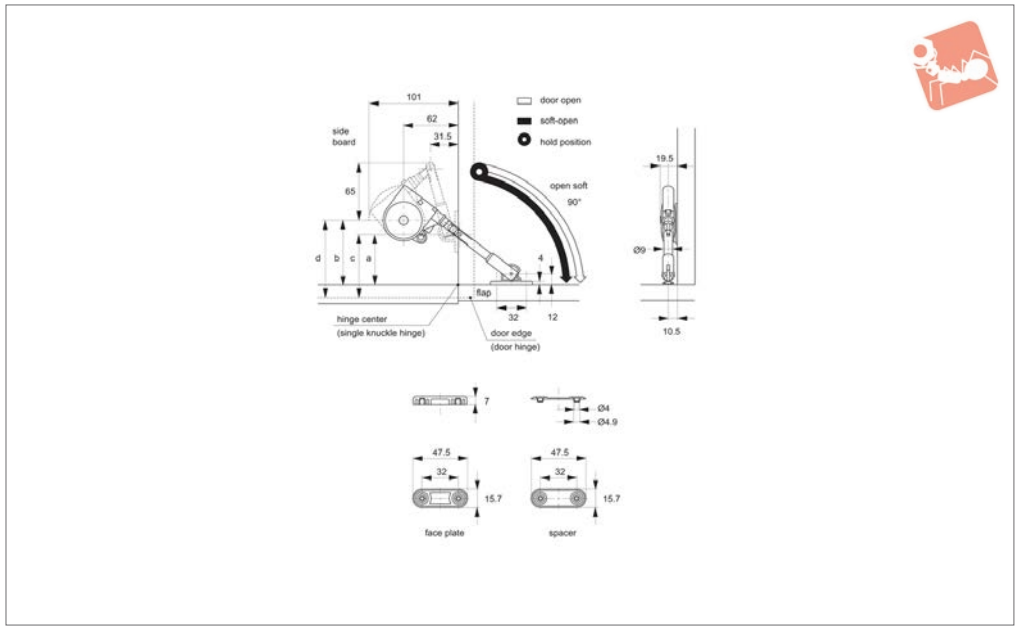
Short Arm Soft-Opening Stays - for
90° opening angle - for TV/DVD and Hi-fi Cabinets



N0060

Material
Arm: zinc alloy, steel, bright nickel finish.
Body: plastic.
Mounting plate: zinc alloy, steel, bright nickel finish.

Technical Notes
For use with lids which are downward opening, with single knuckle or drop hinges. Short arm makes this stay suitable for low height applications such as TV/DVD and Hi-fi applications.
Designed to control speed at which a suitable lid opens, for smooth controlled motion.
Opening angle of 90°. Temperature range 0° to 40°C.
„With catch" type has catch to hold lid in closed position. „W/o catch" type requires external catch, such as a magnetic or touch latch, to retain lid.
Stay has sprung elbow section which must be released prior to closing lid - please take care not to catch fingers when handling.

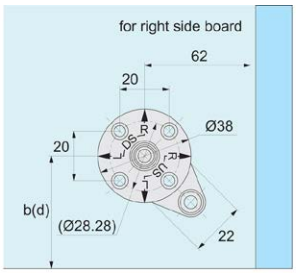
Tips
Supplied with mounting plate. Please order coverplate, to your desired colour serately. Optional cover plates available for glass door applications, please order separately.

Important Notes
For use with relatively light weight cabinet or furniture lids. Improper application, or use on a lid not within recommended size and load bearing value, may lead to stay being overcome and slamming of lid. Application must be within both the min. and max. load bearing value of the stay, see above table for load bearing capacity when using stays as single or in pairs.

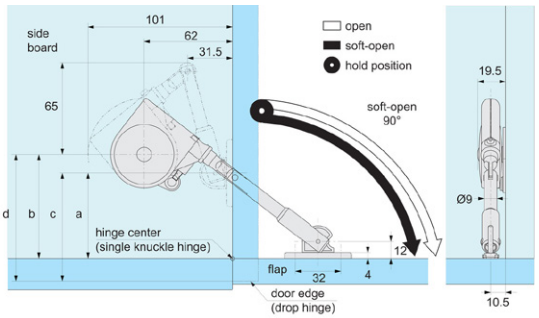
Check Load Bearing Value (T):
T (Load Bearing Value of stay Kg/cm) = 1/2 Door Height cm x Door Weight Kg.

Order No.	Type	Colour	Acceptable load bearing single kg/cm min.|max.	Acceptable load bearing pair kg/cm min.|max.	Weight g
N0060.AC0010	W/o Catch	White	0,5 to 12,0	10 to 24	140
N0060.AC0020	W/o Catch	Black	0,5 to 12,0	10 to 24	140
N0060.AC0110	With Catch	White	0,5 to 12,0	10 to 24	140
N0060.AC0120	With Catch	Black	0,5 to 12,0	10 to 24	140

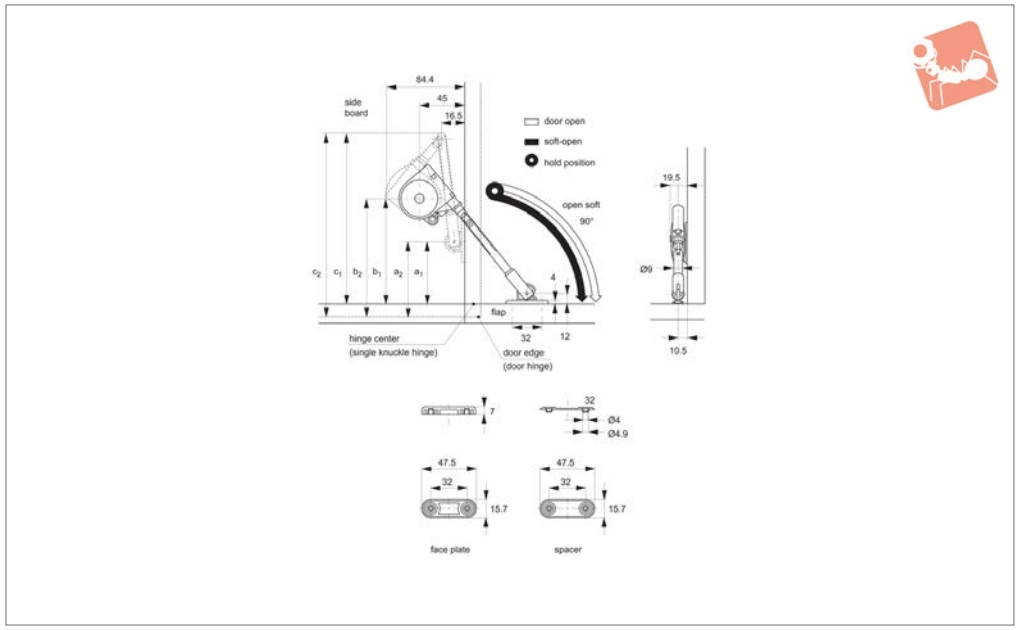
Short Arm Soft-Opening Stays - for
90° opening angle - for TV/DVD and Hi-fi Cabinets



Mounting plate installation



Soft down stay installation



N0070

Material
Arm: zinc alloy, steel, bright nickel finish.
Body: plastic.
Mounting plate: zinc alloy, steel, bright nickel finish.

Technical Notes
For use with lids which are downward opening, with single knuckle or drop hinges. Longer arm for higher load bearing capacity applications.
Designed to control speed at which a suitable lid opens, for smooth controlled motion.
Opening angle of 90°. Temperature range 0° to 40°C.
Stay has an integrated catch to hold lid in closed position.

Stay has a sprung elbow section which must be released prior to closing lid - please take care not to catch fingers when handling.

Tips
Supplied with mounting plate. Please order cover plate, to your desired colour separately.
Optional cover plates available for glass door applications, please order separately.

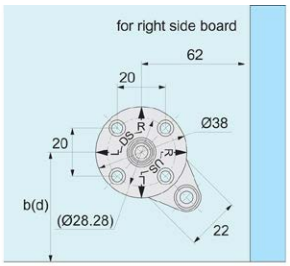
Important Notes
Improper application, or use on a lid not within recommended size and load bearing value, may lead to stay being overcome and slamming of lid. Application must be within both the min. and max. load bearing value of the stay, see above table for load bearing capacity when using stays as single or in pairs.

Check Load Bearing Value (T):
T (Load Bearing Value of stay Kg/cm) = 1/2 Door Height cm x Door Weight Kg.

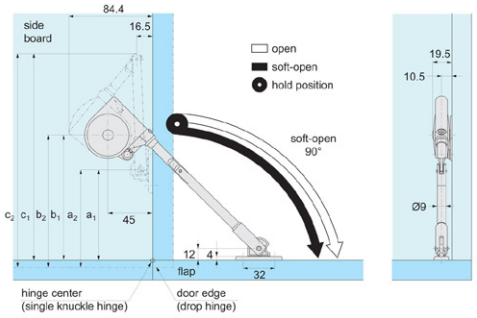
Order No.	Type	Colour	Acceptable load bearing single kg/cm min.|max.	Weight g
N0070.AC0010	Stay	White	35 to 50	167
N0070.AC0020	Stay	Black	35 to 50	167

