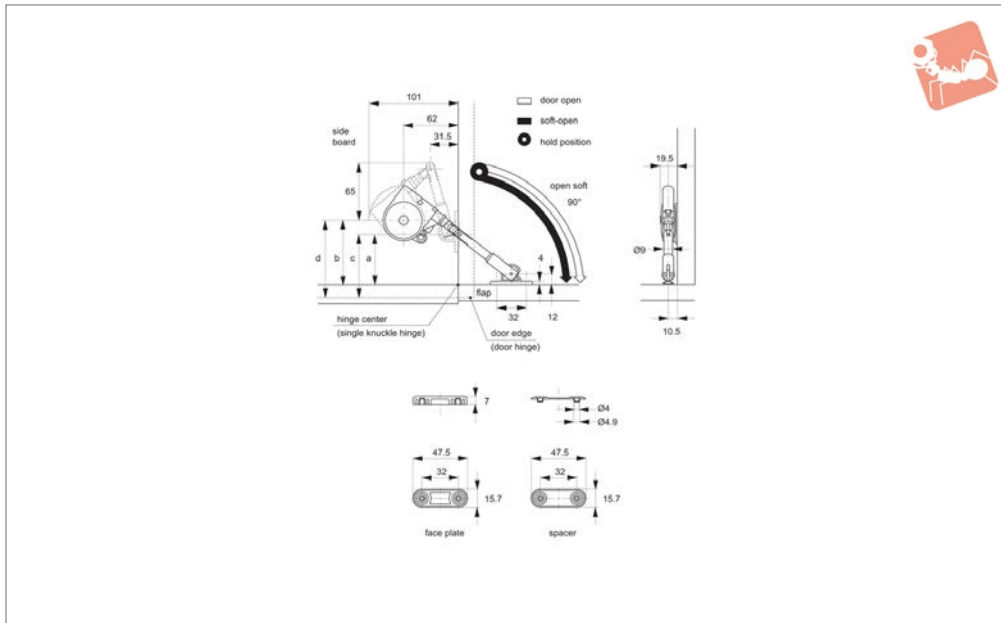




Short Arm Soft-Opening Stays - for 90° opening angle - for TV/DVD and Hi-fi Cabinets

Soft & Spring Stays



N0060

SOFT & SPRING STAYS

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.

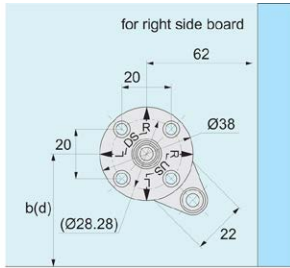
Important Notes

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.

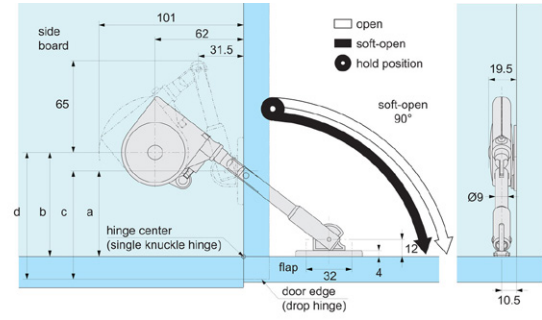
Check Load Bearing Value (T):

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



Mounting plate installation

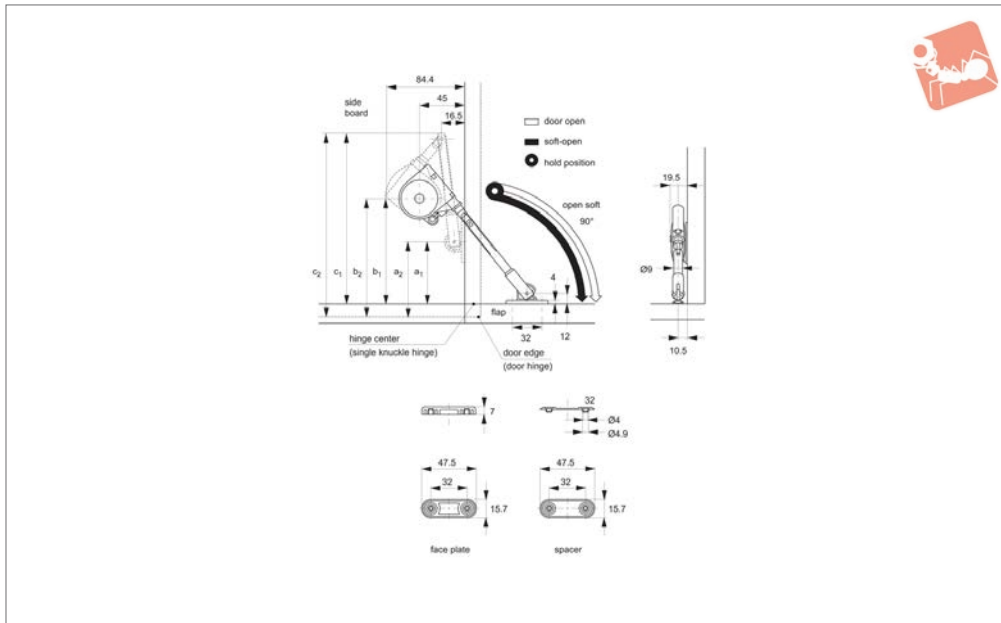


Soft down stay installation



Soft-Opening Stays - for Downward 90° opening angle

Soft & Spring Stays



N0070

SOFT & SPRING STAYS

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.

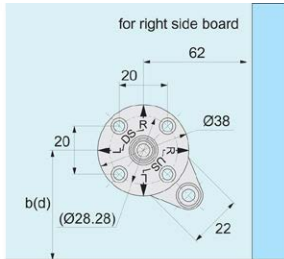
Important Notes

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.

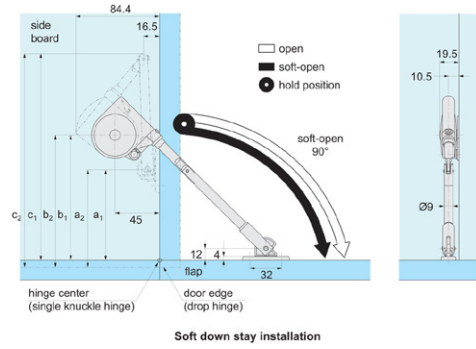
Check Load Bearing Value (T):

$$T \text{ (Load Bearing Value of stay Kg/cm) } = \frac{1}{2} \text{ Door Height cm x Door Weight Kg.}$$

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



Mounting plate installation



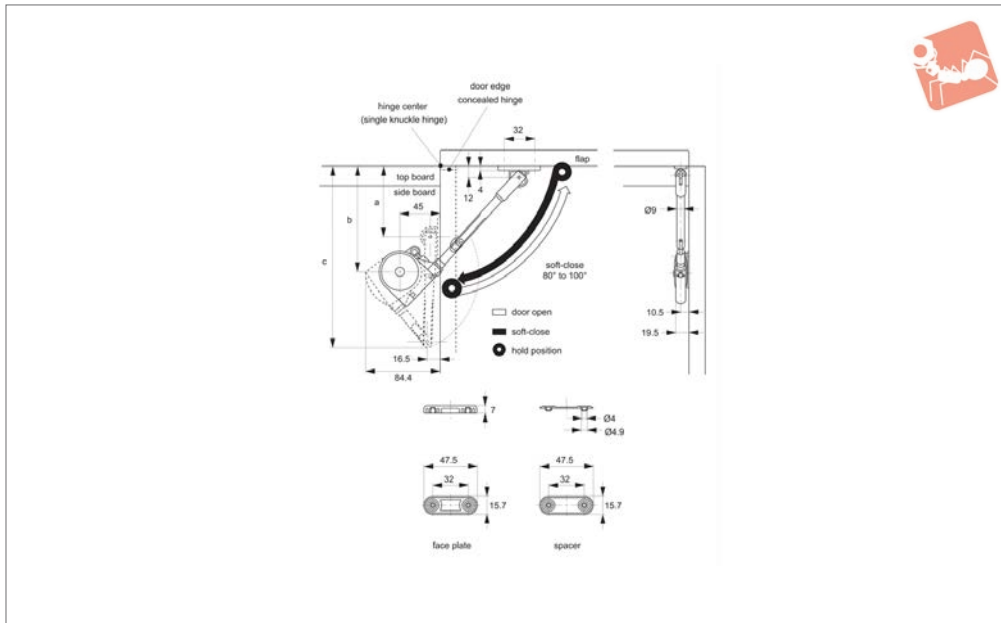
Soft down stay installation



Soft-Closing Stays - for Top Opening

80° to 100° opening angle

Soft & Spring Stays



N0080

SOFT & SPRING STAYS

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.

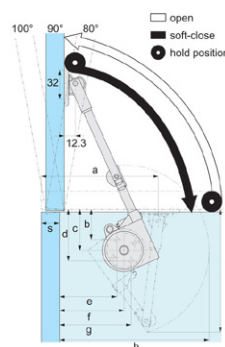
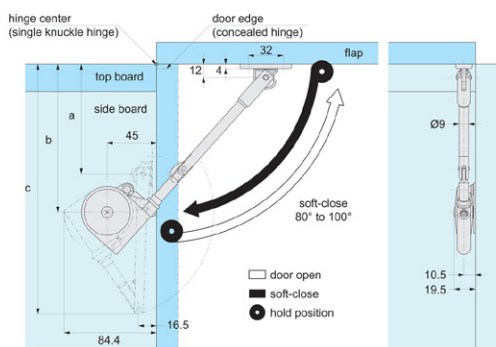
Important Notes

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) :

$$T \text{ (Load Bearing Value of stay Kg/ cm) } = \frac{1}{2} \text{ Door Height cm x Door Weight Kg}$$

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





Installation Instructions for Soft Closing Stay

N0080
Stays

1 for right side board

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

Top opening installation

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

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

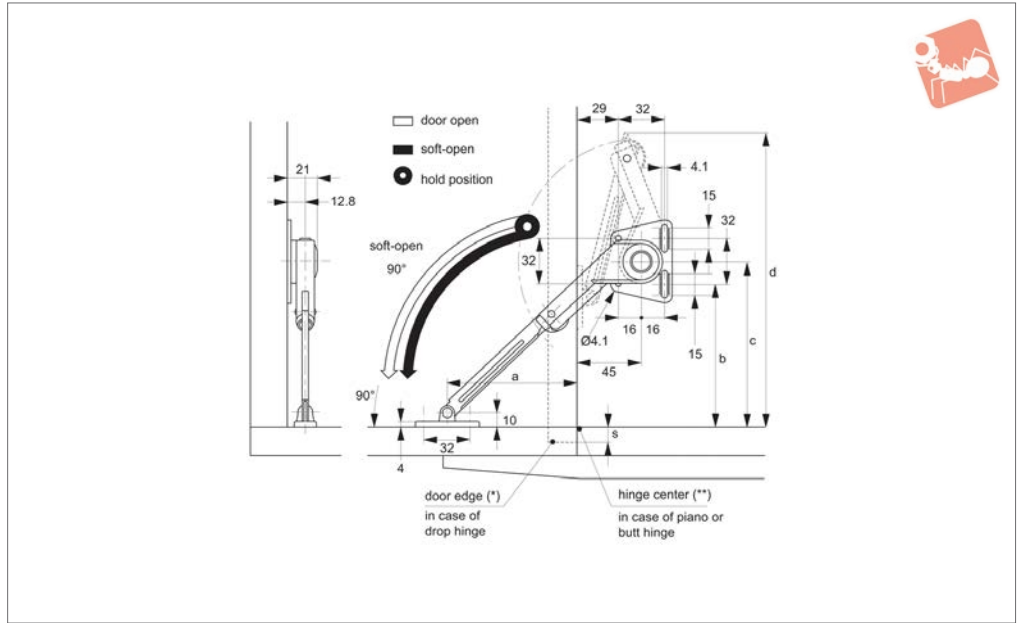
4 for right side board

SOFT & SPRING STAYS

ov-WN0080-A-T-installation-instructions-for-soft-stays-rmh- Updated -24-10-2022



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:

