	–	–	–	1	–	9.7–11.9	–	–	–	1	–							
	17.6–24.3	–	–	–	1	–	16.5–20.5	–	–	–	1	–		–	10.6–12.3	–	–	–	–	1	9.7–14.6	–	2	–	–	–						
230–270 mm (9 1/16"–10 5/8")	4.9–5.5	1	–	–	–	–	4.6–5.5	1	–	–	–	–		432–460 mm (17"–18 1/8")	11–13.7	–	2	–	–	–	10.1–12.3	–	–	–	–	1	–					
	7.3–10.6	–	1	–	–	–	7.5–9.9	–	1	–	–	–			13–14.6	–	–	–	–	1	12.1–14.1	–	–	–	–	1						
	9–10.6	2	–	–	–	–	8.8–10.6	2	–	–	–	–			13.7–18.1	–	–	2	–	–	14.6–18.1	–	–	2	–	–						
	9.3–13.2	–	–	1	–	–	9.9–12.3	–	–	1	–	–			19–23.4	–	–	–	2	–	–	18.5–22.5	–	–	–	2	–					
	14.6–19	–	–	–	1	–	15–19	–	–	–	1	–			–	21.6–25.1	–	–	–	–	2	–	–	–	–	2	–					
	15–21.2	–	2	–	–	–	15–20.3	–	2	–	–	–			–	26–28.7	–	–	–	–	–	24.3–28.7	–	–	–	–	–	2				
	21.2–28.2	–	–	2	–	–	20.3–26.5	–	–	2	–	–	–		460–479 mm (18 1/8"–18 7/8")	5.1–6.6	–	1	–	–	–	5.1–6.6	–	1	–	–	–	–				
4.2–5.1	1	–	–	–	–	4.4–5.1	1	–	–	–	–	–	6.6–8.4			–	–	1	–	–	–	6.2–7.9	–	–	1	–	–	–				
7.1–9.9	–	1	–	–	–	6.6–10.8	–	1	–	–	–	–	8.8–11.5			–	–	–	1	–	–	9.3–11.5	–	–	–	1	–	–				
7.5–9.5	2	–	–	–	–	7.7–9.9	2	–	–	–	–	–	10.1–11.9			–	–	–	–	1	–	9.3–13.7	–	2	–	–	–	–				
8.4–11.2	–	–	1	–	–	8.2–11.2	–	–	–	1	–	–	–	10.1–13.7		–	2	–	–	–	–	9.7–11.9	–	–	–	–	1	–				
12.6–16.1	–	–	–	1	–	11.9–15.7	–	–	–	–	1	–	–	12.3–13.2		–	–	–	–	–	1	11.5–13.2	–	–	–	–	–	1				
13.4–17.6	–	–	–	–	1	–	13.4–16.1	–	–	–	–	–	1	–		13.7–17.2	–	–	2	–	–	–	11.9–16.8	–	–	2	–	–	–			
13.9–17.9	–	2	–	–	–	–	13.4–17	–	2	–	–	–	–	–		17.2–22.5	–	–	–	2	–	–	–	16.3–20.7	–	–	–	2	–	–		
17.4–24.5	–	–	2	–	–	–	17–22.3	–	–	2	–	–	–	–		19.8–22.9	–	–	–	–	2	–	–	–	18.5–23.4	–	–	–	–	2	–	
24.9–32	–	–	–	2	–	–	23.1–30.2	–	–	–	–	2	–	–		25.1–26.9	–	–	–	–	–	2	23.4–26.9	–	–	–	–	–	–	2		
28.4–34.2	–	–	–	–	2	–	26.7–32	–	–	–	–	–	2	–	5.3–7.1	–	1	–	–	–	–	5.1–6.6	–	1	–	–	–	–	–			
330–381 mm (13"–15")	5.7–7.5	–	1	–	–	–	5.5–7.9	–	1	–	–	–	460–479 mm (18 1/8"–18 7/8")	6.2–8.8	–	–	1	–	–	–	6.2–7.9	–	–	–	1	–	–	–	–	–		
	7.3–9.9	–	–	1	–	–	7.1–9.5	–	–	–	1	–		–	8.4–11	–	–	–	1	–	–	8.8–11.5	–	–	–	–	1	–	–	–		
	10.8–13.9	–	–	–	1	–	10.1–13.4	–	–	–	–	1		–	–	9.9–11.9	–	–	–	–	1	–	9.3–13.7	–	2	–	–	–	–	–		
	11–14.3	–	2	–	–	–	10.8–14.1	–	–	–	–	–		1	–	–	10.1–13.2	–	2	–	–	–	–	9.7–11.9	–	–	–	–	–	1	–	
	11.7–14.3	–	–	–	–	1	–	11.2–15.2	–	2	–	–		–	–	–	11.9–13.2	–	–	–	–	–	1	9.3–13.2	–	–	–	–	–	–	1	
	14.8–16.1	–	–	–	–	–	1	13.9–16.1	–	–	–	–		–	–	–	12.3–17.2	–	–	2	–	–	–	11.9–16.8	–	–	2	–	–	–	–	
	16.1–18.7	–	–	2	–	–	–	14.6–20.5	–	–	2	–		–	–	–	16.8–22	–	–	–	2	–	–	–	15.9–20.7	–	–	–	2	–	–	
	21.4–25.8	–	–	–	2	–	–	20.1–24.9	–	–	–	–		2	–	–	19.4–22.9	–	–	–	–	2	–	–	18.5–23.4	–	–	–	–	2	–	
	23.6–28.4	–	–	–	–	2	–	23.1–28.4	–	–	–	–		–	2	–	–	23.8–25.6	–	–	–	–	–	–	–	22.9–25.6	–	–	–	–	–	2
	29.3–32.8	–	–	–	–	–	2	27.6–32	–	–	–	–		–	–	2																