Soft-Opening Stays - for Downward

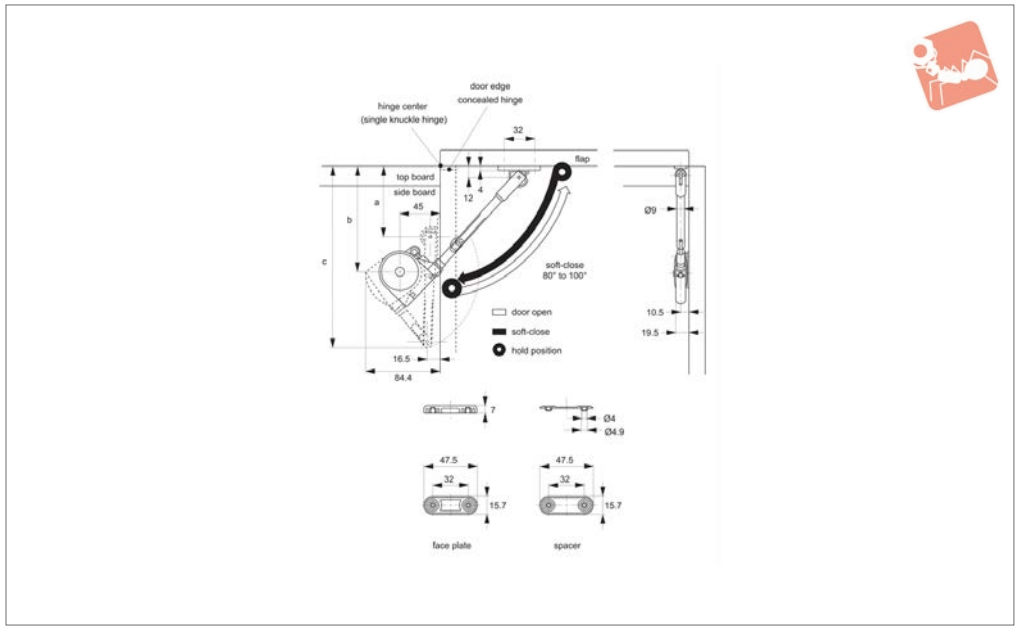
90° opening angle



Mounting plate installation



Soft down stay installation



N0080

Material
Arm: zinc alloy, steel, bright nickel finish.
Body: plastic.
Mounting plate: zinc alloy, steel, bright nickel finish.

Technical Notes
For use with lids which are top opening, with concealed, piano or butt hinges.
Longer arm for higher load bearing capacity applications.
Designed to control speed at which a suitable lid closes and hence prevent lid slamming shut.
Opening angle of 90°. Temperature range 0° to 40°C.

Stay is designed to hold lid in fully open position.
Stay has a sprung elbow section which must be released prior to closing lid - please take care not to catch fingers when handling.

Tips
Order mounting plate separately, for universal left and right hand application.
Supplied with mounting plate. Please order cover plate, to your desired colour, separately.
Opening angle can be varied between 80° to 100° via change of mounting dimensions - see installation dimensions below.

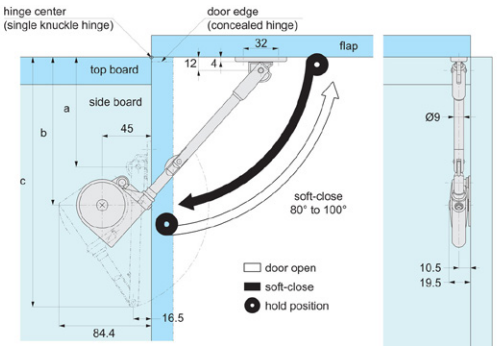
Important Notes
Improper application, or use on a lid not within recommended size and load bearing value, may lead to stay being overcome and slamming of lid. Application must be within both the min. and max. load bearing value of the stay, see above table for load bearing capacity when using stays as single or in pairs.

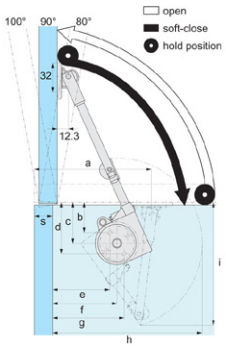
Check Load Bearing Value (T) :
T (Load Bearing Value of stay Kg/ cm) = 1/2 Door Height cm x Door Weight Kg

Order No.	Type	Colour	Acceptable load bearing single kg/cm min.| max.	Acceptable load bearing pair kg/cm min.| max.	Weight g
N0080.AC0010	Stay	White	40 to 70	80 to 140	165
N0080.AC0020	Stay	Black	40 to 70	80 to 140	165

Soft-Closing Stays - for Top Opening

80° to 100° opening angle

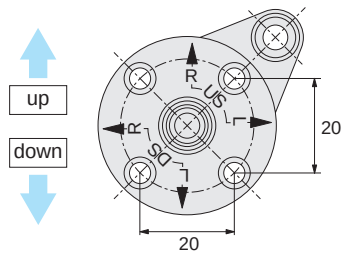




Top opening installation

1. **Top left:** Top opening lid with concealed hinge
2. **Top right:** Top opening lid with single knuckle hinge - overlay type
3. **Bottom left:** Top opening lid with single knuckle hinge - inset type
4. **Bottom right:** Mounting plate installation

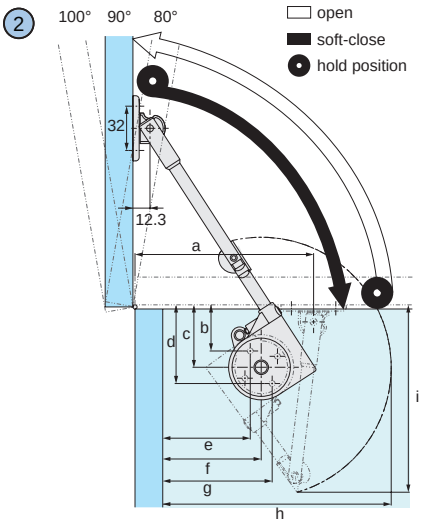
1



Opening angle	80°	90°	100°
a	141,0	132,5	126,5
b	31,9	32,3	32,9
c	45	45	45
d	58,1	57,7	57,1
e	98,2-S	88,7-S	81,2-S
f	103,5-S	95,0-S	88,5-S
g	108,8-S	101,3-S	95,8-S
h	197,5	189,0	182,5
i	134,8	134,8	134,8

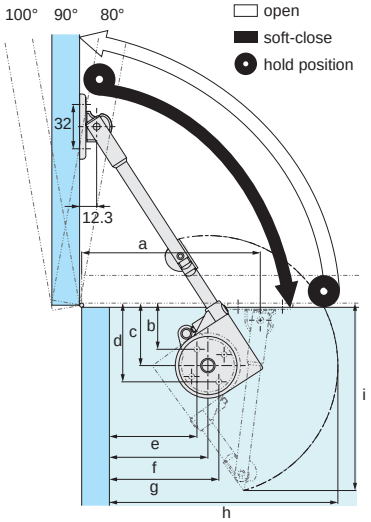
***S = overlay coverage.**

2



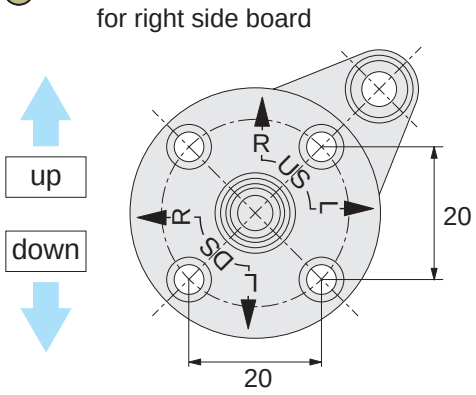
Opening angle	80°	90°	100°
a	138,5	128,5	121,5
b	32,6	33,2	33,9
c	45	45	45
d	57,4	56,8	56,1
e	94,1	83,1	75,2
f	101	91	84
g	107,9	98,9	92,8
h	195	185	178
i	134,8	134,8	134,8

3



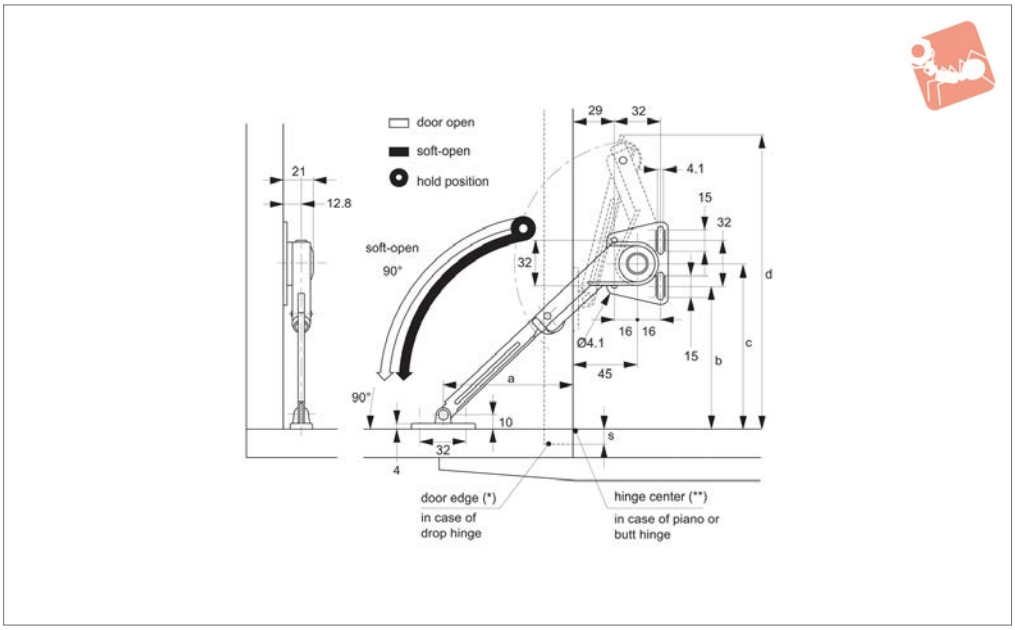
Opening Angle	80°	90°	100°
a	129,0	118,5	111,1
b	31,7	32,0	32,5
c	45	45	45
d	58,3	58,0	57,5
e	86,7	75,3	67,0
f	91,5	81,0	73,5
g	96,3	86,7	80,0
h	185,5	175,0	167,5
i	134,8	134,8	134,8

4



Soft-Closing Stays - for Downward
90° opening angle

N0100



Material
Zinc alloy, steel,
bright nickel finish.
Supplied with screws (3,5x15)

Technical Notes
For use lids which are downward opening, with piano, butt or drop hinges.