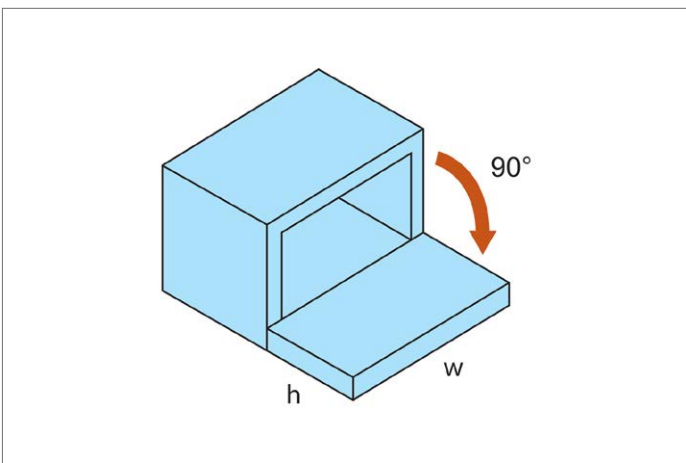
a) Max 35cm wide
AND

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

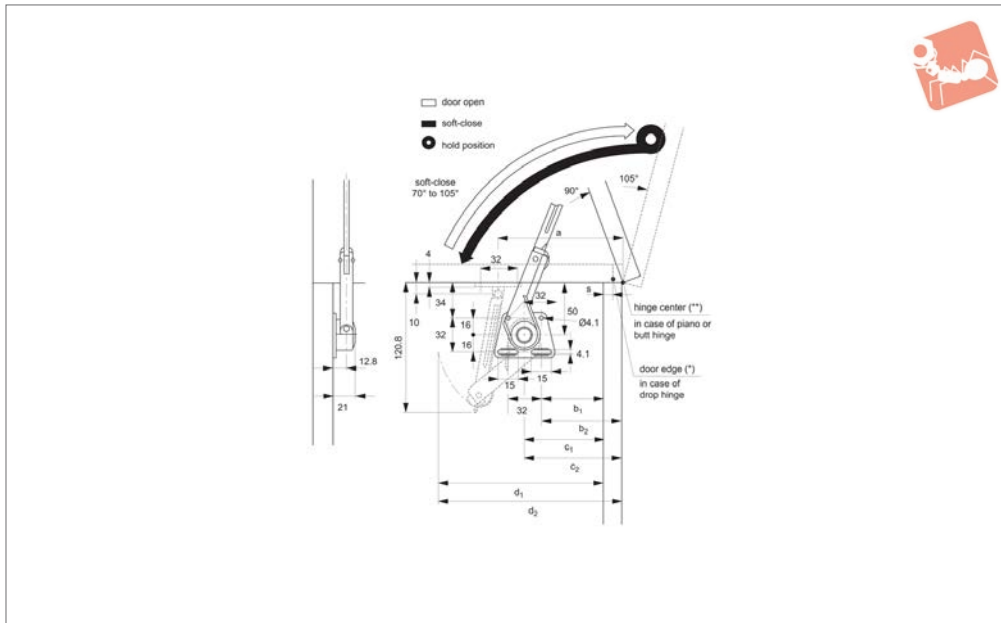




Soft-Closing Stays - for Top Opening

70° - 105° opening angle

Soft & Spring Stays



N0200

SOFT & SPRING STAYS

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

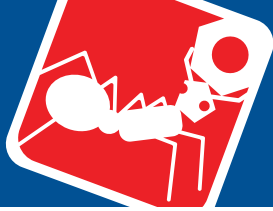
If using only one stay-

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.

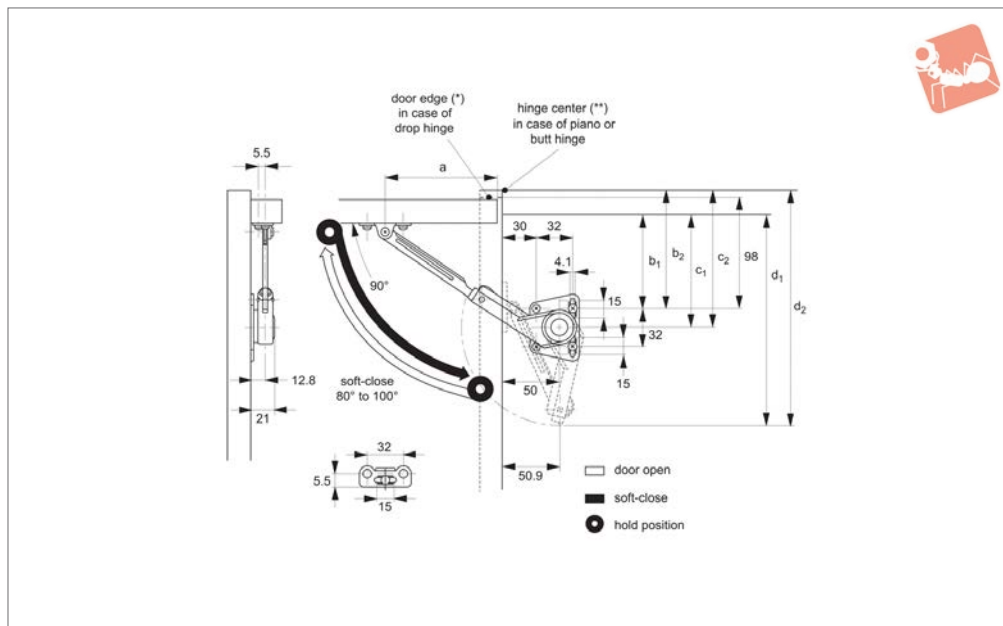
Order No.	Type	Acceptable load bearing single kg/cm min. max.	Acceptable load bearing pair kg/cm min. max.	Weight g
N0200.AC0010	Left	20 - 70	40 - 140	210
N0200.AC0110	Right	20 - 70	40 - 140	210



Soft-Closing Stays - for Upward

80° - 100° opening angle

Soft & Spring Stays



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

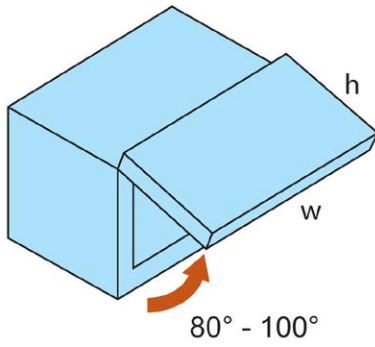
If using only one stay-

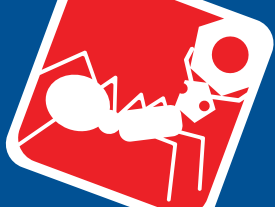
Acceptable load bearing (T) between min. 20 to max 70 Kg/cm.

If using two stays-

Acceptable load bearing (T) between min. 40 to max 140 Kg/cm.

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





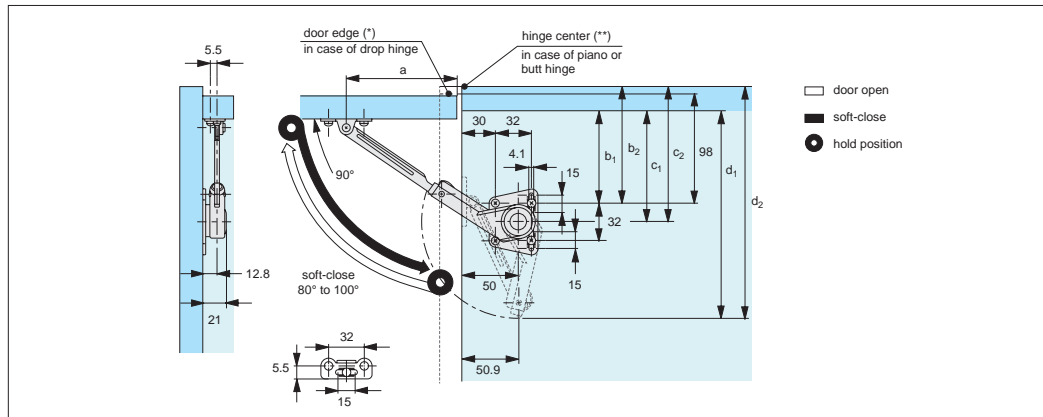
Installation Instructions for Soft Closing Stay

N0350
Stays

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.

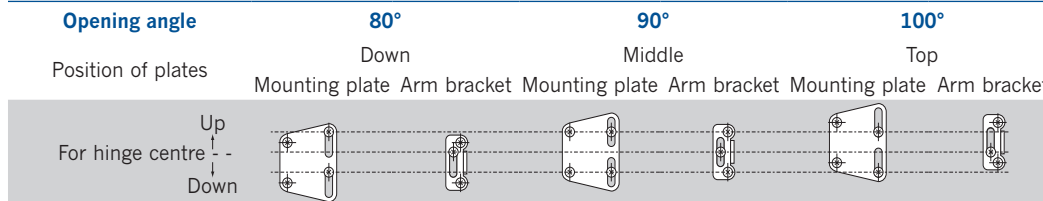
Stay has integrated catch to hold lid in open and closed position. Stay has a sprung elbow section which must be released prior to closing lid - please take care not to catch fingers when handling.

Installation



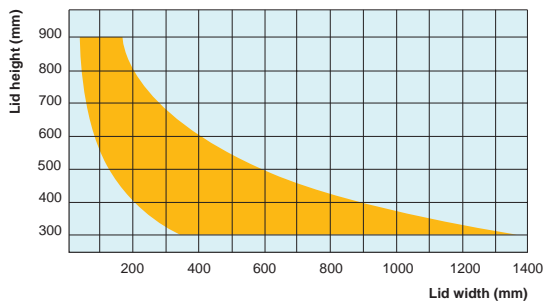
Soft opening stay installation

Hinge type	a	b ₁	c ₁	d ₁	b ₂	c ₂	d ₂
Drop hinge	99	98 - S*	114 - S*	200 - S*	-	-	-
Piano/butt hinge	93	-	-	-	92	108	194



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 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.

Acceptable lid width and height

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)

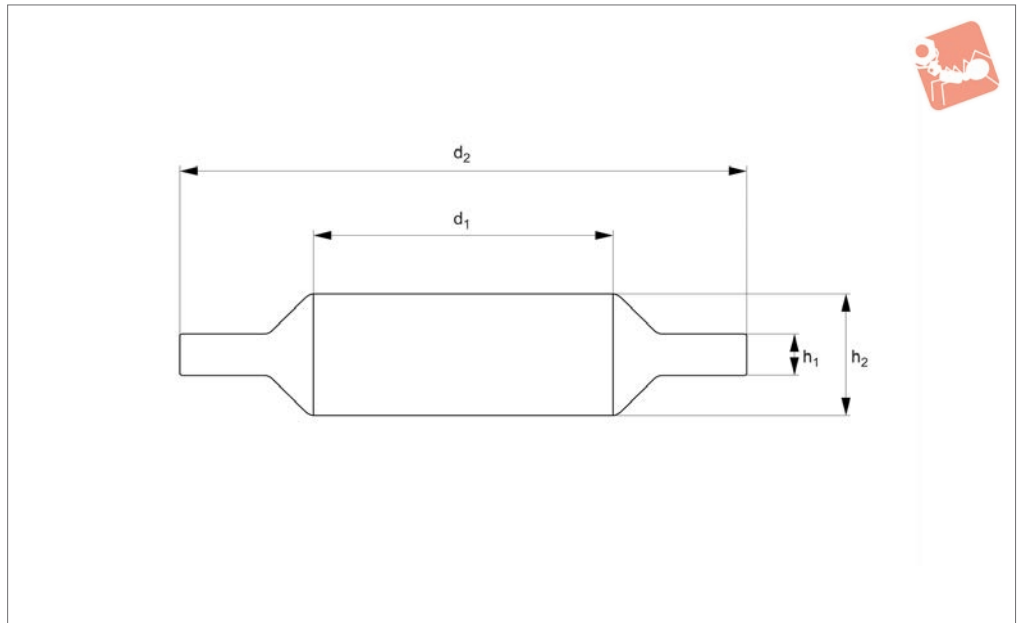
$$T \text{ (load bearing value of stay Kg/cm)} = 1/2 \text{ door height cm} \times \text{door weight Kg}$$

Load bearing calculation

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.