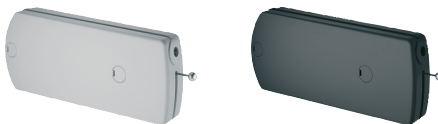
* The specified number refers to the number of required Miniwinches.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

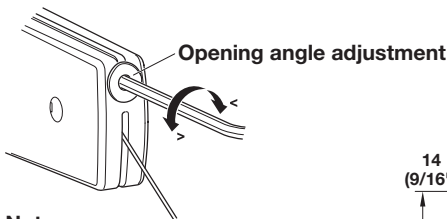
Flap Stays



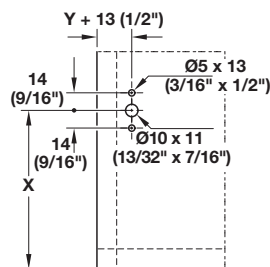
- > For wood doors
- > With adjustable opening angle and soft open and soft closing mechanism
- > Time-consuming cabinet processing is not required
- > For horizontal or vertical installation; extremely little space is required inside the cabinet
- > Left/right hand use
- > Internal cabinet depth: min. 180 mm (7")/horizontally
min. 82 mm (3 1/4")/vertically
- > Door height: 210–480 mm (8 1/4"–18 7/8")
- > Door weight: max. 9 kg (19.8 lbs.)
- > W x L x D: 26 x 68 x 160 mm (1 1/16" x 2 21/32" x 6 5/16")
when installed horizontally
- > Material: Housing: Plastic; Brackets: Zinc Alloy; Finish: nickel-plated



Adjustment



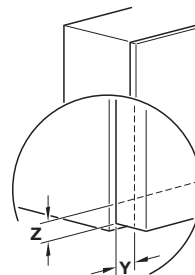
Note
Ease door weight during adjustment.