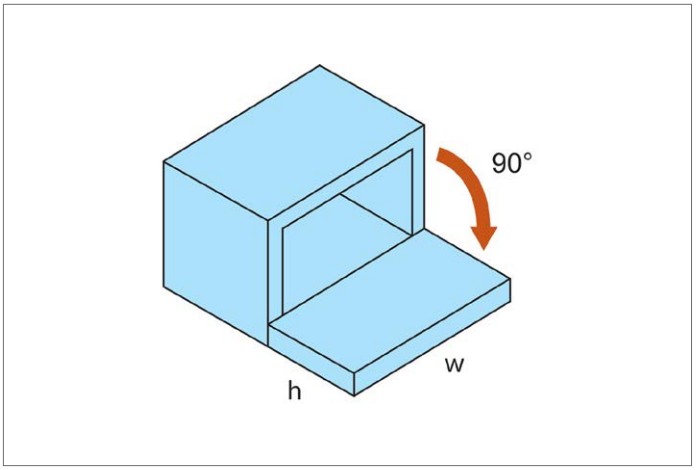
Designed to control speed at which a suitable lid closes and hence prevent lid slamming shut. Opening angle of 90°. Temperature range - 0° to +40°C. Speed of closure adjustable via screw located at end of stay.
Stay has a sprung elbow section which must be released prior to closing lid - please take care not to catch fingers when handling.

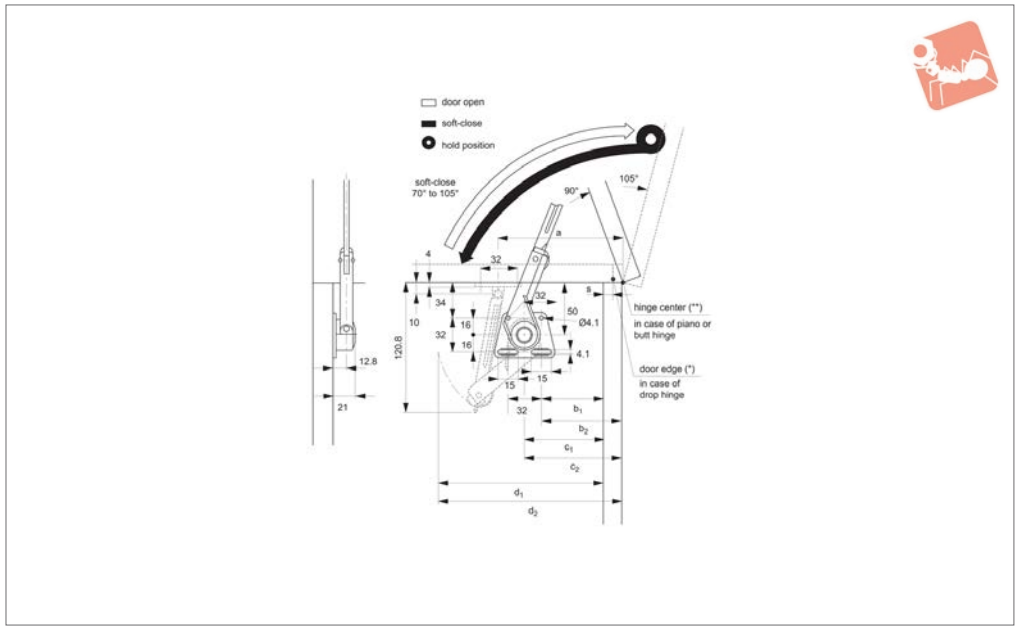
Important Notes
For use with relatively light weight cabinet or furniture lids. Improper application, or use on a lid not within recommended size and load bearing value, may lead to stay being overcome and slamming of lid.

1) Checking Application Suitability:
1) Check Lid Size:
One Stay used:
a) Max 35cm wide
AND
b) within acceptable lid width. height combination - see chart.

If using only one stay-
Acceptable load bearing (T) between min. 20 to max 70 Kg/cm.

Order No.	Type	Acceptable load bearing single kg/cm min.|max.	Acceptable load bearing pair kg/cm min.|max.	Weight g
N0100.AC0010	Right	16 - 70	32 - 140	210
N0100.AC0110	Left	16 - 70	32 - 140	210





N0200

Material
Zinc alloy, steel,
bright nickel finish.
Supplied with screws (3,5x15)

Technical Notes
For use with lids which are top opening, with piano, butt or drop hinges.

Designed to control speed at which a suitable lid closes and hence prevent lid slamming shut. Opening angle of 70° - 105°. Temperature range - 0° to +40°C. Speed of closure adjustable via screw located at end of stay.
Stay has a sprung elbow section which must be released prior to closing lid - please take care not to catch fingers when handling.

Important Notes
For use with relatively light weight cabinet or furniture lids. Improper application, or use on a lid not within recommended size and load bearing value, may lead to stay being overcome and slamming of lid.

1) Checking Application Suitability:
1) Check Lid Size:
One Stay used:
a) Max 35cm wide
AND
b) within acceptable lid width.
Height combination - see chart.

Two Stays used:
a)Max 120cm wide
AND
b) within acceptable lid width/height combination - see chart.
2) Secondly, check load bearing value.

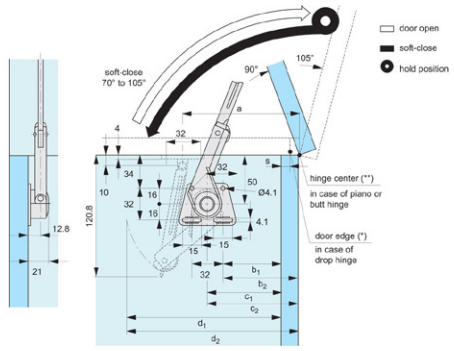
2) Check Load Bearing Value (T):
T (Load Bearing Value of stay Kg/cm) = 1/2 Door Height cm x Door Weight Kg

If using only one stay-
Acceptable load bearing (T) between min. 20 to max 70 Kg/cm.
If using two stays-
Acceptable load bearing (T) between min. 40 to max 140 Kg/cm.

Order No.	Type	Acceptable load bearing single kg/cm min.| max.	Acceptable load bearing pair kg/cm min.| max.	Weight g
N0200.AC0010	Left	20 - 70	40 - 140	210
N0200.AC0110	Right	20 - 70	40 - 140	210

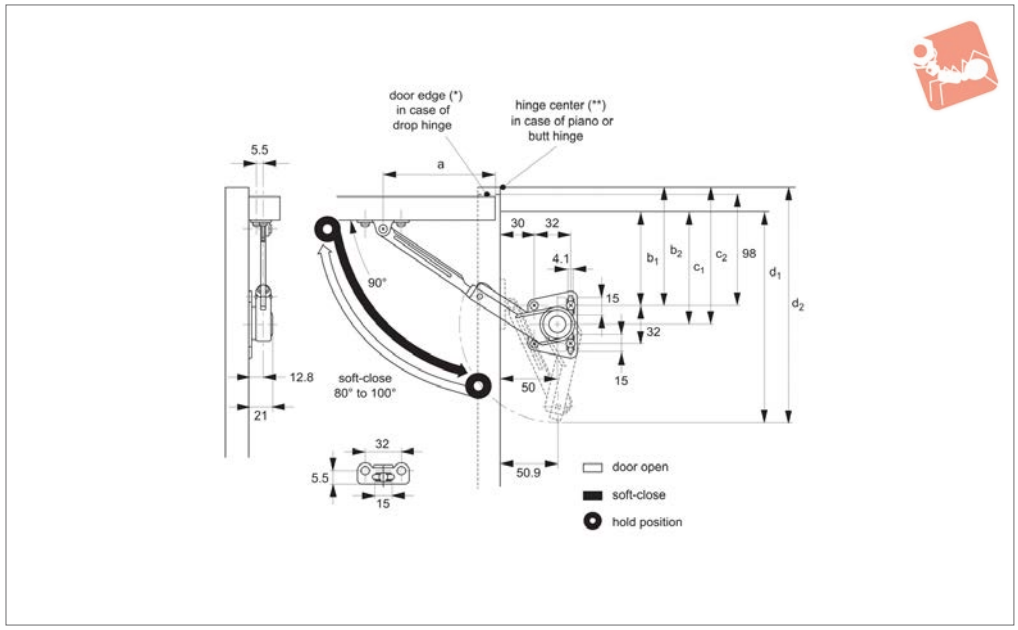
Soft-Closing Stays - for Top Opening

70° - 105° opening angle



Piano/Butt Hinge	Opening Hinge	A	B_1	C_1	D_1
Left/Right	70	125	84	100	184
Left/Right	105	97	56	72	156

Concealed Hinge	Opening Hinge	A	B_2	C_2	D_2
Left/Right	70	126	85-S	101-S	185-S
Left/Right	105	103	62-S	78-S	162-S



N0350

SOFT & SPRING STAYS

Material
Zinc alloy, steel,
bright nickel finish.
Supplied with screws (3,5x15)

Technical Notes
For use with lids which are upward opening, with piano, butt or drop hinges. Designed to control speed at which a suitable lid closes and hence prevent lid slamming shut. Opening angle of 80° - 100°. Temperature range - 0° to +40°C. Speed of closure adjustable via screw located at end of stay.
Stay has a sprung elbow section which must be released prior to closing lid - please take care not to catch fingers when handling.

Important Notes
For use with relatively light weight cabinet or furniture lids. Improper application, or use on a lid not within recommended size and load bearing value, may lead to stay being overcome and slamming of lid.

1) Check Lid Size:
If using only one stay- max. lid width 35cm AND must be within load bearing capacity (T) of the stay, check calculation below.
If using two stays-max. lid width 120cm AND must be within load bearing capacity (T) of the stay, check calculation below.