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

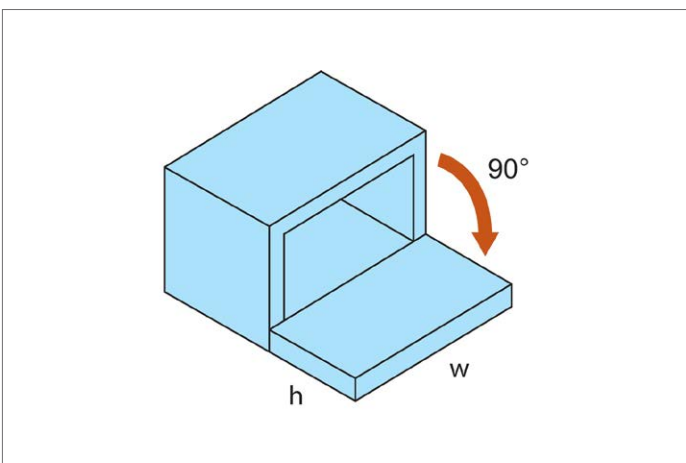
and slamming of lid.

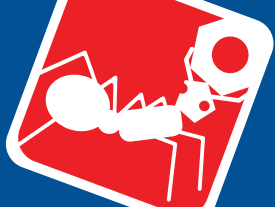
Application must be within both the min. and max. load bearing value, stays are for use in pairs see above table.

Check Load Bearing Value (T):

$$T \text{ (Load Bearing Value of stay Kg/cm)} = \frac{1}{2} \text{ Door Height cm} \times \text{Door Weight Kg}$$

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





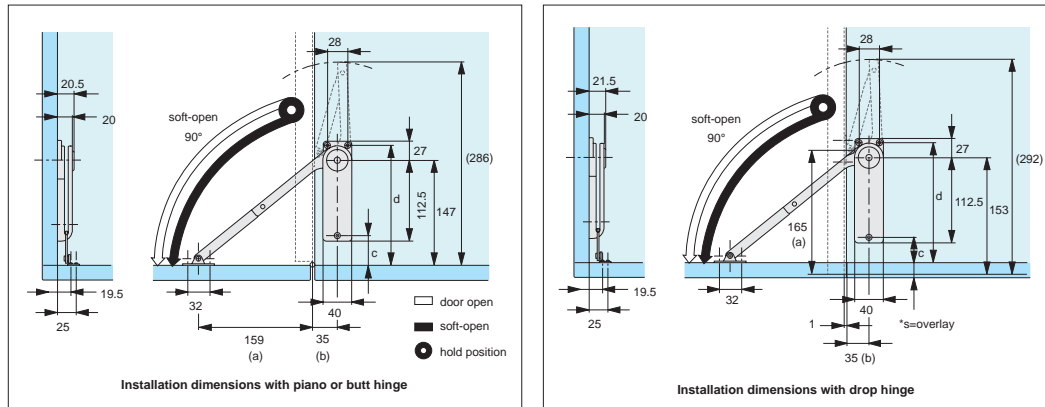
Installation Instructions

for heavy duty soft opening stay

N0420
Stays

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



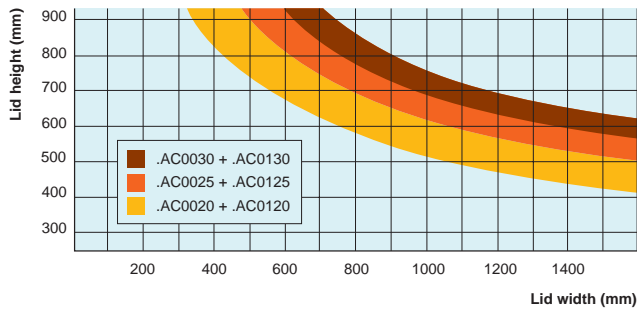
Heavy duty soft opening stay installation

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

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

Load bearing calculation

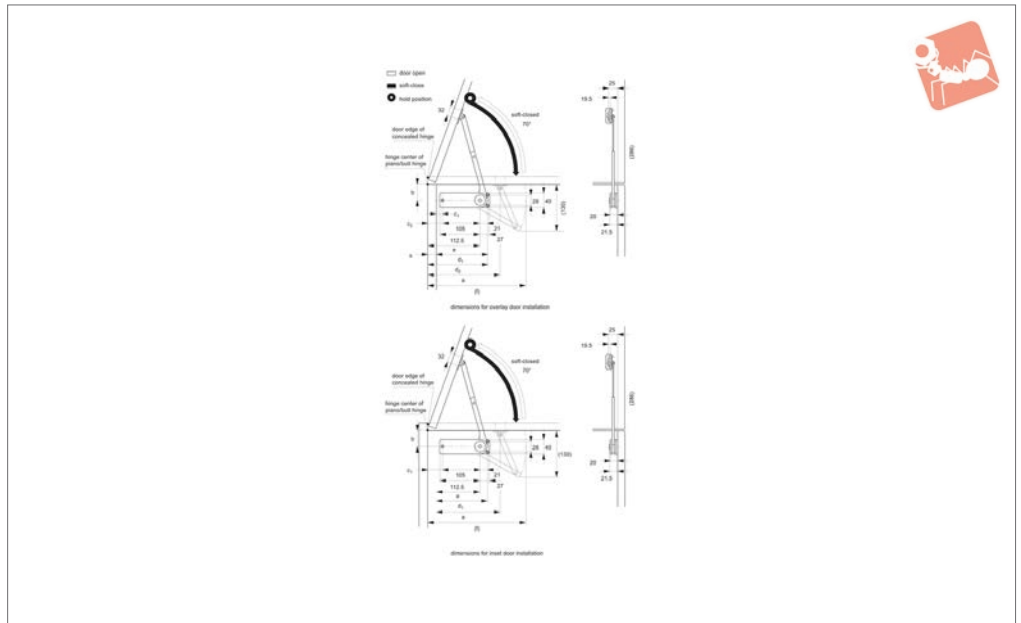
Check load bearing value (T)

$$T (\text{load bearing value of stay Kg/cm}) = 1/2 \text{ door height cm} \times \text{door weight Kg}$$

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.



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

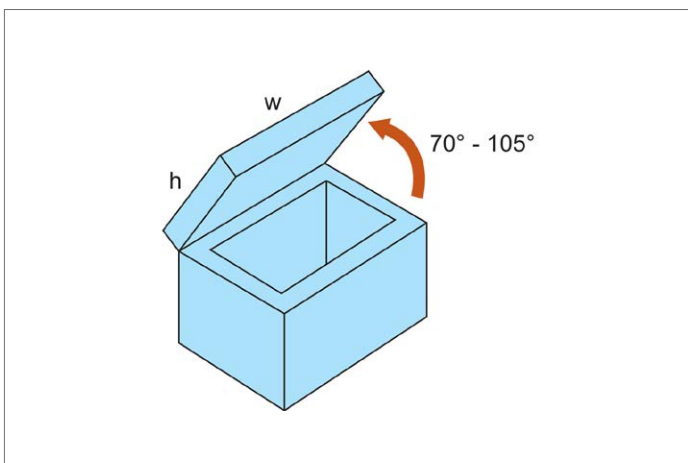
and slamming of lid.

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





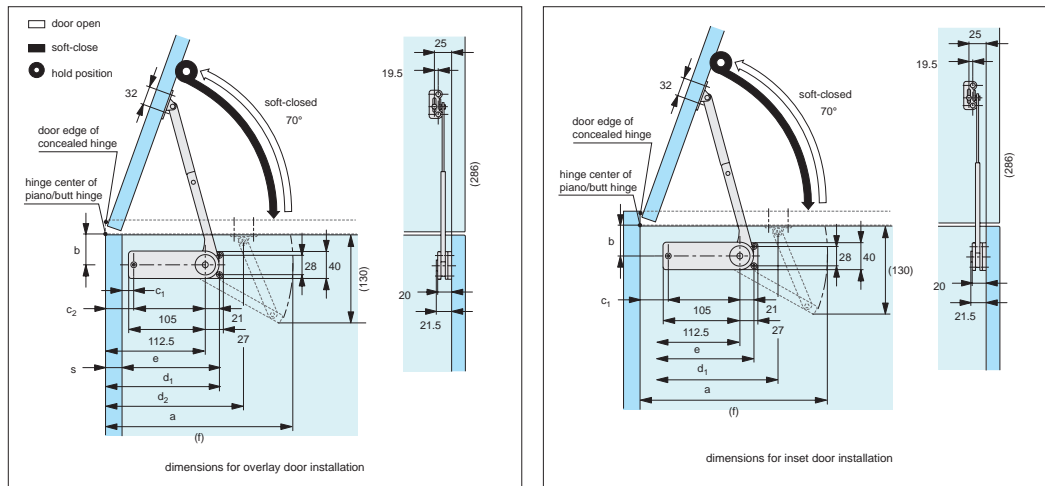
Installation Instructions

for heavy duty soft closing stay

N0440
Stays

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



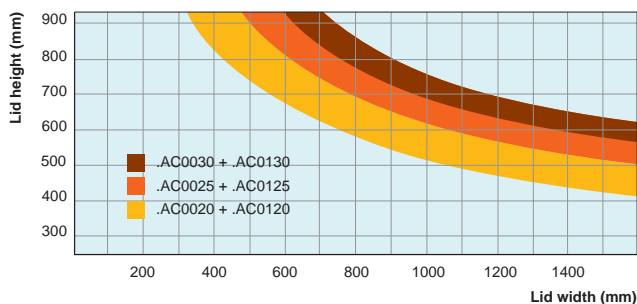
Heavy duty soft closing stay installation

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 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.

Acceptable lid width and height and installation table

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)

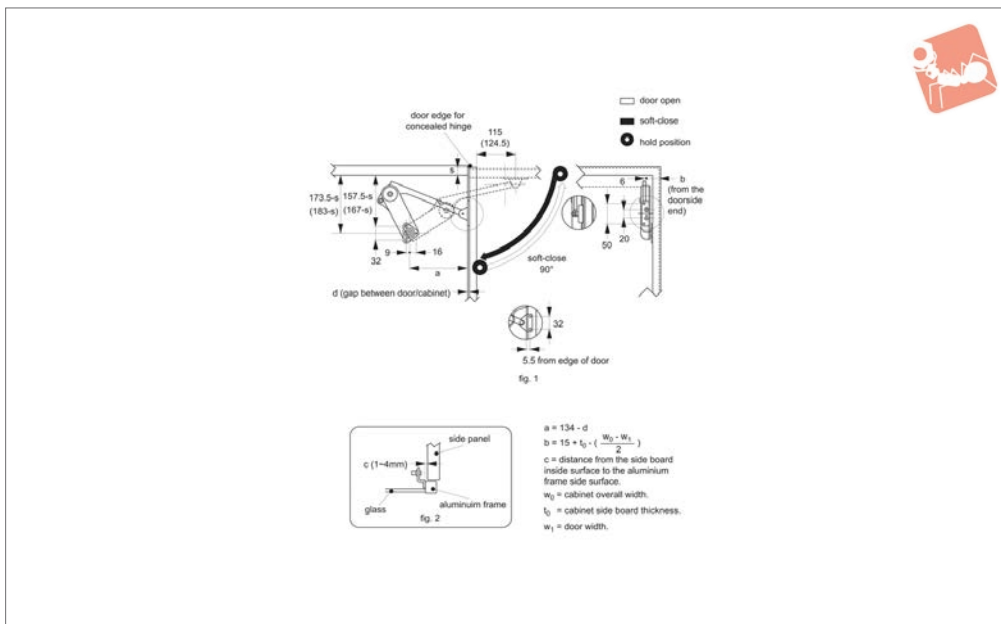
$$T \text{ (load bearing value of stay Kg/cm)} = 1/2 \text{ door height cm} \times \text{door weight Kg}$$

Load bearing calculation

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.



N0460



Material

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

suitable lid closes, to prevent lid slamming shut. For use in pairs.
Opening angle up to 90°. Temperature range 0° to 40°C.

within both the min. and max. load bearing value, stays are for use in pairs see above table.
Order mounting plate separately.