Supplied With

Front fixing brackets
Mounting screws

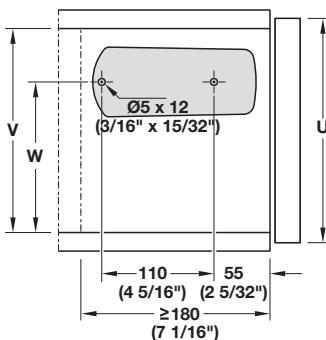
Front fixing



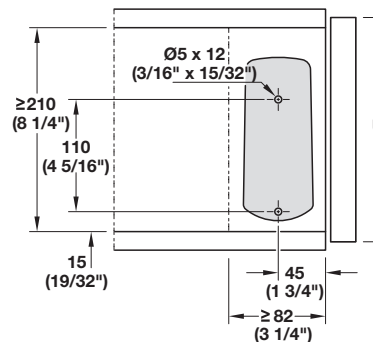
U = door height
V = internal cabinet height
W = drill hole height
X = center of front fixing
Y = lateral door overlay dimension
Z = bottom door overlay dimension

Planning and installation

Horizontal installation



Vertical installation



U	V (min.)	W	X
210–270 (8 1/4"–10 5/8")	173 (6 13/16")	135 (5 5/16")	123 (4 13/16") + Z
270–480 (10 5/8"–18 7/8")	186 (7 5/16")	148 (5 13/16")	144 (5 11/16") + Z

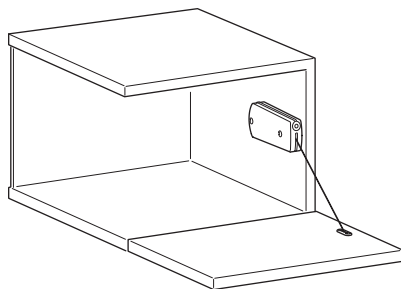
Sample measurements table for choosing the correct model.

U	X
230–480 (9 1/16"–18 7/8")	123 (4 13/16") + Z

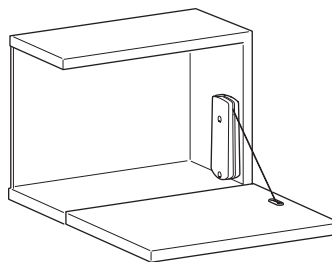
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Sample Measurements Table for Choosing the Correct Model

Horizontal installation



Vertical installation



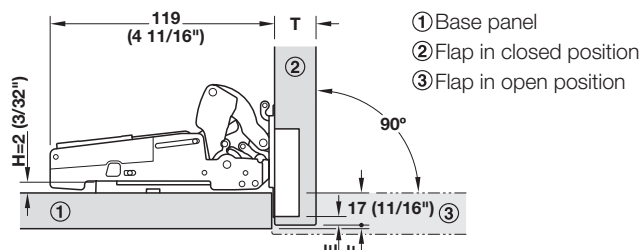
Flap height	Flap hinge					Concealed hinge				
	Flap weight lbs.	Model*				Flap weight lbs.	Model*			
		A	B	C	D		A	B	C	D
210–270 mm (8 1/4–10 5/8")	3.7–6.6	1	–	–	–	8.6–9.9	2	–	–	–
	6.8–8.8	–	1	–	–	16.5–17.6	–	2	–	–
	10.1–11.7	–	–	1	–	17.6–18.7	–	–	2	–
	11.2–13.2	–	–	–	1	–	–	–	–	–
270–330 mm (10 5/8–13")	3.7–6.6	1	–	–	–	7.3–9.9	2	–	–	–
	6.8–8.8	–	1	–	–	13.4–16.3	–	2	–	–
	8.8–11.2	–	–	1	–	16.5–18.1	–	–	2	–
	9.7–13.2	–	–	–	1	16.5–18.7	–	–	–	2
330–381 mm (13–15")	3.7–4.2	1	–	–	–	7.1–7.7	2	–	–	–
	6.4–7.7	–	1	–	–	11.2–15	–	2	–	–
	7.9–9.5	–	–	1	–	15–16.5	–	–	2	–
	8.8–12.1	–	–	–	1	16.5–17.6	–	–	–	2
381–432 mm (15–17")	3.3–4	1	–	–	–	6–7.3	2	–	–	–
	5.5–7.3	–	1	–	–	10.6–14.6	–	2	–	–
	7.3–8.4	–	–	1	–	15–15.9	–	–	2	–
	7.9–10.4	–	–	–	1	16.1–17.6	–	–	–	2
432–460 mm (17–18 1/8")	2.6–3.7	1	–	–	–	5.5–6.8	2	–	–	–
	5.1–7.3	–	1	–	–	10.1–13.2	–	2	–	–
	7.1–7.7	–	–	1	–	13.4–15.4	–	–	2	–
	7.7–9.9	–	–	–	1	15.7–17.6	–	–	–	2
460–479 mm (18 1/8–18 7/8")	–	–	–	–	–	–	–	–	–	–
	4.9–6.2	–	1	–	–	9.7–11.7	–	2	–	–
	6.2–7.1	–	–	1	–	12.1–14.3	–	–	2	–
	7.3–9.5	–	–	–	1	14.6–16.5	–	–	–	2