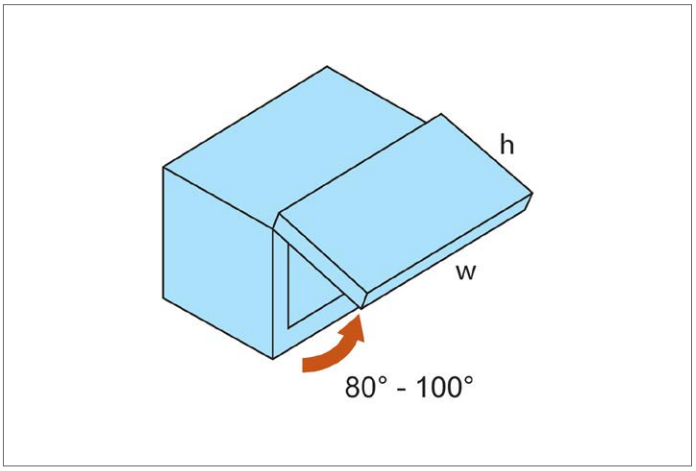
2) Check Load Bearing Value (T):
T (Load Bearing Value of stay Kg/cm) = 1/2 Door Height cm x Door Weight Kg

If using only one stay-
Acceptable load bearing (T) between min. 20 to max 70 Kg/cm.
If using two stays-
Acceptable load bearing (T) between min. 40 to max 140 Kg/cm.

Order No.	Type	Acceptable load bearing single kg/cm min.|max.	Acceptable load bearing pair kg/cm min.|max.	Weight g
N0350.AC0010	Left	20 - 70	40 - 140	210
N0350.AC0110	Right	20 - 70	40 - 140	210

Soft-Closing Stays - for Upward

80° - 100° opening angle

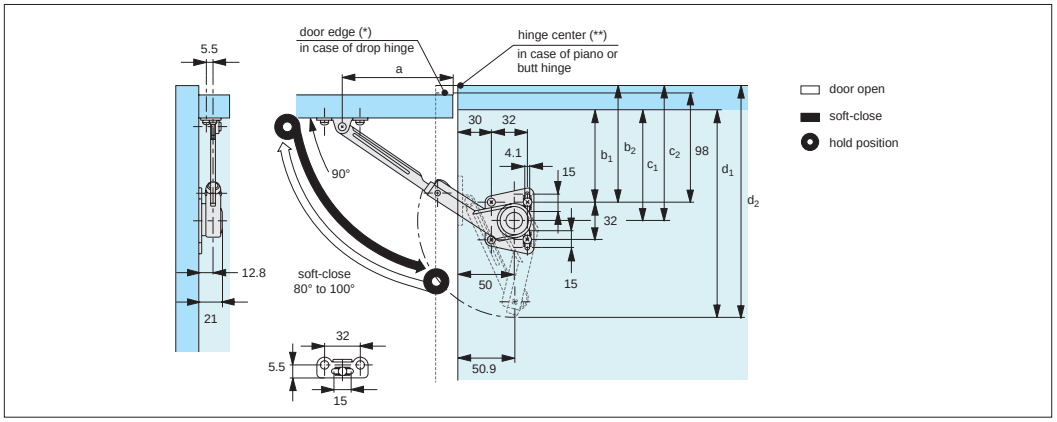


For use with lids which are upward opening, with piano or butt hinges. Longer arm for higher load bearing capacity applications. Designed to control speed at which a suitable lid closes and hence prevent lid slamming shut. Opening angle of 80° to 100°. Temperature range of 0° to 40°C.

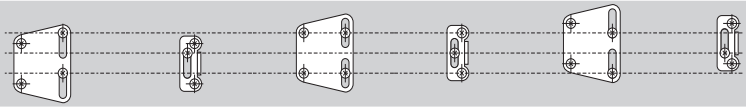
Stay has integrated catch to hold lid in open and closed position. Stay has a sprung elbow section which must be released prior to closing lid - please take care not to catch fingers when handling.

Installation

Soft opening stay installation



Hinge type	a	b_1	c_1	d_1	b_1	c_2	d_2
Drop hinge	99	98 - S*	114 - S*	200 - S*	-	-	-
Piano/butt hinge	93	-	-	-	92	108	194

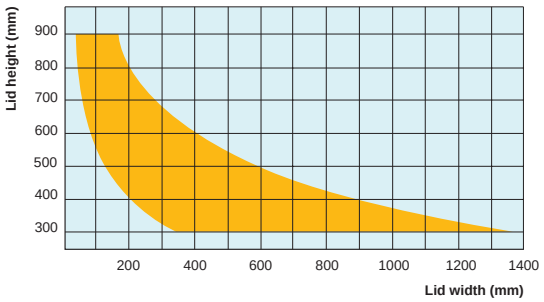
Opening angle	80°		90°		100°	
Position of plates	Down		Middle		Top	
	Mounting plate	Arm bracket	Mounting plate	Arm bracket	Mounting plate	Arm bracket
Up / For hinge centre / Down						

The distance for a, b, c (as shown in the installation diagram above) is measured from the "door edge (*)" and "top surface of bottom board" when drop hinges are used, and from "hinge centre (**)" and "to the surface of the bottom board" when piano or butt hinges are used.

***S = overlay coverage in case of drop hinge usage.**

Acceptable lid width and height

Acceptable Lid Width and Height for Soft Down Stay N0350



Orange area of chart provides guide to acceptable lid width and height combination. This is a guide only, check load bearing of the lid application. Chart Based on typical wooden lid of 20mm thickness.

Load bearing calculation

Firstly check lid size is within acceptable lid width/height combination - see above chart. Secondly check load bearing and value.

Check load bearing value (T)

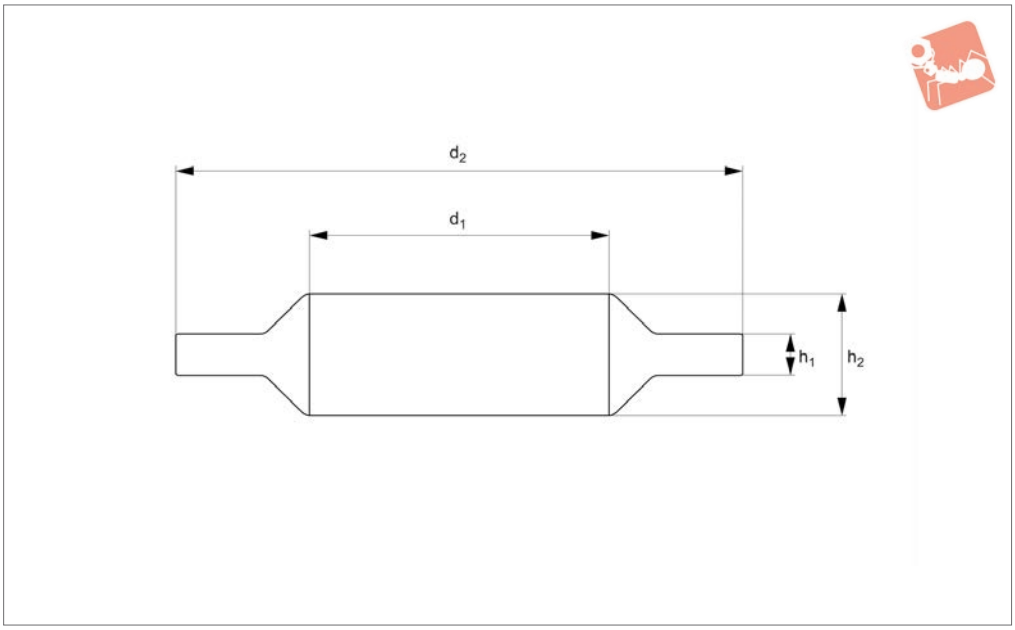
T (load bearing value of stay Kg/cm) = 1/2 door height cm x door weight Kg

Important notes: For use with relatively light weight cabinet or furniture lids. Improper application, or use on a lid not within recommended size and bearing value, may lead to stay being overcome and slamming of lid. Application must be within both the minimum and maximum load bearing value of the stay, (see product table for load bearing capacity when using stays as single or in pairs), as well as within the door weight capacity of the stay - see 'Soft Down Stays - Door Weight Range Tables' on previous pages.

Heavy Duty Soft-Opening Stays

For downward opening lid, 90° opening angle

N0420



Material

Arm: zinc alloy, steel, bright nickel finish.
Body: plastic.

Technical Notes

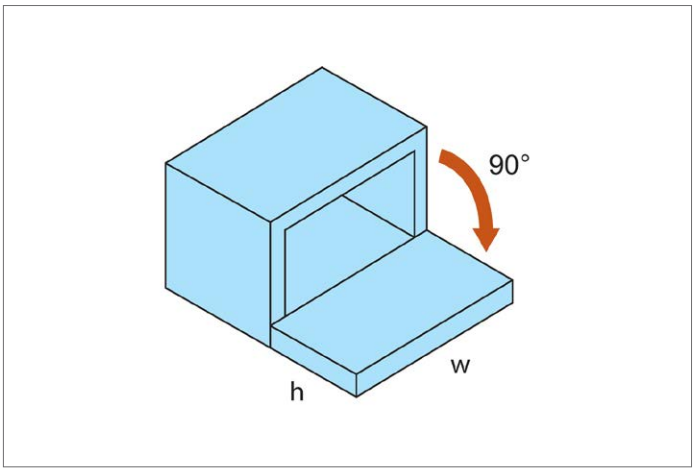
For use with lids which are downward opening, with piano, butt or drop hinges. Designed to hold door in both closed and open position. Designed to control speed at which a suitable lid opens, for smooth controlled motion. For use in pairs. Opening angle of 90°. Temperature range 0° to 40°C.

Important Notes

Improper application, or use on a lid not within recommended size and load bearing value, may lead to stay being overcome and slamming of lid.
Application must be within both the min. and max. load bearing value, stays are for use in pairs see above table.