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

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

Check Load Bearing Value (T):

$$T \text{ (Load Bearing Value of stay Kg/cm)} = \frac{1}{2} \text{ Door Height cm} \times \text{Door Weight Kg}$$

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

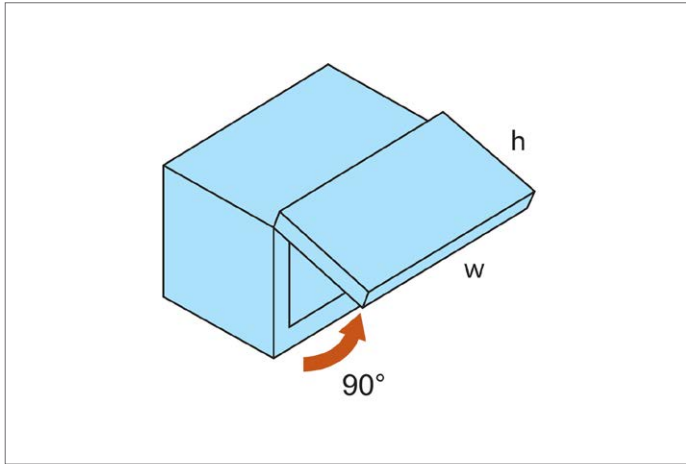
Order No.	Acceptable load bearing pair 90° opening angle		Acceptable load bearing pair 80° opening angle	
	kg/cm		kg/cm	
	min. max.		min. max.	
N0460.AC0017	140 to 179		140 to 199	
N0460.AC0021	180 to 219		200 to 249	
N0460.AC0025	220 to 259		250 to 299	
N0460.AC0030	260 to 300		300 to 350	
N0460.AC0117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



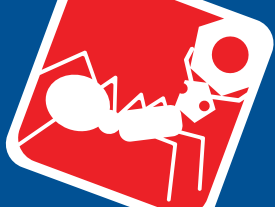
Heavy Duty Soft-Close Stays

For upward opening lid, 90° opening angle

Soft & Spring Stays



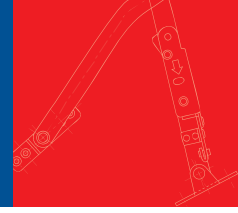
SOFT & SPRING STAYS












Wixroyd Soft Down

product selection charts

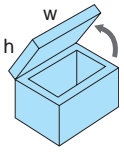
Stays



	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°

SOFT & SPRING STAYS

* Please note acceptable lid width and height of each stay prior to selection. Please refer to individual product details.
 T Load Bearing Value of Stay (Kg.cm) = 1/2 Door Height (cm) x Door weight (Kg)



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).

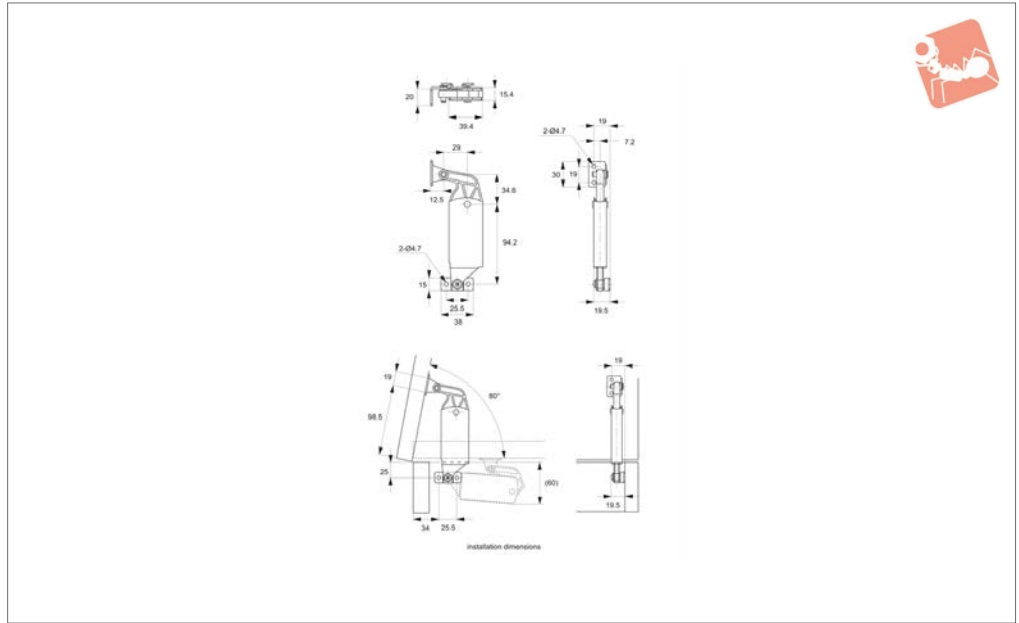
The application must be within both the min. and max. door weight range, as well as within the stated door heights, as shown in the table.

		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.



N0024



SOFT & SPRING STAYS

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.

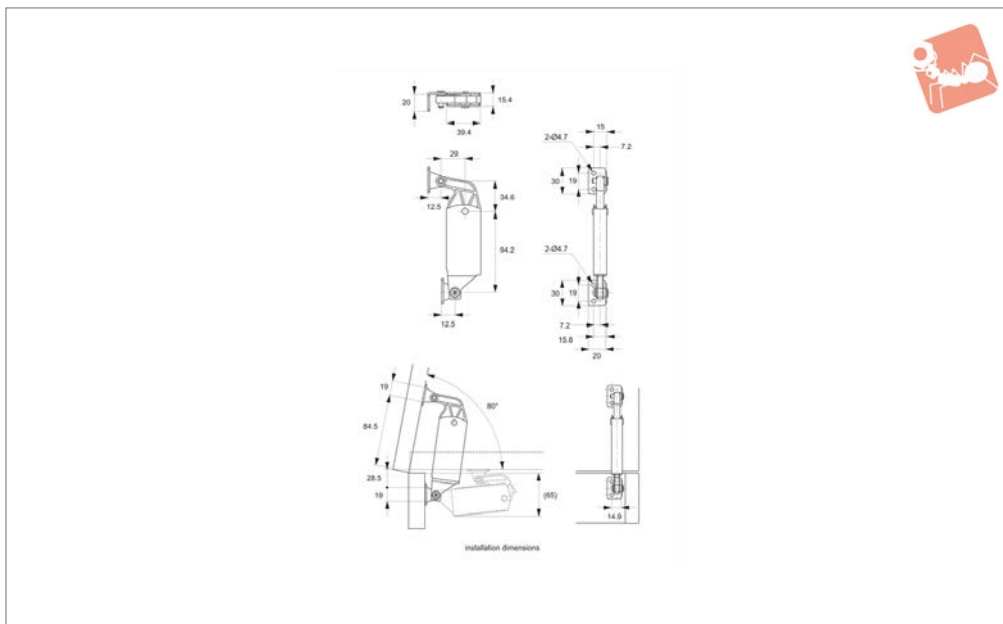
Order No.	Torque per piece kgf/cm max.	Lift assist angle
N0024.AC0090	90	10° - 80°
N0024.AC0120	120	10° - 80°



Spring Loaded Lid Stay

heavy duty - back panel mounting

Soft & Spring Stays



N0026

SOFT & SPRING STAYS

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.

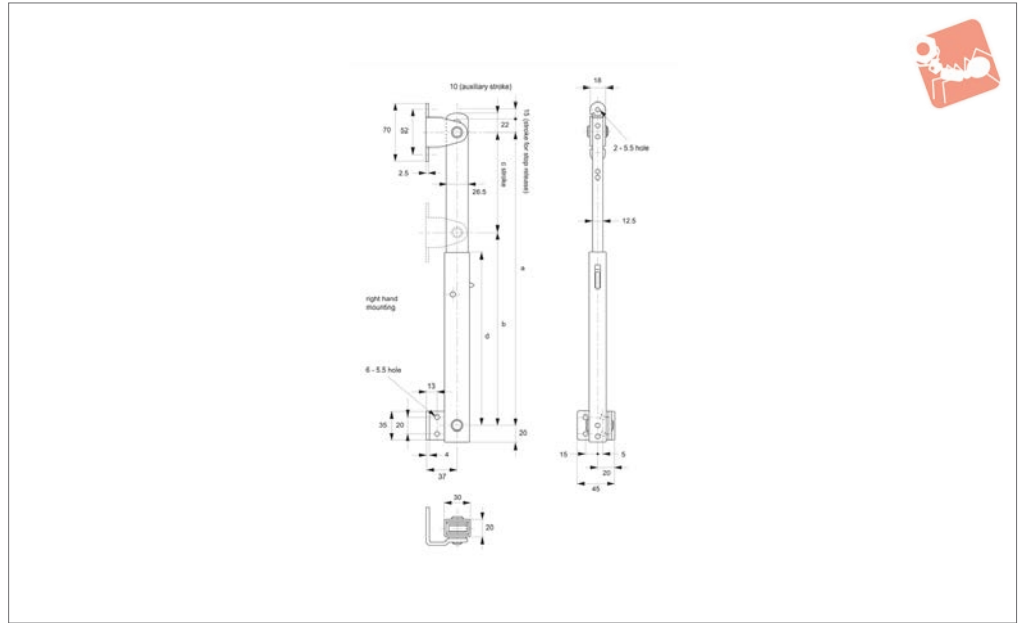
Order No.	Torque per piece kgf/cm max.	Lift assist angle
N0026.AC0090	90	10° - 80°
N0026.AC0120	120	10° - 80°



	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°



N0600



Material

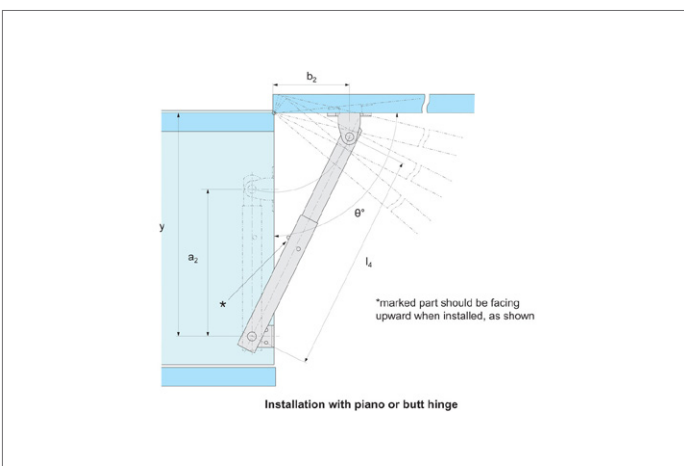
Stainless steel, AISI 304, satin finish.

table. Stay has ratchet mechanism to hold lid at multiple angles during opening motion. See 'Stop Positions' in table.

Technical Notes

Left or right hand specific, please refer to

Order No.	Opening angle	Type	No. of stop positions	Stop release stroke r	a	b	c	d	Load kg max.	Weight g
N0600.AC0010	90°	Right	4	15	350	230	120	352	70	715
N0600.AC0020	90°	Right	6	15	450	280	170	442	70	820
N0600.AC0110	90°	Left	4	15	350	230	120	352	70	715
N0600.AC0120	90°	Left	6	15	450	280	170	442	70	820

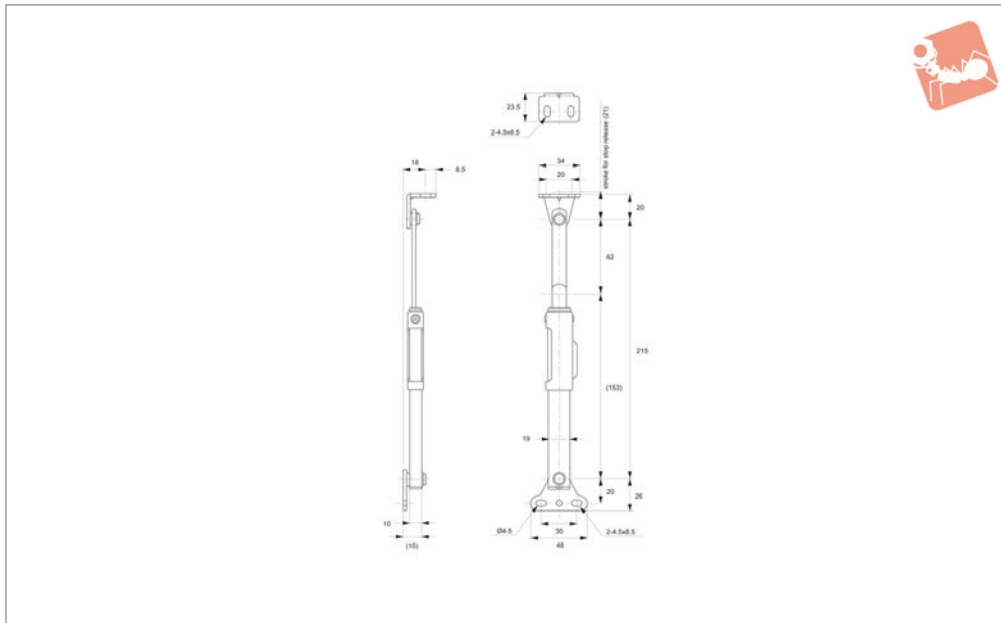




Lid Stays - Stainless Steel

for dust sensitive areas & clean rooms

Lid & Door Stays



N0620

LID & DOOR STAYS

Material

Stainless steel, AISI 304, with polyacetal bushing.