Flap height	Flap hinge					Concealed hinge				
	Flap weight lbs.	Model*				Flap weight lbs.	Model*			
		A	B	C	D		A	B	C	D
210–270 mm (8 1/4"–10 5/8")	5.5–8.4	1	–	–	–	9.5–12.3	2	–	–	–
	8.6–10.8	–	1	–	–	–	–	2	–	–
	12.6–14.3	–	–	1	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–
270–330 mm (10 5/8"–13")	5.1–6.8	1	–	–	–	9.3–11	2	–	–	–
	7.1–9	–	1	–	–	15.4–16.5	–	2	–	–
	9.3–12.1	–	–	1	–	16.8–19.8	–	–	2	–
	12.1–13	–	–	–	1	–	–	–	–	–
330–381 mm (13"–15")	4–5.7	1	–	–	–	7.5–8.6	2	–	–	–
	6.6–8.4	–	1	–	–	12.3–14.3	–	2	–	–
	8.4–10.4	–	–	1	–	16.5–18.3	–	–	2	–
	9.7–12.1	–	–	–	1	18.3–19.8	–	–	–	2
381–432 mm (15"–17")	3.7–5.1	1	–	–	–	6.4–9.3	2	–	–	–
	6.2–7.7	–	1	–	–	10.4–13.7	–	2	–	–
	7.7–9.5	–	–	1	–	15.9–17	–	–	2	–
	9.5–10.1	–	–	–	1	16.1–18.7	–	–	–	2
432–460 mm (17"–18 1/8")	3.3–4.4	1	–	–	–	6.8–8.8	2	–	–	–
	5.5–7.1	–	1	–	–	9.7–13.4	–	2	–	–
	7.3–8.8	–	–	1	–	13.7–16.5	–	–	2	–
	7.9–9.5	–	–	–	1	15–18.3	–	–	–	2
460–479 mm (18 1/8"–18 7/8")	–	–	–	–	–	6.2–8.4	2	–	–	–
	5.1–5.7	–	1	–	–	9–12.8	–	2	–	–
	7.1–7.9	–	–	1	–	13.2–15.9	–	–	2	–
	7.3–8.8	–	–	–	1	13.9–16.5	–	–	–	2

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

* The specified number refers to the number of required Microwinches.

- Cover caps, see next page.