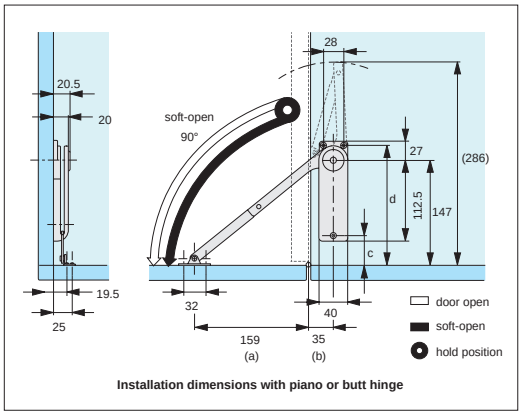
Check Load Bearing Value (T):
T (Load Bearing Value of stay Kg/ cm) = 1/2 Door Height cm x Door Weight Kg

Order No.	Type	Acceptable load bearing pair kg/cm min.|max.	Hand	Weight g
N0420.AC0020	Light Duty	140 to 200	Left	290
N0420.AC0025	Medium Duty	200 to 250	Left	290
N0420.AC0030	Heavy Duty	250 to 300	Left	310
N0420.AC0120	Light Duty	140 to 200	Right	290
N0420.AC0125	Medium Duty	200 to 250	Right	290
N0420.AC0130	Heavy Duty	250 to 300	right	310

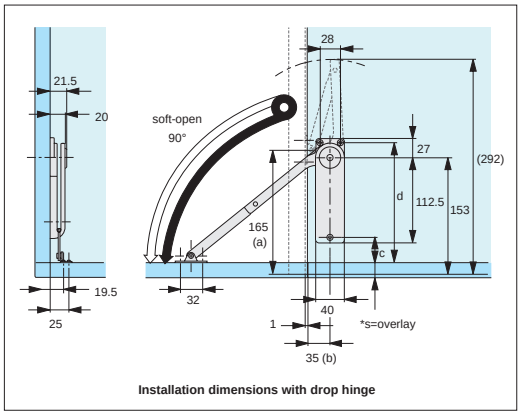


For use with lids which are downward opening, with piano, butt or drop hinges. Designed to control speed at which a suitable lid opens, for smooth controlled motion. For use in pairs. Opening angle of 90°. Temperature range 0° to 40°C. Stay has an integrated catch to hold lid in open position and a sprung elbow section which must be released prior to closing the lid - please take care not to catch fingers when handling.

Installation



Installation dimensions with piano or butt hinge



Installation dimensions with drop hinge

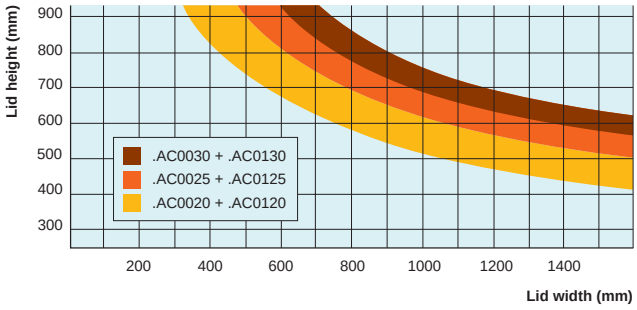
Heavy duty soft opening stay installation

Hinge type	a	b	c	d
Drop hinge	165	35	48 - S*	174 - S*
Piano/butt hinge	159	35	42	168

The distance for a, b, c (as shown in the installation diagram above) is measured from the "door edge (*)" and "top surface of bottom board" when drop hinges are used, and from "hinge centre (**)" and "to the surface of the bottom board" when piano or butt hinges are used.

***S = overlay coverage in case of drop hinge usage.**

Acceptable Lid Width and Height for Soft Down Stay N0420



Areas of chart provides guides to acceptable lid width and height combination. This is a guide only, check load bearing of the lid application. Chart based on typical wooden lid of 20mm thickness.

Acceptable lid width and height

Load bearing calculation

Firstly check lid size is within acceptable lid width/height combination - see above chart. Secondly check load bearing and value.

Check load bearing value (T)

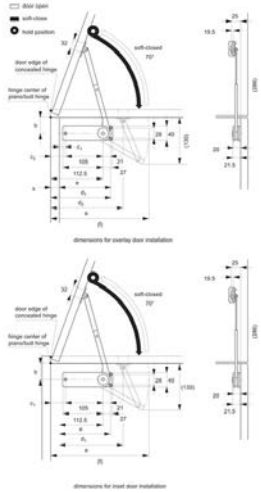
T (load bearing value of stay Kg/cm) = 1/2 door height cm x door weight Kg

Important notes: For use with relatively light weight cabinet or furniture lids. Improper application, or use on a lid not within recommended size and bearing value, may lead to stay being overcome and slamming of lid. Application must be within both the minimum and maximum load bearing value of the stay, (see product table for load bearing capacity when using stays as single or in pairs), as well as within the door weight capacity of the stay - see 'Soft Down Stays - Door Weight Range Tables' on previous pages.

Heavy Duty Soft-Close Stays

For top opening lid, 70° opening angle

N0440



Material

Arm: zinc alloy, steel, bright nickel finish.
Body: plastic.

Technical Notes

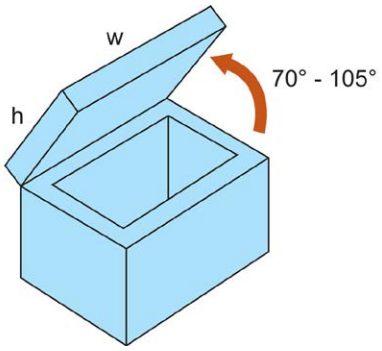
For use with lids which are top opening, with piano, butt or concealed hinges. Designed to hold door in open position. Designed to control speed at which a suitable lid closes, to prevent lid slamming shut. For use in pairs.
Opening angle of 70°. Temperature range 0° to 40°C.

Important Notes

Improper application, or use on a lid not within recommended size and load bearing value, may lead to stay being overcome and slamming of lid.
Application must be within both the min. and max. load bearing value, stays are for use in pairs see above table.

Check Load Bearing Value (T):
t (Load Bearing Value of stay Kg/cm) = 1/2 Door Height cm x Door Weight Kg.

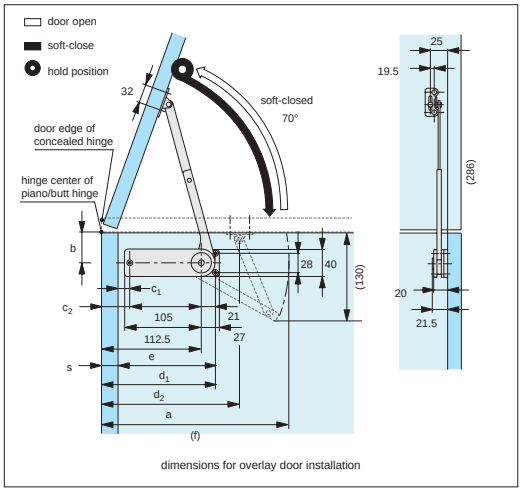
Order No.	Type	Acceptable load bearing pair kg/cm min.|max.	Hand	Weight g
N0440.AC0020	Light Duty	140 to 200	Left	280
N0440.AC0025	Medium Duty	200 to 250	Left	290
N0440.AC0030	Heavy Duty	250 to 300	Left	310
N0440.AC0120	Light Duty	140 to 200	Right	280
N0440.AC0125	Medium Duty	200 to 250	Right	290
N0440.AC0130	Heavy Duty	250 to 300	Right	310

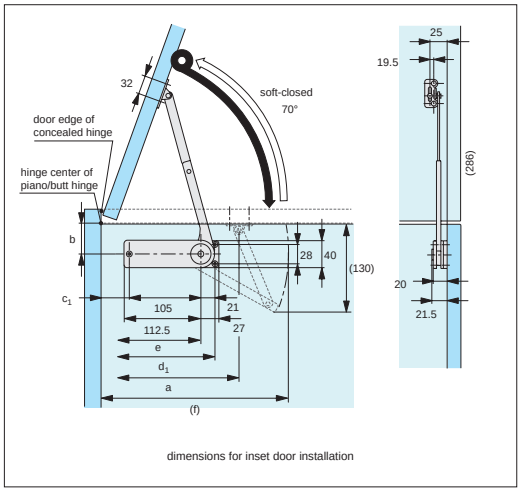


For use with lids which are top opening, with piano, butt or drop hinges. Designed to control speed at which a suitable lid closes and hence prevent lid slamming shut . Opening angle of 70°. Temperature range of 0° to 40°C. Stay has integrated catch to hold lid in open position and a sprung elbow section which must be released prior to closing the lid - please take care not to catch fingers when handling.

Installation

Heavy duty soft closing stay installation





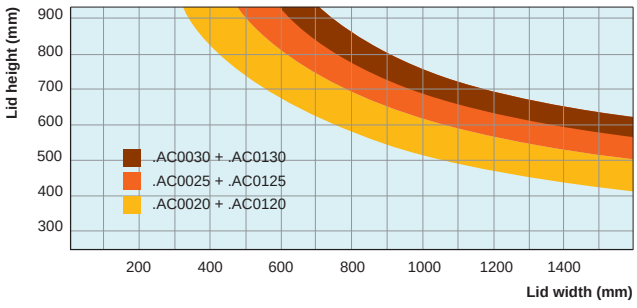
Hinge type	a	b	c	d	c_1	d_1	e	f
Drop hinge	198,5	45	42-S*	168-S*	-	-	145	283,5
Piano/butt hinge	198,5	45	-	-	41	167	142,5	281,0

Hinge type	a	b	c	d	e	f
Drop hinge	203	45	46	172	151	286
Piano/butt hinge	190	45	33	159	138	273

The distance for a, b, c (as shown in the installation diagram above) is measured from the “door edge (*)” and “top surface of bottom board” when drop hinges are used, and from “hinge centre (**)” and “to the surface of the bottom board” when piano or butt hinges are used.

Acceptable lid width and height and installation table

Acceptable Lid Width and Height for Soft Down Stay N0440



Areas of chart provides guides to acceptable lid width and height combination. This is a guide only, check load bearing of the lid application. Chart based on typical wooden lid of 20mm thickness.

Load bearing calculation

Firstly check lid size is within acceptable lid width/height combination - see above chart. Secondly check load bearing and value.