Universal, for both right and left applications.

suitable for clean room, semi-conductor and food industry applications.

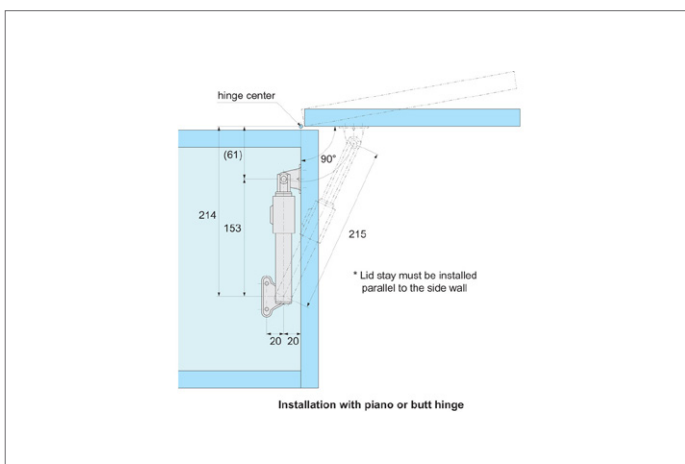
Technical Notes

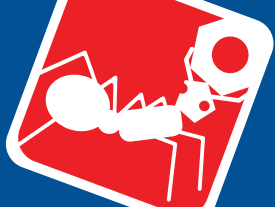
Holds lid in fully open position.

Tips

Plastic bushings and end caps minimise particle displacement making the stay

Order No.	Opening angle	Type	Load capacity/each kg
N0620.AC0195	max. 90°	Universal	15

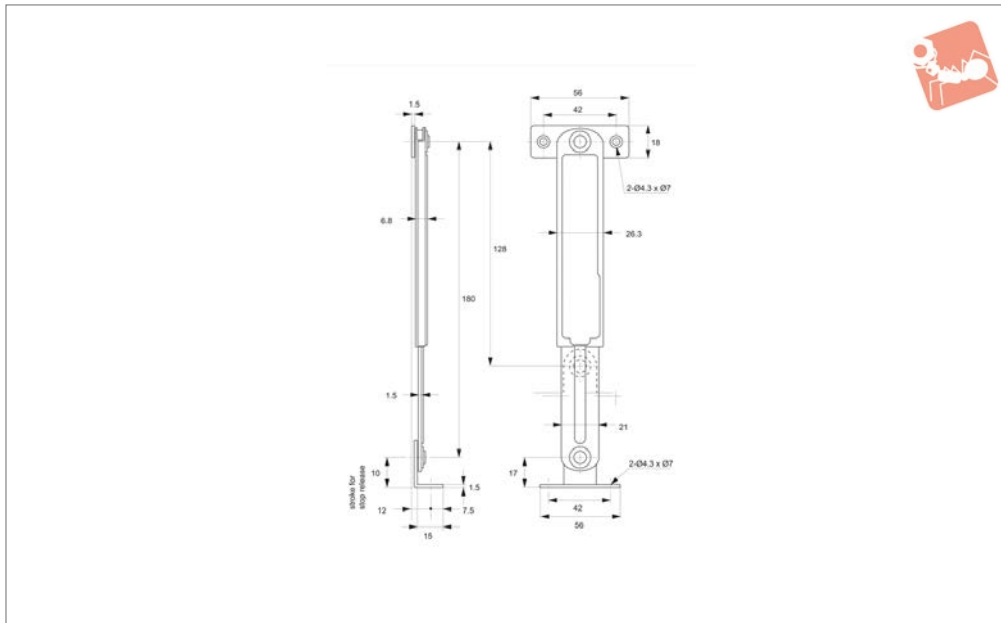




Lid Stays - Multi-Stop

stainless steel

Lid & Door Stays



N0700

LID & DOOR STAYS

Material

Body: stainless steel, AISI 304, satin finish.

Technical Notes

Universal for right and left hand application. Screws not included. Ratchet

mechanism allows lid to stop when released during opening motion.

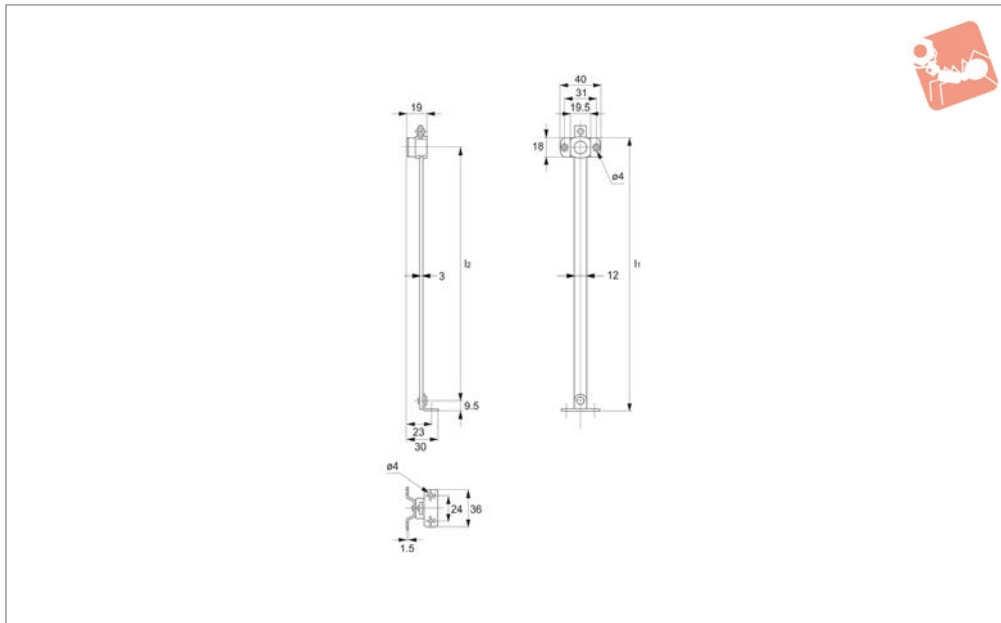
Order No.	No. of stop positions	Load kg max.	Weight g
N0700.AC0010	15	7	127



Lid Stays - Downward Opening Lid

stainless steel

Lid & Door Stays



N0850

LID & DOOR STAYS

Material

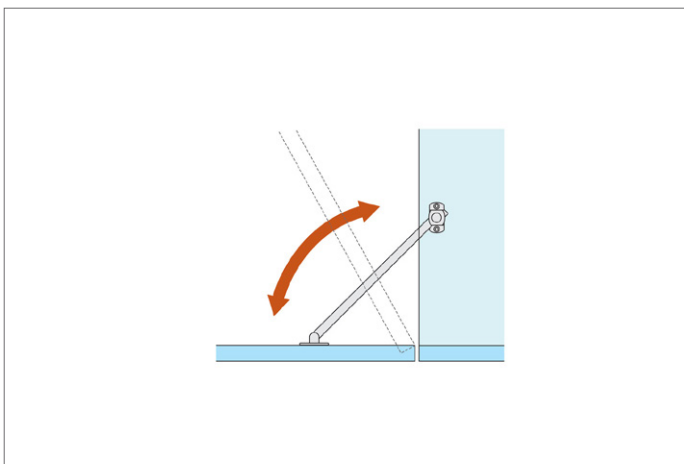
Stainless steel, AISI 304, and polyamide.

For use on cabinets with downward opening lid.

Technical Notes

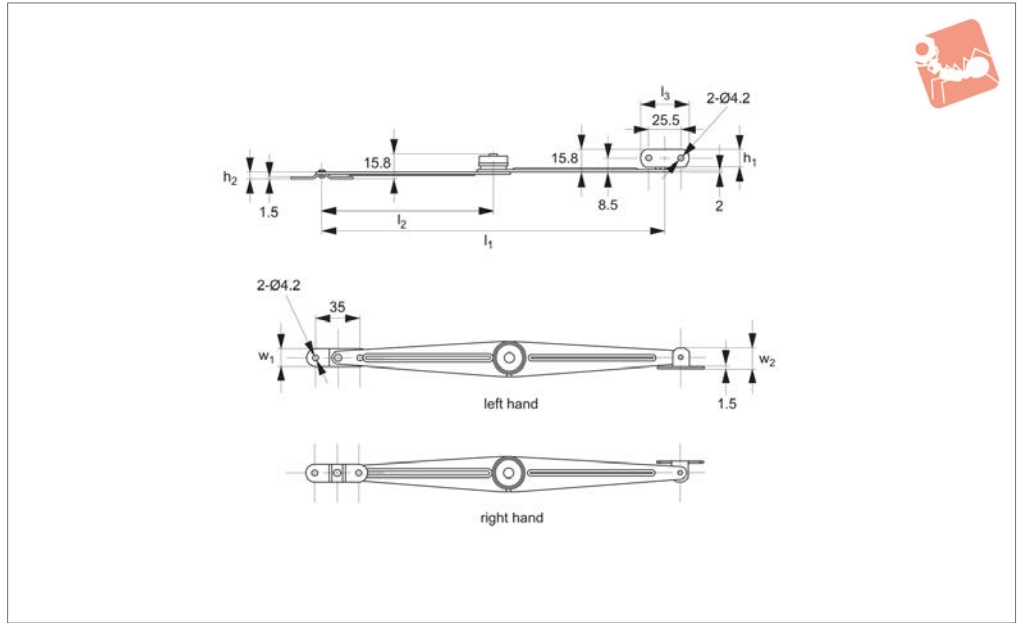
Universal left or right hand application.

Order No.	l_1	l_2	Weight g
N0850.AC0180	210	180	80
N0850.AC0210	240	210	90
N0850.AC0240	270	240	100





N0855



Material

Steel, chrome plated.

Technical Notes

Fitted with positioning spring and steel

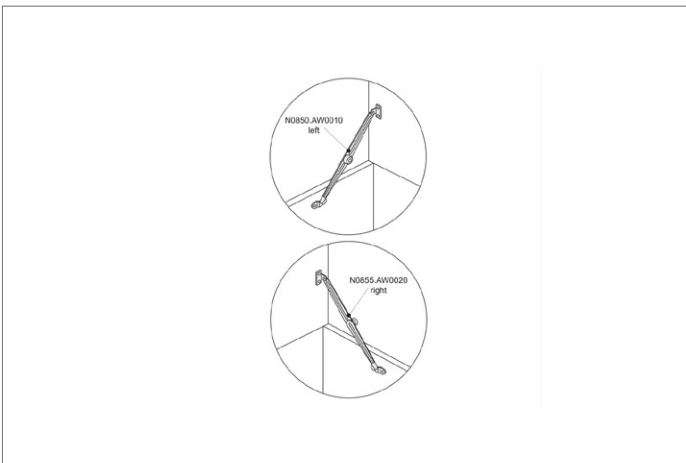
ball at pivot point to provide positive stop.

Important Notes

Right or left handed, please refer to table.

Ideal for screw or weld-on mounting.