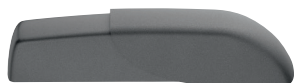


Door height	Door weight in lbs.		
	Model W	Model I	Model S
280 (11 1/32")	6.2–9.5	9.5–14.5	14.7–21
300 (11 13/16")	5.7–9	9–13.6	13.6–9.7
320 (12 5/8")	5.5–8.6	8.4–12.8	12.8–18.3
340 (13 3/8")	5.1–8.2	8.2–11.9	11.9–17.4
360 (14 3/16")	4.8–7.7	7.9–11	11–16.3
380 (14 15/16")	4.6–7.3	7.7–10.3	10.3–15.4
400 (15 3/4")	4.4–5.3	7.3–9.9	9.9–14.5

[illegible]

Color	Item No.
gray	372.76.600
white	372.76.601
black	372.76.602

Pacta Cover Caps



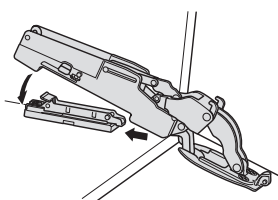
> Material: Plastic

Color	Item No.
gray	365.13.520
white	365.13.720
black	365.13.320

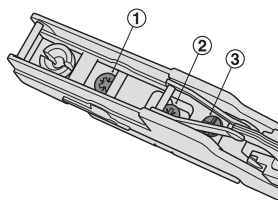
Supplied With
2 pcs.

Installation

1.

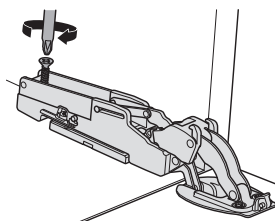


2.



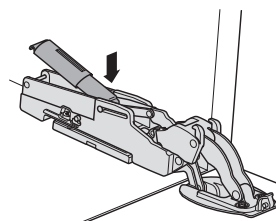
Adjustment facility
① Depth adjustment
② Side adjustment
③ Height adjustment

3.



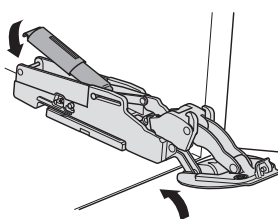
Fixing the safety lock screw.

4.



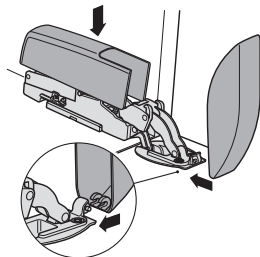
Inserting the soft opening mechanism.
Slide front of soft opening mechanism onto the designated axle and clip-in.
Tools are not required.

5.

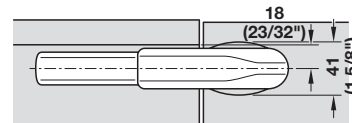
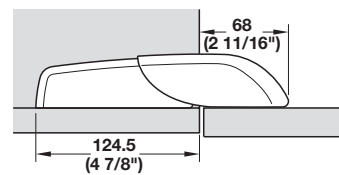
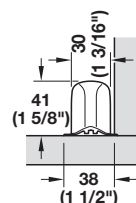


Clip soft opening mechanism into rear axle.

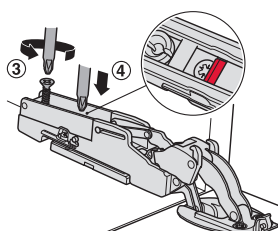
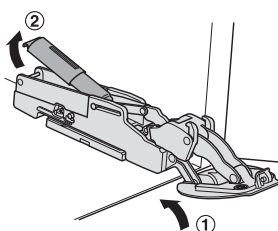
6.



Clip cover housing onto hinge arm and then onto cup.



Disassembly



- ① Lift flap
- ② Remove soft opening mechanism
- ③ Loosen safety lock screw
- ④ Remove hinge arm from mounting plate by applying pressure onto clip of mounting plate from above.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Chest Stays



> Material: Zinc Alloy; Finish: nickel-plated

Version (see chart below)	Item No.
F - blue	373.85.700
G - brown	373.85.701
H - black	373.85.702

Note

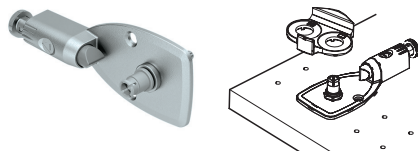
Cabinet mounting bracket and soft closing mechanism sold separately.