Check load bearing value (T)

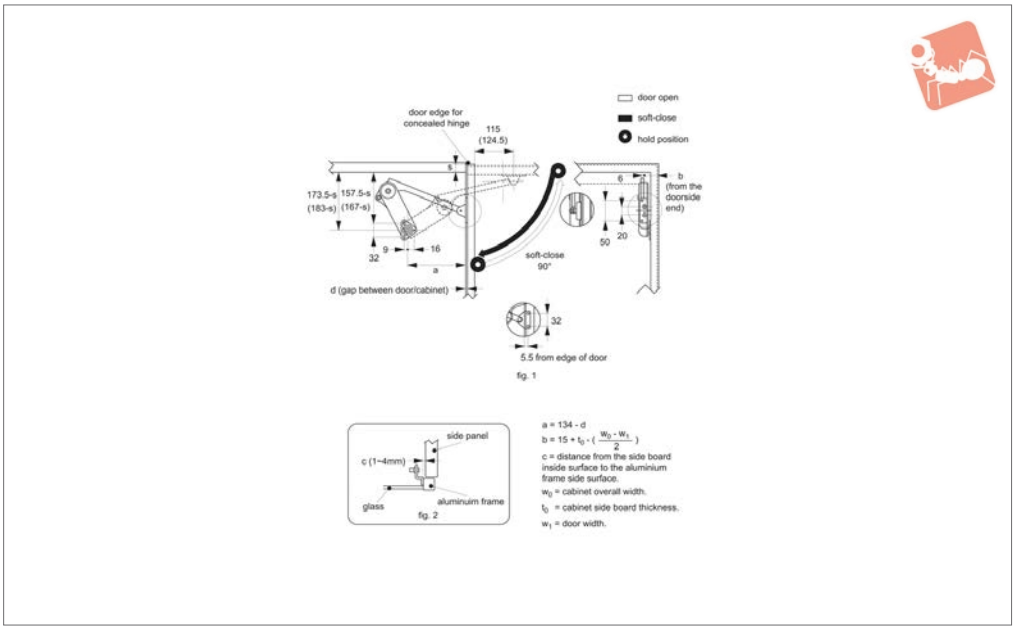
T (load bearing value of stay Kg/cm) = 1/2 door height cm x door weight Kg

Important notes: For use with relatively light weight cabinet or furniture lids. Improper application, or use on a lid not within recommended size and bearing value, may lead to stay being overcome and slamming of lid. Application must be within both the minimum and maximum load bearing value of the stay, (see product table for load bearing capacity when using stays as single or in pairs), as well as within the door weight capacity of the stay - see ‘Soft Down Stays - Door Weight Range Tables’ on previous pages.

Heavy Duty Soft-Close Stays

For upward opening lid, 90° opening angle

N0460



Material

Arm: zinc alloy, steel, bright nickel finish.
Body: plastic.

Technical Notes

For use with lids which are upward opening, with concealed hinges. Designed to hold door in both closed and open position.
Designed to control speed at which a suitable lid closes, to prevent lid slamming shut. For use in pairs.
Opening angle up to 90°. Temperature range 0° to 40°C.

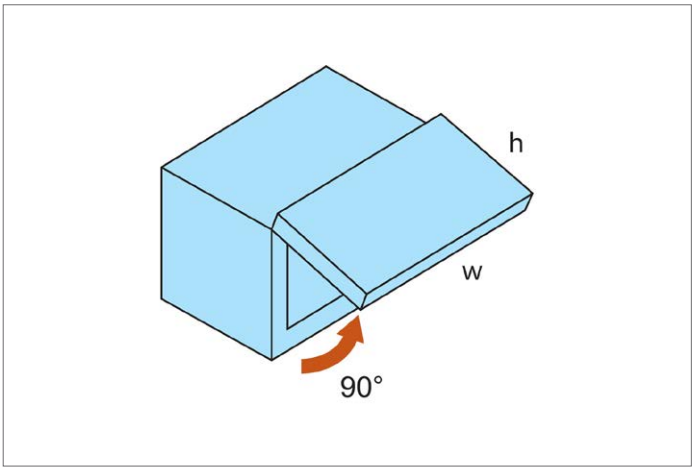
Important Notes

Improper application, or use on a lid not within recommended size and load bearing value, may lead to stay being overcome and slamming of lid. Application must be within both the min. and max. load bearing value, stays are for use in pairs see above table.
Order mounting plate separately.

Check Load Bearing Value (T):
T (Load Bearing Value of stay Kg/cm) = 1/2 Door Height cm x Door Weight Kg

Order No.	Type	Hand
N0460.AC0017	Light Duty	Left
N0460.AC0021	Medium Duty	Left
N0460.AC0025	Heavy Duty	Left
N0460.AC0030	Super Duty	Left
N0460.AC0117	Light Duty	Right
N0460.AC0121	Medium Duty	Right
N0460.AC0125	Heavy Duty	Right
N0460.AC0130	Super Duty	Right
N0460.AC0920	Mounting Plate - 20 mm wide alu. frame	Both
N0460.AC0945	Mounting Plate - 45 mm wide wood or alu. frame	Both

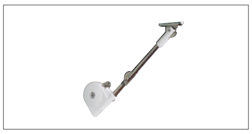
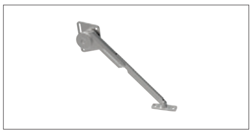
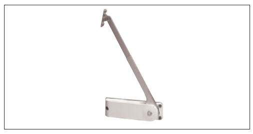
Order No.	Acceptable load bearing pair 90° opening angle kg/cm min.|max.	Acceptable load bearing pair 80° opening angle kg/cm min.|max.
N0460.AC0017	140 to 179	140 to 199
N0460.AC0021	180 to 219	200 to 249
N0460.AC0025	220 to 259	250 to 299
N0460.AC0030	260 to 300	300 to 350
N0460.AC0117	140 to 179	140 to 199
N0460.AC0121	180 to 219	200 to 249
N0460.AC0125	220 to 259	250 to 299
N0460.AC0130	260 to 300	300 to 350
N0460.AC0920	-	-
N0460.AC0945	-	-


h
w
90°

Soft Down Stays

Wixroyd soft down stays provide smooth opening and closing systems, via their integrated dampening device. For use with relatively light weight cabinet or furniture lids.

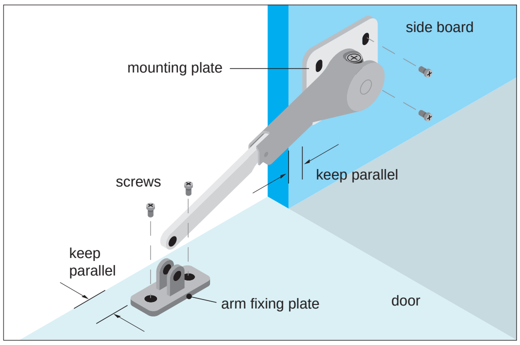
Application must be within both the minimum and maximum load bearing value of the stay, (see specific product information), as well as within the door weight capacity of the stay - See 'Soft Down Stays - Door Weight Range Tables' on following pages.

Opening type

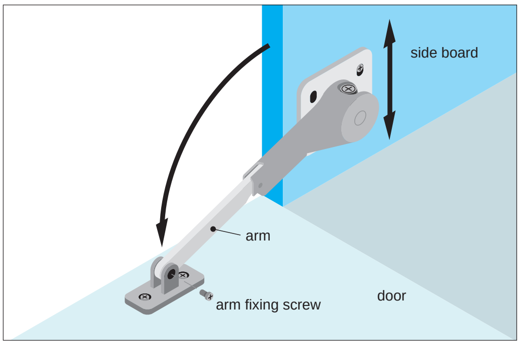
Warning: This product has dampening function, and is designed for a relatively lightweight cabinet or furniture door. We will not be liable for any injuries or damage due to improper application or use on a door that is not within proper load bearing and weight range. This product is designed to operate at room temperatures between 0° and 40°C (32° and 104°F).

This product has a spring at the elbow section. Please be careful NOT TO GET YOUR FINGERS CAUGHT in the elbow of the product while you are handling the unit. Do not force the door to close faster, it can cause damage to the product or hinge(s). Dimensions and specification can be changed with or without notice.



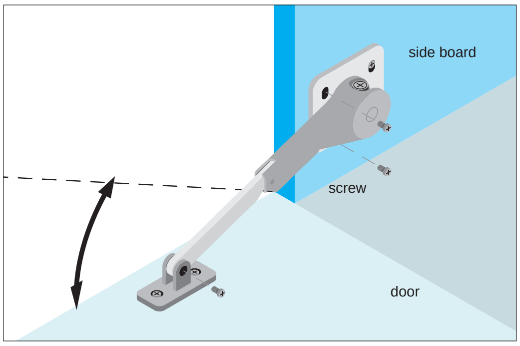
Step 1

Mount the arm fixing plate on the back of the door with screws. Place the mounting plate on the side board, slotted oblong holes must be placed towards the bottom of the cabinet. Put the screws into the slots and fasten temporarily.



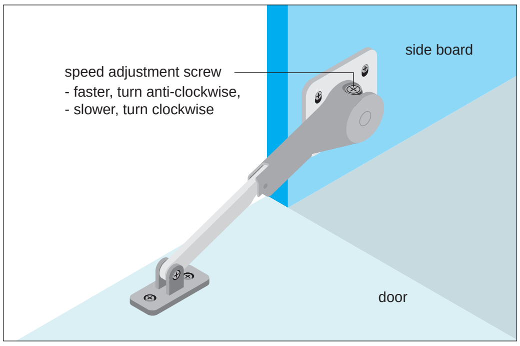
Step 2

Rotate the body to align arm into the slot of arm fixing plate, and fasten with the arm fixing screw. To adjust the opening angle of the door, loosen the screws in the slots of the mounting plate, and adjust the position.



Step 3

Upon completing step 2, fasten the remaining screws in the slots of the mounting plate. If hole(s) are covered by the unit body, open and close the door, the holes should become exposed for adjustment.