Order No.	Hand	l_1	l_2	l_3	h_1	h_2	w_1	w_2
N0855.AW0010	Left	268	134	36.5	14	5.8	14	9
N0855.AW0020	Right	268	134	36.5	14	5.8	14	9

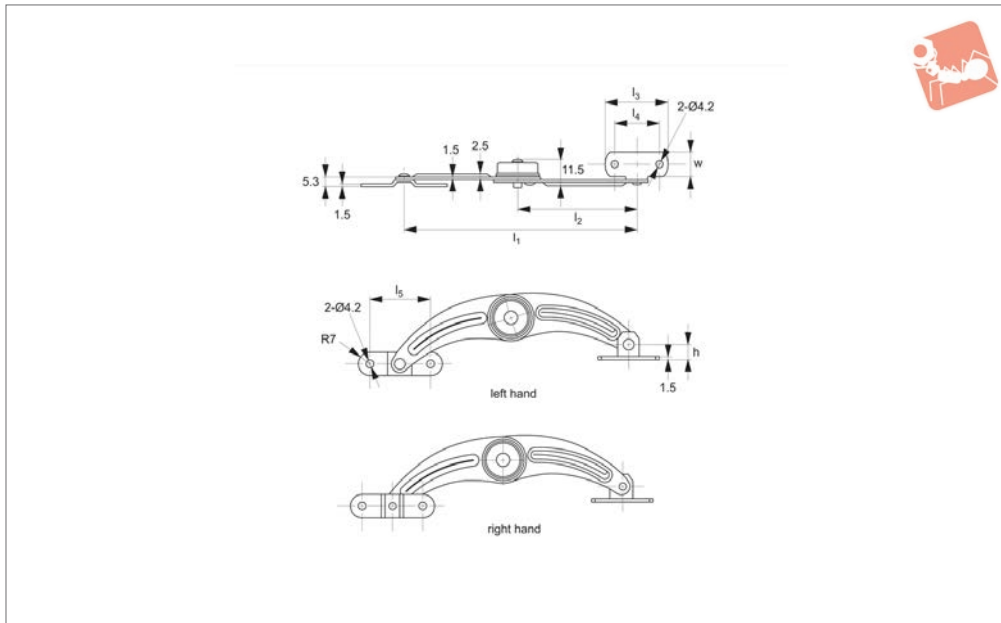




Lid Stays - Upward Opening Lid

steel

Lid & Door Stays



N0857

LID & DOOR STAYS

Material

Steel, bright chrome plated.

ball at pivot point to provide positive stop.

Technical Notes

Fitted with positioning spring and steel

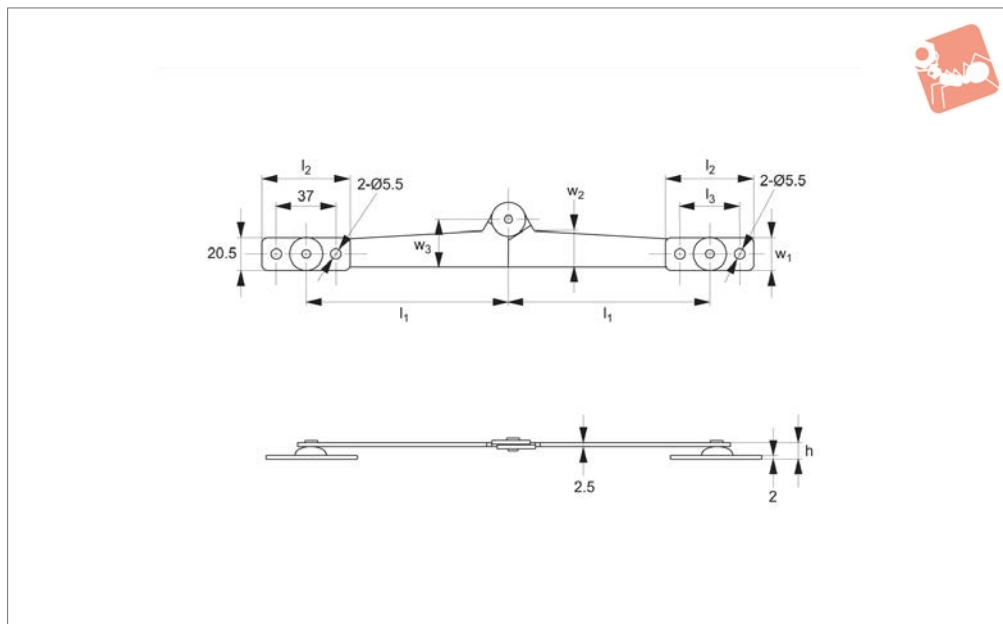
Important Notes

Right or left handed, please refer to table.
Ideal for screw or weld-on mounting.

Order No.	Hand	l_1	l_2	l_3	l_4	l_5	h	w
N0857.AW0010	Right	134	67	36.5	25.5	35	9	14
N0857.AW0020	Left	134	67	36.5	25.5	35	9	14



N0859



Material

Steel, chrome plated.

tions. Ideal for screw or weld-on applica-
tion.

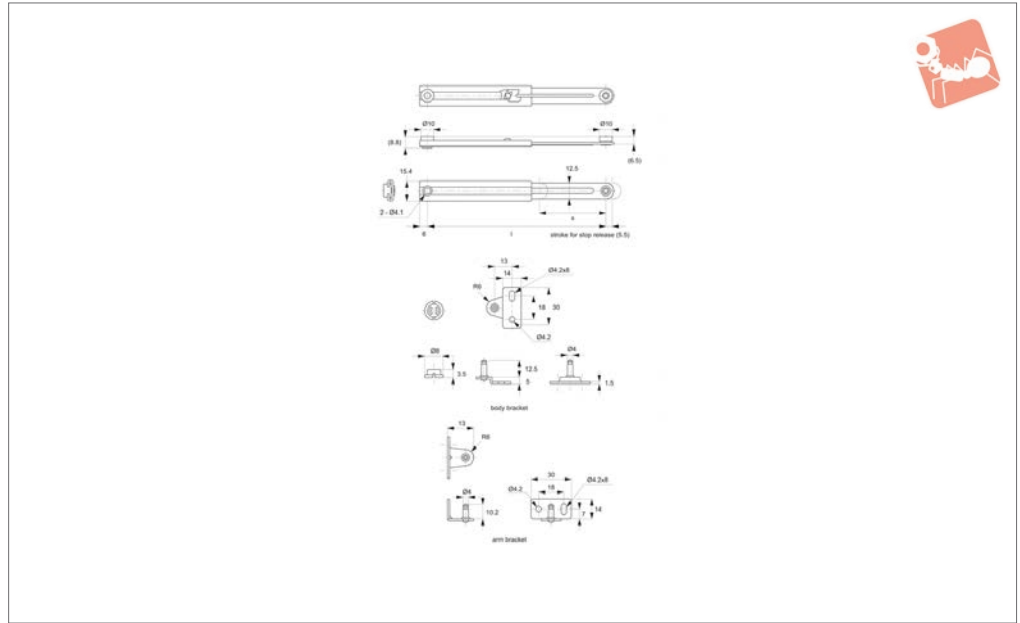
Technical Notes

Universal for right and left hand applica-

Order No.	l_1	l_2	l_3	h	w_1	w_2	w_3
N0859.AW0010	124	55.5	37	9.5	20.5	22	29



N0920



Material

Body: stainless steel, AISI 304, polished.
Washer: polyacetal.

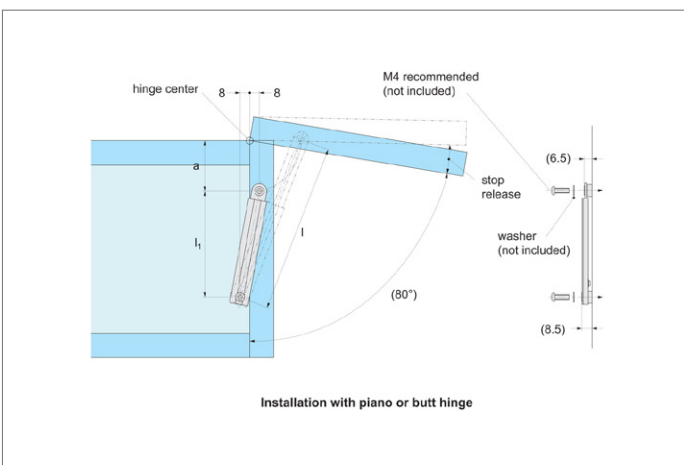
Technical Notes

Positive stop keeps lid opened. Compact

size. Easy fitting with M 4 screw (please order separately, see table) or with mounting bracket set.

Mounting bracket set contains one body bracket and one arm bracket.

Order No.	Stop release stroke r	l_1	l_2	a	s	Load N max.	Stop release angle	Weight g
N0920.AC0100	5.5	100	67	24	32	6.0	15°	31
N0920.AC0140	5.5	140	88	42	52	6.0	9°	38
N0920.AC0950	Mounting Bracket Set	-	-	-	-	-	-	20

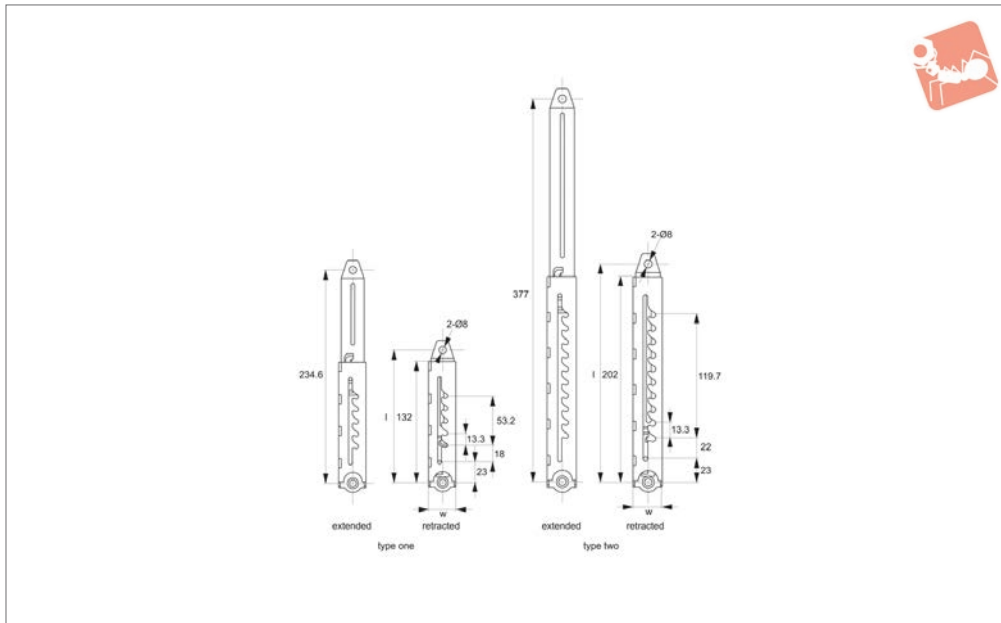




Lid Stays - Ratchet Stops

steel - positive stop

Lid & Door Stays



N0924

LID & DOOR STAYS

Material

Steel, zinc plated.

Technical Notes

Multiple stops keeps lid open at various

heights. To release lid extend fully, then retract.