Lid depth	F  blue	G  brown	H  black
400 (15 3/4")	3.5–6.8 lbs.	6.6–11.6 lbs.	11.4–20.6 lbs.
500 (19 11/16")	2.8–5.7 lbs.	5.5–9.2 lbs.	9.4–16.5 lbs.
600 (23 5/8")	2.4–2.5 lbs.	5.0–9.2 lbs.	8.8–14.7 lbs.

Note

Weight chart is based on one lid stay. Weight shown can be doubled if using 2 stays.

→ Soft Closing Mechanism



soft&silent)))



- > For edge distance: 28 and 37 mm (1 1/8" and 1 7/16")
- > Adjustable dampening distance
- > Material: Zinc Alloy

Finish	Item No.
nickel-plated	373.69.799

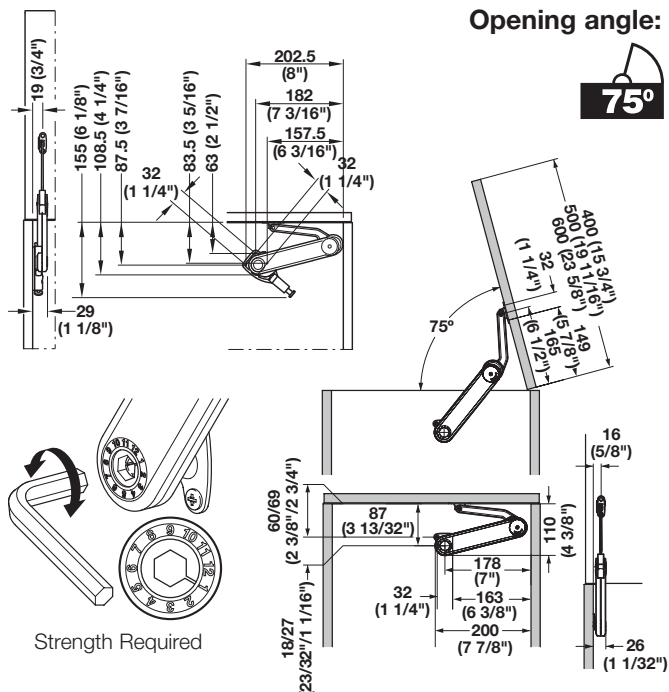
Note

The cabinet mounting bracket is not required with the soft closing mechanism.

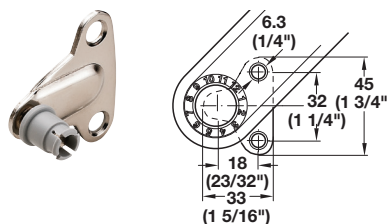
- > Opening angle: max. 75°
- > Left/right hand mounting
- > Soft closing mechanism is recommended, order separately below
- > Use 2 fittings and soft closing mechanisms for lid width over 600 mm (23 5/8")
- > Trial mounting is recommended
- > Adjust with a 10 mm hex key, order separately, see next page

Note

Mounting brackets are not included, order separately.
Concealed hinges and plates are required for installation, order separately.
Piano or other hinges are not recommended.



→ Cabinet Mounting Brackets



- > Wood or aluminum framed door width: min. 35 mm (1 3/8")
- > Material: Steel; Finish: nickel-plated

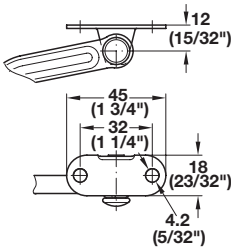
Distance from edge	Item No.
28 (1 1/8")	373.69.907
37 (1 7/16")	373.69.906

Note

Door mounting brackets, see next page.

Chest Stay

→ Door Mounting Brackets



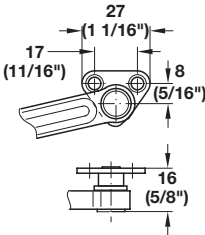
- > Wood or aluminum door width: min. 35 mm (1 3/8")
- > Material: Steel

Finish

nickel-plated

Item No.