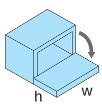
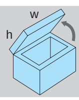
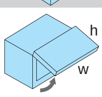
Speed adjustment

Upon completion of installation, make sure the door opens and closes properly. To adjust the closing speed of the door, turn the speed adjustment screws. In case 2 units (left and right) are used, the speed adjustment screws must be turned evenly. Do not try to turn the speed adjustment screws exceeding their limitation.

Opening angle table

h = door height from pivot point to edge of lid (cm)

w = door width (cm)

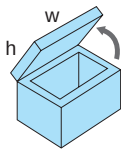
Application	Example	Hinge type used	Suitable soft-down stay	Opening angle
Downward opening lid		Butt hinge Drop hinge Concealed hinge	N0060 N0070 N0100 N0420	90°
Topopening lid		Butt hinge Drop hinge Concealed hinge	N0080 N0200 N0440	70°/105° 70°/105° 70°
Upwardopening lid		Butt hinge Drop hinge Concealed hinge	N0080 N0350 N0460	80°/90°/100° 80°/90°/100° 80°

	Mounting			Lid Orientation			Soft Action		Material		Heavy Duty	Acceptable load bearing Single* (min-max) Kg.cm	Acceptable load bearing Pair* (min-max) Kg.cm	Max Angle
	Right	Left	Universal	Upward	Top (box lid)	Downward	Soft Opening	Soft Closing	Steel	Stainless Steel				
N0060 			✓			✓	✓		✓			0,5-12	10-12	90°
N0070 			✓			✓	✓		✓			35-50	70-100	90°
N0080 			✓	✓				✓	✓	✓		40-70	80-140	80°-100°
N0100 	✓	✓				✓	✓		✓			16-70	32-140	90°
N0200 	✓	✓			✓			✓	✓			20-70	40-140	70°-105°
N0350 	✓	✓		✓				✓	✓			20-70	40-140	80°-100°
N0420 	✓	✓				✓	✓		✓		✓	N/A	140-300	90°
N0440 	✓	✓			✓			✓	✓		✓	N/A	140-300	70°
N0460 	✓	✓		✓				✓	✓		✓	N/A	140-350	90°

*** Please note acceptable lid width and height of each stay prior to seleciton. Please refer to individual product details.**

T Load Bearing Value of Stay (Kg.cm) = 1/2 Door Height (cm) x Door weight (Kg)

Soft Down Stays
Door Weight Range Table



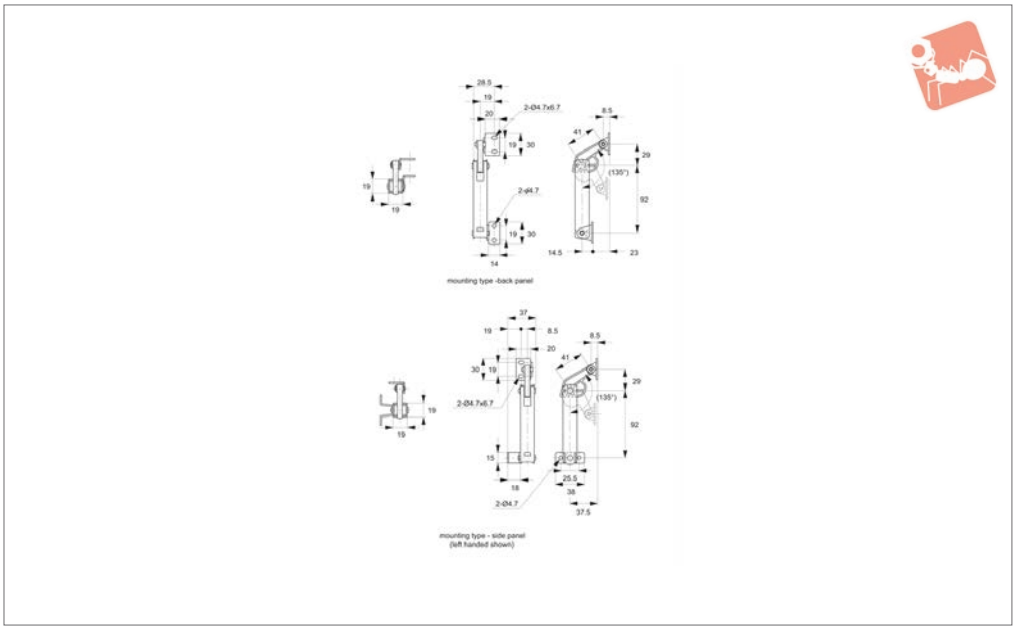
Wixroyd soft down stays provide smooth opening and closing systems, via their integrated dampening device. Doors and lids can be closed slowly and softly, eliminating the slamming of doors or damage to fingers.

The table below gives approximate acceptable door weight range for our soft down stays (acceptable Kg/pair min. and max. range per stay).

The application must be within both the min. and max. door weight range, as well as within the stated door heights, as shown in the table.

		Door height (cm)																				
		15.2	17.8	20.3	22.9	25.4	27.9	30.5	33	35.6	38.1	40.6	43.2	45.7	48.3	50.8	53.3	55.9	58.4	61	63.5	66
N0060	Kg/pair min.	1.3	1.1	1.0	0.9	0.8	0.7	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kg/Pair max.	3.1	2.7	2.4	2.1	1.9	1.7	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0070	Kg/pair min.	-	-	6.8	6.0	5.4	4.9	4.5	4.2	3.9	3.6	3.4	3.2	3.0	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.1
	Kg/pair max.	-	-	9.8	8.7	7.8	7.1	6.5	6.0	5.6	5.2	4.9	4.6	4.4	4.1	3.9	3.7	3.5	3.4	3.3	3.1	3.0
N0080	Kg/pair min.	-	-	7.9	7.1	6.4	5.8	5.3	4.9	4.5	4.2	4.0	3.7	3.5	3.4	3.2	3.0	2.9	2.8	2.6	2.5	2.4
	Kg/pair max.	-	-	13.6	12.1	10.9	9.9	9.1	8.4	7.8	7.3	6.8	6.4	6.0	5.7	5.4	5.2	4.9	4.7	4.5	4.4	4.2
N0100/N0200/ N0350	Kg/pair min.	-	-	3.3	3.8	3.4	3.1	2.9	2.6	2.4	2.3	2.2	2.0	1.9	1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.3
	Kg/pair max.	-	-	13.6	12.1	10.9	9.9	9.1	8.4	7.8	7.3	6.8	6.4	6.0	5.7	5.4	5.2	4.9	4.7	4.5	4.4	4.2
N0420.AC0020/ N0420.AC0120	Kg/pair min.	-	-	13.7	12.2	11.0	10.0	9.2	8.4	7.8	7.3	6.8	6.4	6.1	5.8	5.5	5.2	5.0	4.8	4.6	4.4	4.2
	Kg/pair max.	-	-	19.6	17.4	15.7	14.3	13.1	12.1	11.2	10.5	9.8	9.3	8.7	8.3	7.8	7.5	7.1	6.8	6.5	6.3	6.0
N0420.AC0025/ N0420.AC0125	Kg/pair min.	-	-	19.6	17.4	15.7	14.3	13.1	12.1	11.2	10.5	9.8	9.3	8.7	8.3	7.8	7.5	7.1	6.8	6.5	6.3	6.0
	Kg/pair max.	-	-	24.5	21.8	19.6	17.8	16.3	15.1	14.0	13.1	12.2	11.5	10.9	10.3	9.8	9.3	8.9	8.5	8.2	7.8	7.5
N0420.AC0030/ N0420.AC0130	Kg/pair min.	-	-	24.5	21.8	19.6	17.8	16.3	15.1	14.0	13.1	12.2	11.5	10.9	10.3	9.8	9.3	8.9	8.5	8.2	7.8	7.5
	Kg/pair max.	-	-	29.5	26.2	23.6	21.5	19.6	18.1	16.8	15.7	14.7	13.9	13.1	12.4	11.8	11.2	10.7	10.3	9.8	9.4	9.1
N0460.AC0017/ N0460.AC0117 at 90° angle	Kg/pair min.	-	-	13.8	12.3	11.1	10.1	9.2	8.5	7.9	7.4	6.9	6.5	6.2	5.8	5.5	5.3	5.0	4.8	4.6	4.4	4.3
	Kg/pair max.	-	-	17.6	15.6	14.1	12.8	11.7	10.8	10.0	9.4	8.8	8.3	7.8	7.4	7.0	6.7	6.4	6.1	5.9	5.6	5.4
N0460.AC0017/ N0460.AC0117 at 80° angle	Kg/pair min.	-	-	13.8	12.3	11.1	10.1	9.2	8.5	7.9	7.4	6.9	6.5	6.2	5.8	5.5	5.3	5.0	4.8	4.6	4.4	4.3
	Kg/pair max.	-	-	19.6	17.4	15.7	14.3	13.1	12.1	11.2	10.5	9.8	9.3	8.7	8.3	7.8	7.5	7.1	6.8	6.5	6.3	6.0
N0460.AC0021/ N0460.AC0121 at 90° angle	Kg/pair min.	-	-	17.7	15.7	14.2	12.9	11.8	10.9	10.1	9.4	8.8	8.3	7.8	7.4	7.1	6.8	6.4	6.2	5.9	5.7	5.4
	Kg/pair max.	-	-	21.5	19.1	17.2	15.6	14.4	13.2	12.3	11.5	10.8	10.2	9.6	9.1	8.6	8.2	7.8	7.5	7.2	6.9	6.6
N0460.AC0021/ N0460.AC0121 at 80° angle	Kg/pair min.	-	-	19.1	17.6	15.8	14.3	13.2	12.2	11.3	10.5	9.9	9.3	8.8	8.3	7.9	7.5	7.2	6.8	6.6	6.3	6.1
	Kg/pair max.	-	-	24.5	21.8	19.6	17.8	16.3	15.1	14.0	13.1	12.2	11.5	10.9	10.3	9.8	9.3	8.9	8.5	8.2	7.8	7.5
N0460.AC0025/ N0460.AC0125 at 90° angle	Kg/pair min.	-	-	21.7	19.2	17.3	15.7	14.4	13.3	12.4	11.6	10.8	10.2	9.6	9.1	8.7	8.3	7.9	7.5	7.2	6.9	6.7
	Kg/pair max.	-	-	25.5	22.7	20.4	18.6	17.0	15.7	14.6	13.6	12.7	12.0	11.3	10.8	10.2	9.7	9.3	8.9	8.5	8.2	7.8
N0460.AC0025/ N0460.AC0125 at 80° angle	Kg/pair min.	-	-	24.6	21.9	19.7	17.9	16.4	15.1	14.1	13.1	12.3	11.6	10.9	10.3	9.8	9.4	8.9	8.6	8.2	7.9	7.6
	Kg/pair max.	-	-	29.5	26.2	23.6	21.5	19.6	18.1	16.8	15.7	14.7	13.9	13.1	12.4	11.8	11.2	10.7	10.3	9.8	9.4	9.1
N0460.AC0030/ N0460.AC0130 at 90° angle	Kg/pair min.	-	-	25.6	22.8	20.5	18.6	17.1	15.8	14.7	13.7	12.8	12.1	11.4	10.8	10.3	9.8	9.3	8.9	8.5	8.2	7.9
	Kg/pair max.	-	-	29.5	26.2	23.6	21.5	19.6	18.1	16.8	15.7	14.7	13.9	13.1	12.4	11.8	11.2	10.7	10.3	9.8	9.4	9.1
N0460.AC0030/ N0460.AC0130 at 80° angle	Kg/pair min.	-	-	29.6	26.3	23.7	21.5	19.7	18.2	16.9	15.8	14.8	13.9	13.2	12.5	11.8	11.3	10.8	10.3	9.9	9.5	9.1
	Kg/pair max.	-	-	34.4	30.5	27.5	25.0	22.9	21.1	19.6	18.3	17.2	16.1	15.3	14.5	13.7	13.1	12.5	11.9	11.5	11.0	10.6