Load Bearing:

N0924.AW0010- 250N (25kgs)

N0924.AW0020- 600N (61kgs)

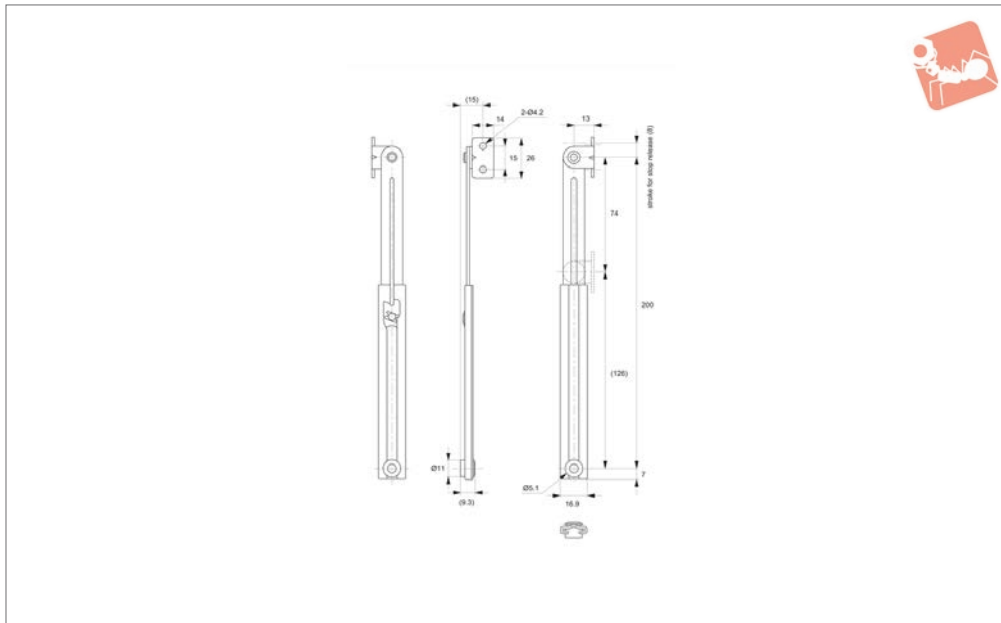
Order No.	Type	No. of stop positions	l	w
N0924.AW0010	One	5	145	29.5
N0924.AW0020	Two	10	217	29.5



Lid Stays

positive stop, stainless steel

Lid & Door Stays



N0940

LID & DOOR STAYS

Material

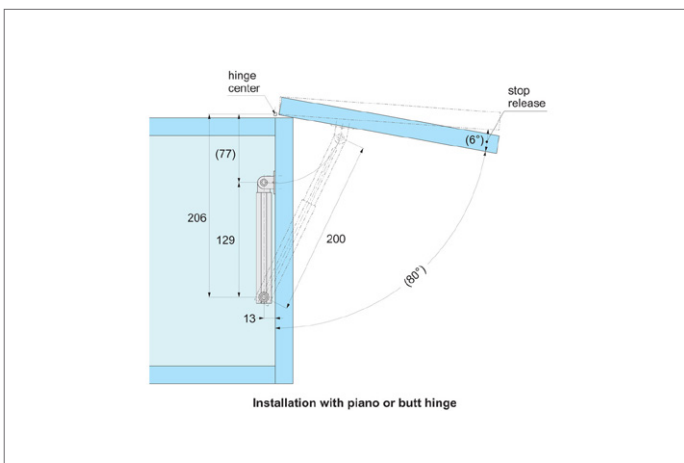
Stainless steel, AISI 304.

design. Universal for right and left hand applications.

Technical Notes

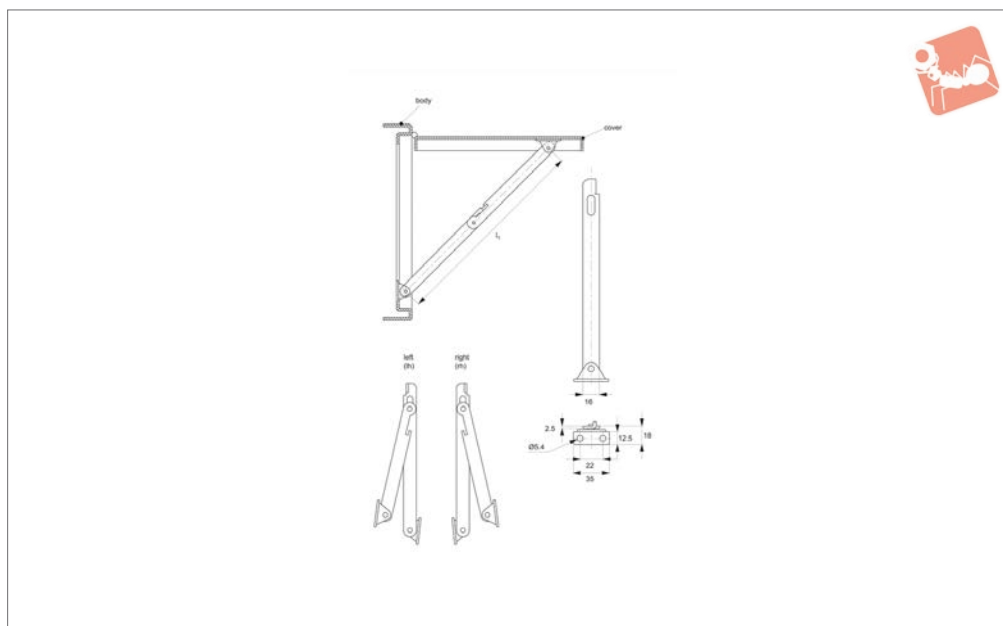
Positive stop keeps lid open. Compact

Order No.	Opening angle	Extended length	Stroke for stop release	Load capacity/each	Weight
N0940.AC0200	max. 80°	200	8	15 kg	65 g





N0950



Material

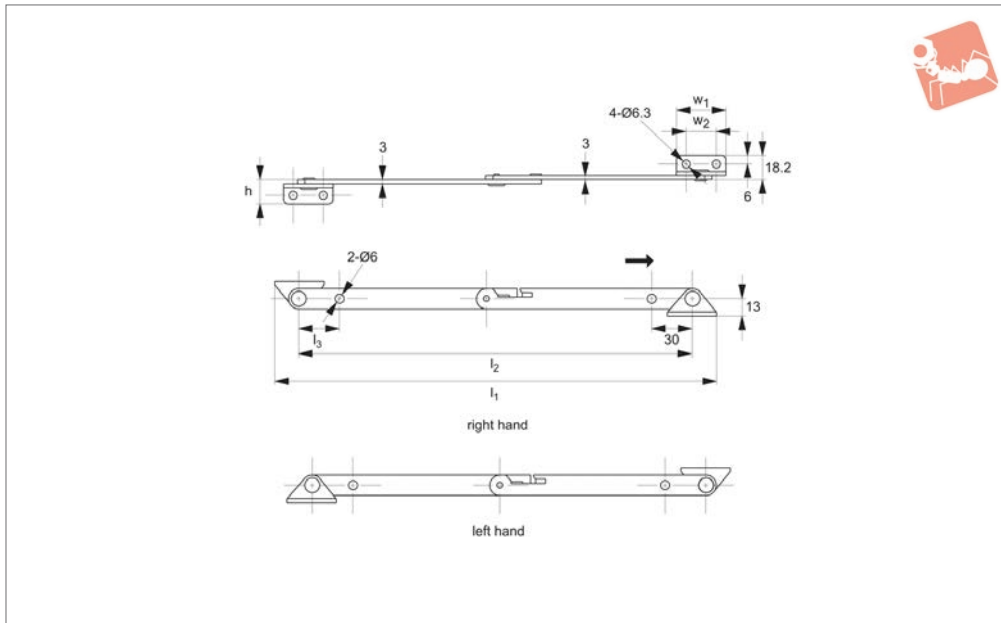
Steel, zinc plated.

table. Ideal for screw or weld-on mounting.

Technical Notes

Left or right hand specific, please refer to

Order No.	Hand	l ₁
N0950.AC0008	Right	202
N0950.AC0006	Right	135
N0950.AC0010	Right	292
N0950.AC0106	Left	135
N0950.AC0108	Left	202
N0950.AC0110	Left	292



N0951

LID & DOOR STAYS

Material

Stainless steel AISI 304.

table. Ideal for screw or weld-on mounting.

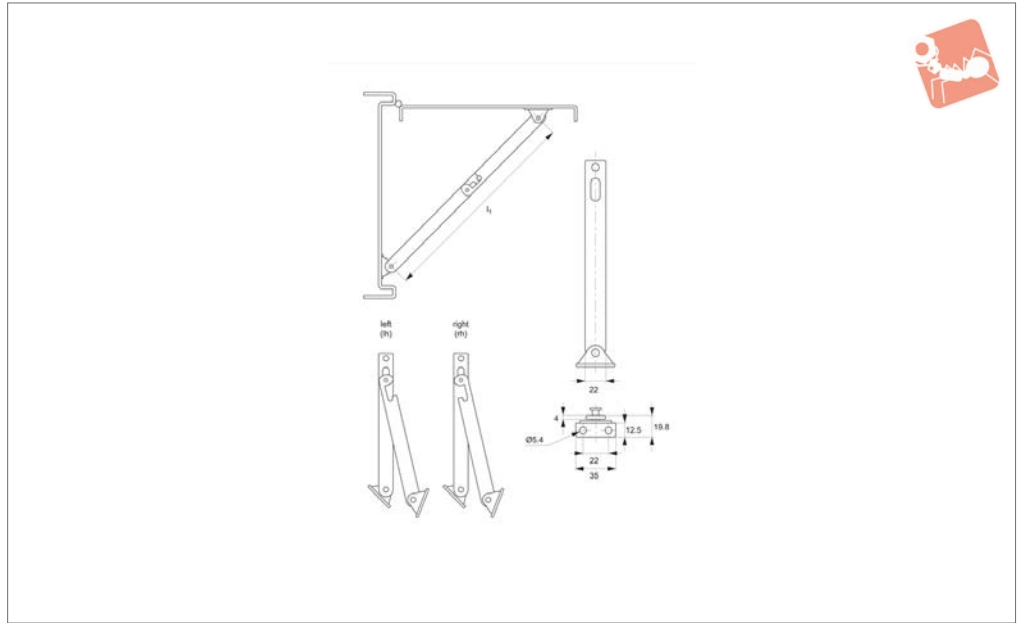
Technical Notes

Left or right hand specific, please refer to

Order No.	Hand	l_1	l_2	h_1	w_1	w_2
N0951.AW0010	Left	326	290	18.2	36	22
N0951.AW0020	Right	326	290	18.2	36	22



N0952



Material

Steel, zinc plated.

Technical Notes

Right or left handed, please refer to table.
Ideal for screw or weld-on mounting.

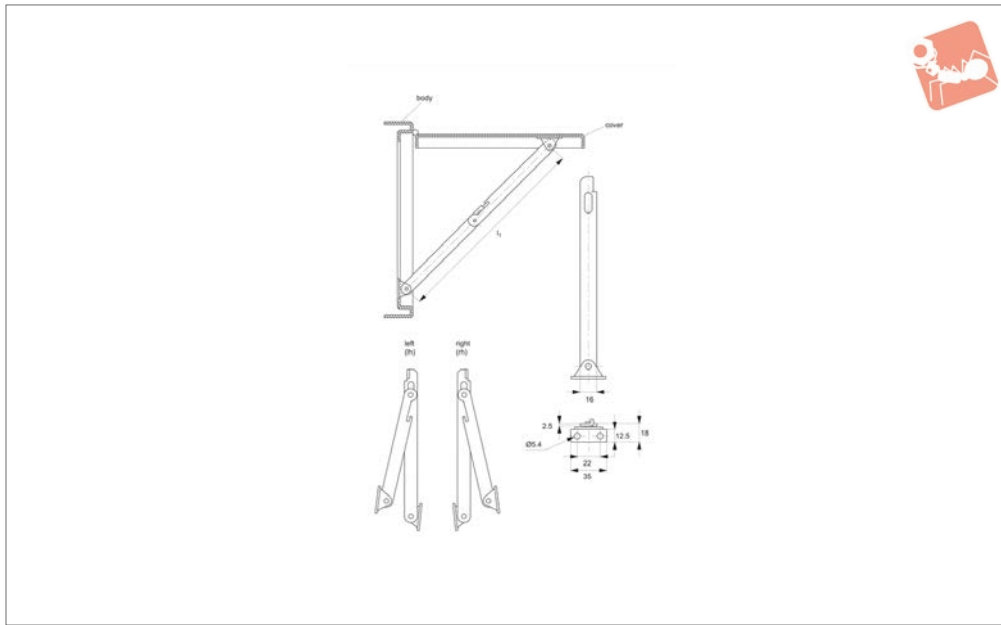
Order No.	Hand	l_1
N0952.AC0006	Right	135
N0952.AC0106	Left	135
N0952.AC0008	Right	202
N0952.AC0108	Left	202
N0952.AC0010	Right	292
N0952.AC0110	Left	292



Lid Stays

stainless steel

Lid & Door Stays



N0954

LID & DOOR STAYS

Material

Stainless steel, AISI 304.