373.66.681



- > For use with aluminum doors
- > Material: Steel

Finish

nickel-plated

Item No.

373.66.682

→ Hex Key



- > 10 mm (13/32")
- > Material: Plastic

Color

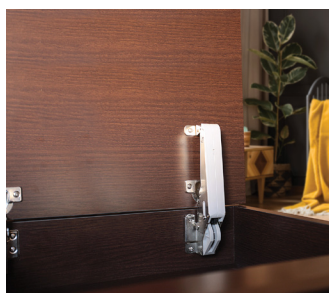
gray

Item No.

235.79.301

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

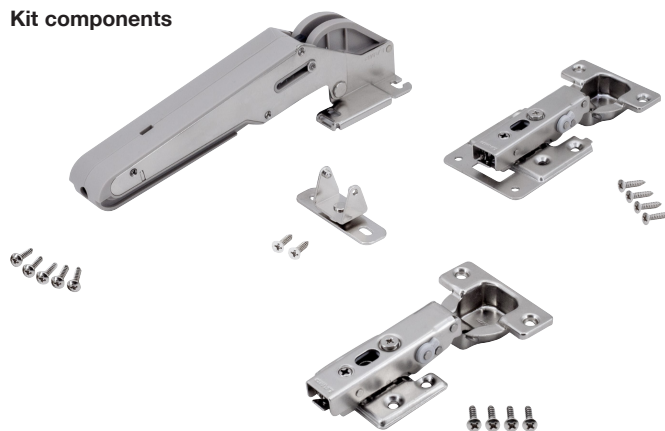
Aileron



- > The Aileron System creates continuous movement with adjustable closing speed and free-stop functions
- > The lift-assist function allows for light opening of the lid
- > The free-stop function enables lids to be held in position, max. 30°
- > The soft close function gently closes lids 0°–30°
- > Closing door speed is adjustable
- > Integrated design combines a concealed hinge with a chest stay
- > Material thickness: min. 16 mm (5/8"); max. 22 mm (7/8")
- > Material: Steel/Plastic; Finish: zinc/nickel-plated/gray

→ Chest Stay System

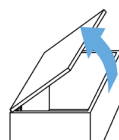
Kit components



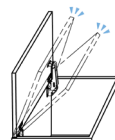
Torque range	Model No.	Item No.
40.8–61.2 (35.4–53.1 lbs.)	ARN-2-M-S	365.30.632
61.2–81.6 (53.1–70.8 lbs.)	ARN-2-H-S	365.30.630

Supplied With

Arm
Hinges
Assembly hardware and mounting instructions



Light opening



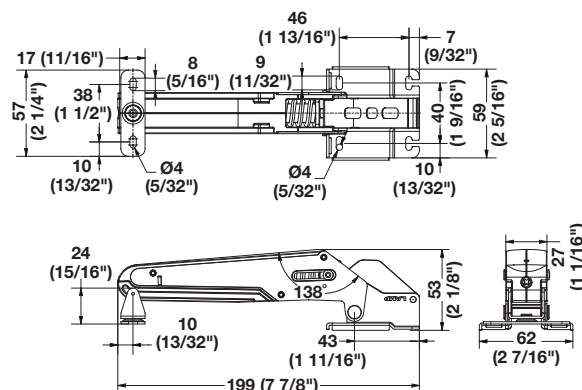
Holds in position



Gently closing

How to calculate Torque:

Door weight x door height x 1/2 = Torque required for the lid.