Note: Door weight ranges calculated based on centre of gravity point at the middle of door/lid. For complete accuracy follow the torque calculation information on the specific product pages.



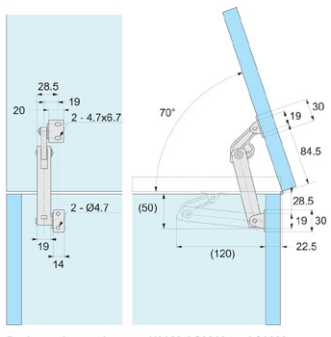
N0020

Material
Body: stainless steel, AISI 304.
Arm: polyacetal

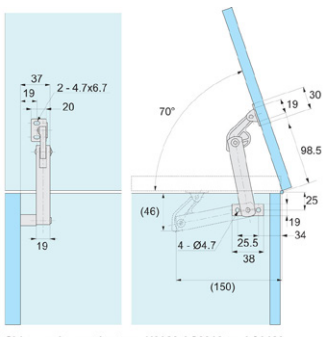
Technical Notes
Spring mechanism assists lifting of lid, and holds lid in open position. Mounting possible via side mounting (right or left) or via mounting to back panel of lid/frame.

Tips
Suitable for light/medium duty applications, refer to max. torque values.
Check Max. Torque (T):
t (Max. Torque Valve of Stay Kg/cm) = 1/2 Door Height cm x Door Weight Kg.

Order No.	Hand	Mounting type	Spring tension	Torque kg/cm max.	Weight g
N0020.AC0010	Right	Side	Soft	30	118
N0020.AC0020	Right	Side	Hard	40	118
N0020.AC0110	Left	Side	Soft	30	118
N0020.AC0120	Left	Side	Hard	40	118
N0020.AC0210	Non-handed	Back Panel	Soft	30	118
N0020.AC0220	Non-handed	Back Panel	Hard	40	118



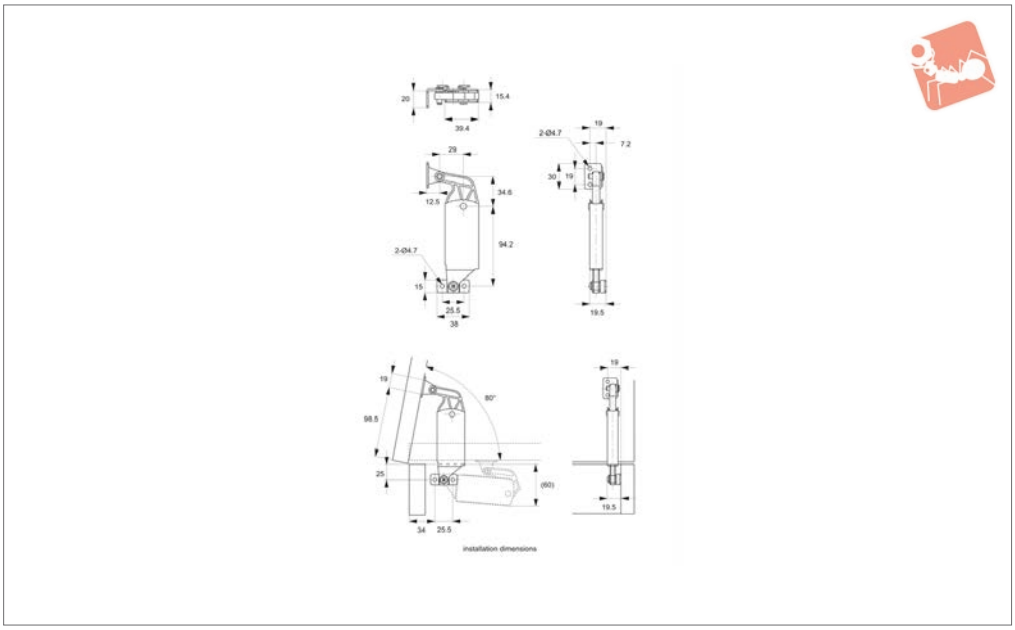
Back panel mounting type N0020.AC0210 to .AC0220



Side panel mounting type N0020.AC0010 to .AC0120

Spring Loaded Lid Stay
heavy duty - side mounting

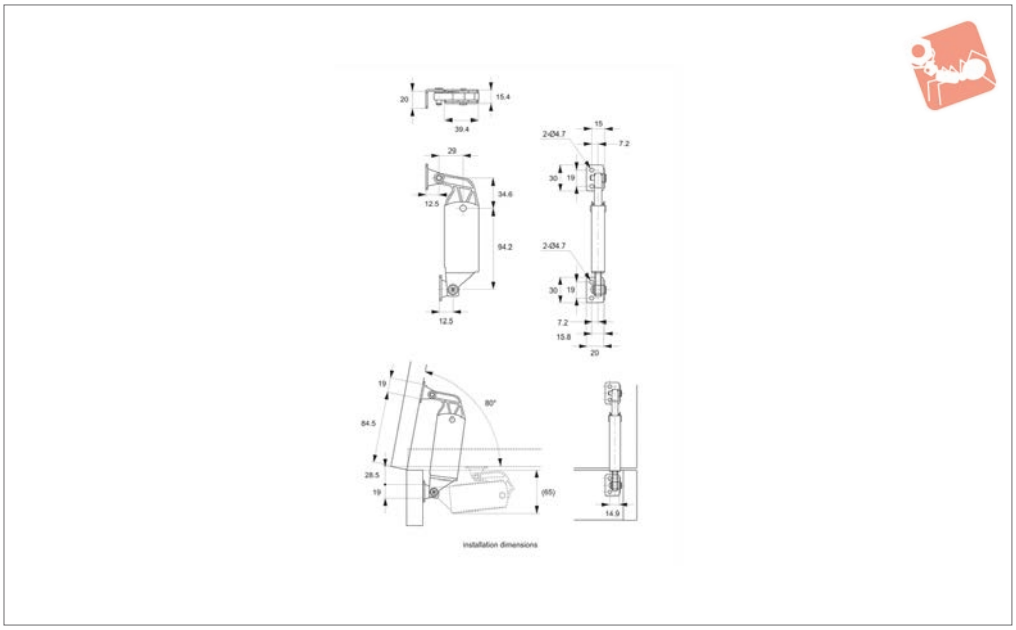
N0024



Material
Body: stainless steel, AISI 430.
Arm: polyacetal.

Technical Notes
Non-handed, for mounting on left or right panel. Can be installed individually or in pairs.

Order No.	Torque per piece kgf/cm max.	Lift assist angle
N0024.AC0090	90	10° - 80°
N0024.AC0120	120	10° - 80°



N0026

Material
Body: stainless steel, AISI 430.
Arm: polyacetal.

Technical Notes
Non-handed, for mounting on left or right panel. Can be installed individually or in pairs.

Order No.	Torque per piece kgf/cm max.	Lift assist angle
N0026.AC0090	90	10° - 80°
N0026.AC0120	120	10° - 80°

Wixroyd Lid Stays

product selection charts

	Mounting			Lid Orientation			Stop Type	Material		Heavy Duty	Max Load Per Single Piece Kg.cm	Retracted Length mm	Max. Length Extended mm	Max Angle
	Right	Left	Universal	Upward	Top (box lid)	Downward		Steel	Stainless Steel					
N0020 	✓	✓		✓			Spring Loaded		✓		30-40	120	151	70°
N0024 			✓	✓			Spring Loaded		✓		90-120	125	158	80°
N0026 			✓	✓			Spring Loaded		✓		90-120	125	158	80°
N0500 			✓	✓			Ratchet		✓		15	148-205	195-290	75-120°
N0550 			✓	✓			Ratchet		✓	✓	20-30	163-305	200-500	80°
N0600 	✓	✓		✓			Multi-stop		✓	✓	70	230-280	350-450	90°
N0620 			✓	✓			Ratchet		✓		15	153	215	90°
N0640 			✓	✓			Mechanical Lock-Pull Release		✓		30	133-170	195-270	90°