With Spring

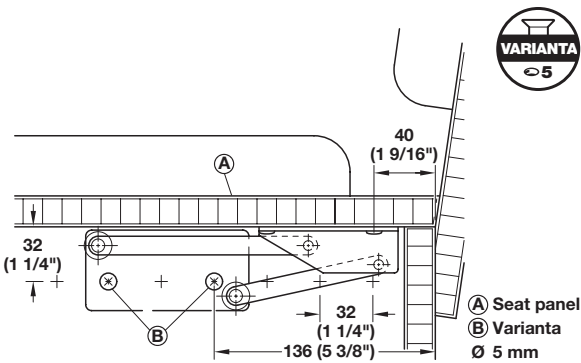
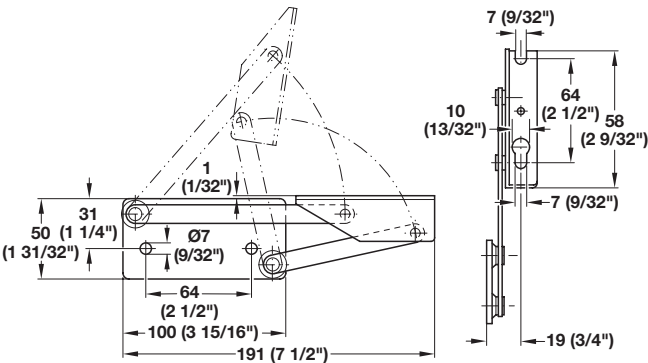


- > Hinge design ensures the safe retention of seat top in raised position at a 95° angle
- > Guaranteed forward movement: approximately 110 mm (4 5/16")
- > Unrestricted opening even of fully upholstered seats as a joint is not required between the seat and back
- > Hinge joints incorporate a stop to prevent the open seat from slamming against the fitting
- > Springs counterbalance the weight of the seat top and assist with opening
- > Material: Steel

Panel weight max.	Item No.
8 kg (17.6 lbs.)	643.01.541
12 kg (26.4 lbs.)	643.01.525

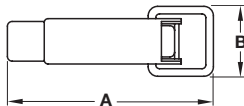
Note

1 pair = 1 L/H and 1 R/H



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

→ Draw Pull Catches

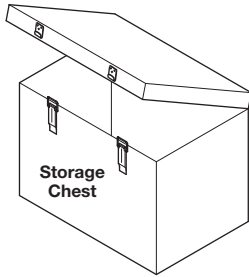
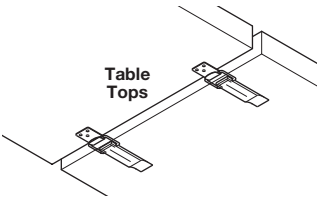


> Material: Steel; Color: black

A	B	Wire clamp Ø	Item No.
55 (2 5/32")	22 (7/8")	3 (1/8")	380.53.306
75 (2 15/16")	30 (1 3/16")	4 (5/32")	380.53.315

Note
Order strikes separately.

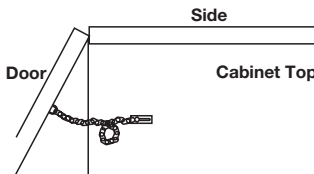
→ Strikes for Draw Pull Catches



> Material: Steel; Color: black

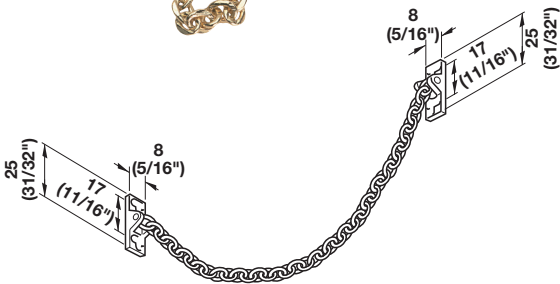
Length	Width	Thickness	Item No.
28 (1 1/8")	13 (1/2")	1.3 (1/32")	380.65.306
24 (15/16")	18 (23/32")	2 (3/32")	380.65.315

Decorative Door Chain



> Used as door restraint
> Length: 200 mm (7 7/8")
> Material: Brass, polished

Item No.
372.35.813



Door Restraint



> Material: Steel Wire, braided with Plastic (PVC) coating

Finish	Item No.
zinc-plated	366.74.900

Supplied With
Screws
Washers