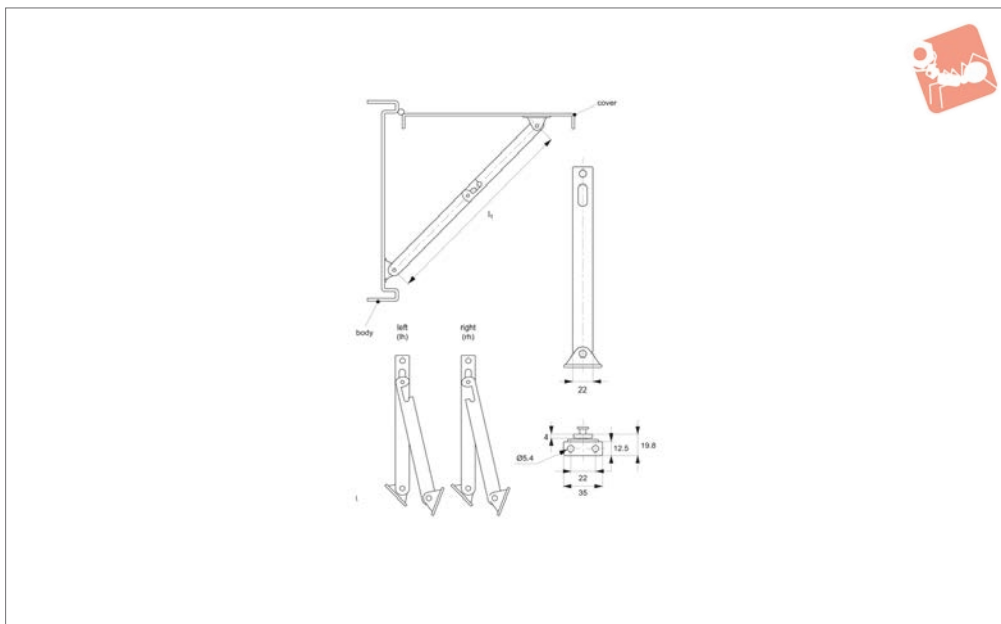
Technical Notes

Right or left handed, please refer to table.
Ideal for screw or weld-on mounting.

Order No.	Hand	l ₁
N0954.AC0006	Right	135
N0954.AC0008	Right	202
N0954.AC0010	Right	292
N0954.AC0108	Left	202
N0954.AC0106	Left	135
N0954.AC0110	Left	292



N0956



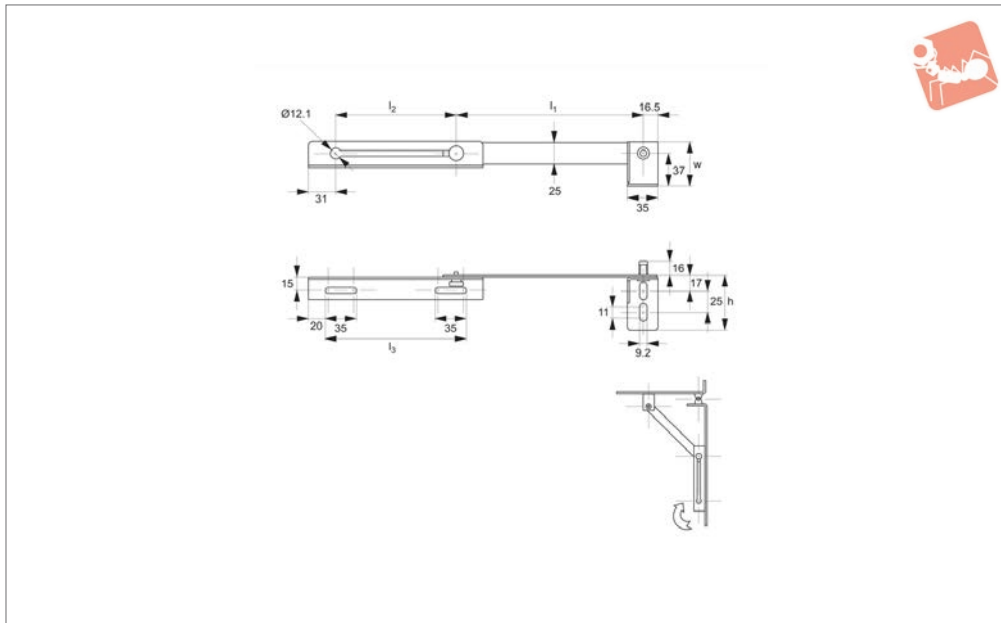
Material

Stainless steel, AISI 304.

Technical Notes

Right or left handed, please refer to table.
Ideal for screw or weld-on mounting.

Order No.	Hand	l ₁
N0956.AC0006	Right	135
N0956.AC0008	Right	202
N0956.AC0010	Right	292
N0956.AC0106	Left	135
N0956.AC0108	Left	202
N0956.AC0110	Left	292



N0982

LID & DOOR STAYS

Material

Stainless steel AISI 304.

and bracket can be fixed on either side - to suit both left and right installation.

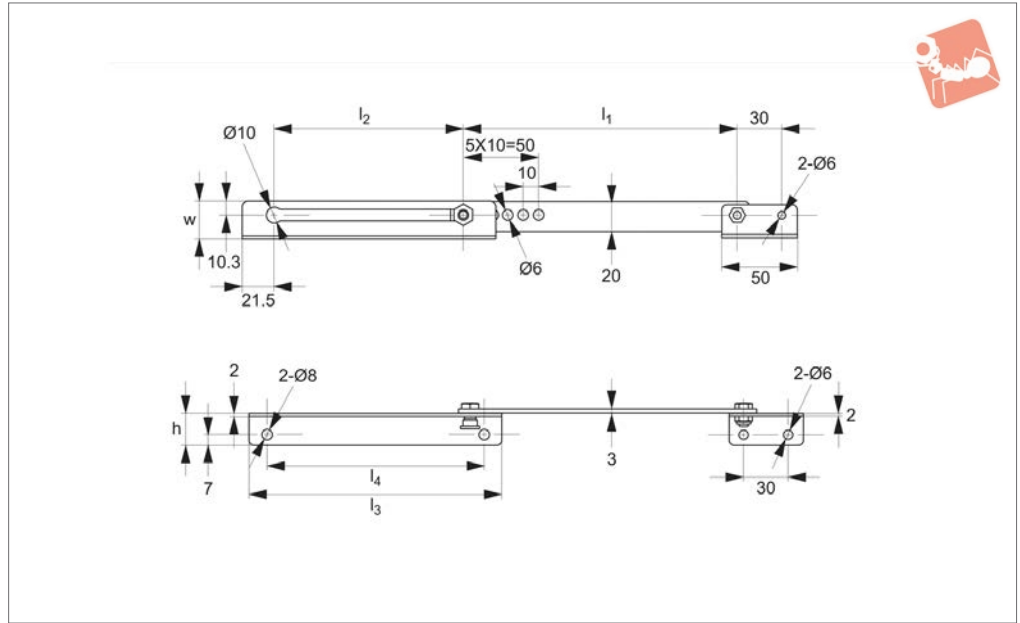
Technical Notes

Universal left or right hand. Lid stay arm

Order No.	l_1	l_2	l_3	h	w
N0982.AW0010	220	138	160	62	50



N0984



Material

Stainless steel AISI 304.

Technical Notes

Universal left or right hand. Lid stay arm

and bracket can be fixed on either side - to suit both left and right installation. Stay length l_1 can be adjusted from min. 134 to max. 184mm, via use of 5 holes spaced at 10mm.

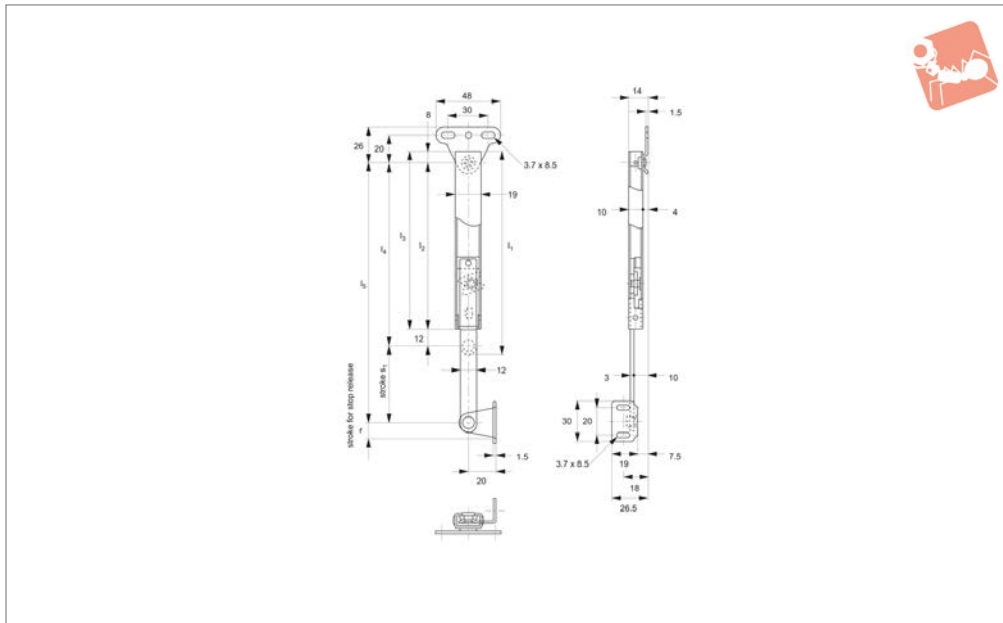
Order No.	l_1 min.	l_1 max.	l_2	l_3	l_4	h	w
N0984.AW010	134	184	127	170	146	21	27



Lid Stays

with positive stop - stainless steel

Lid & Door Stays



N0500

LID & DOOR STAYS

Material

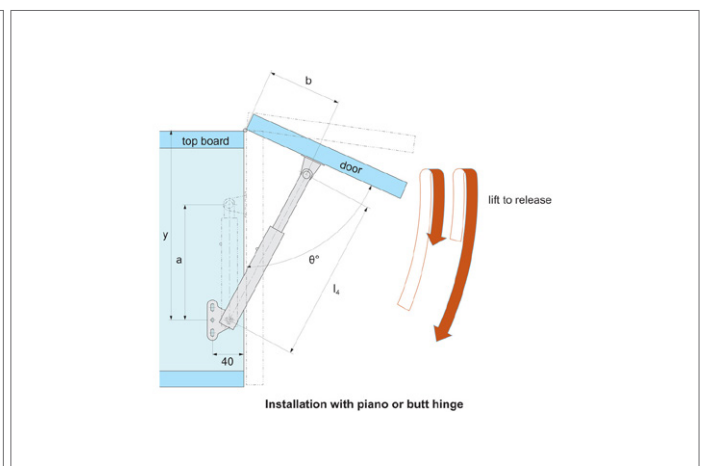
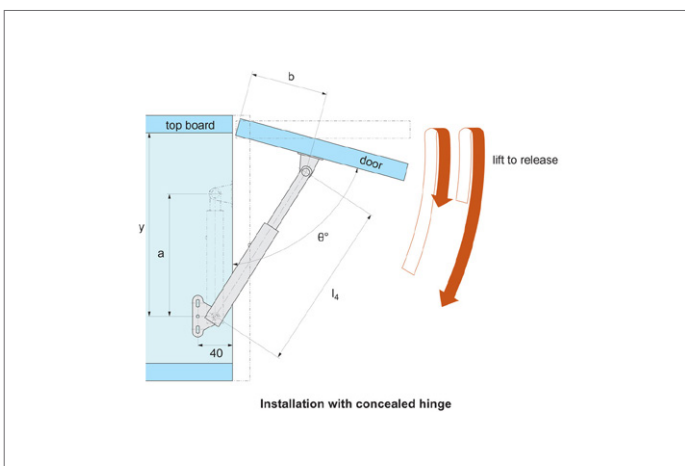
Stainless steel, AISI 304, satin finish.

Technical Notes

Universal left or right hand application.

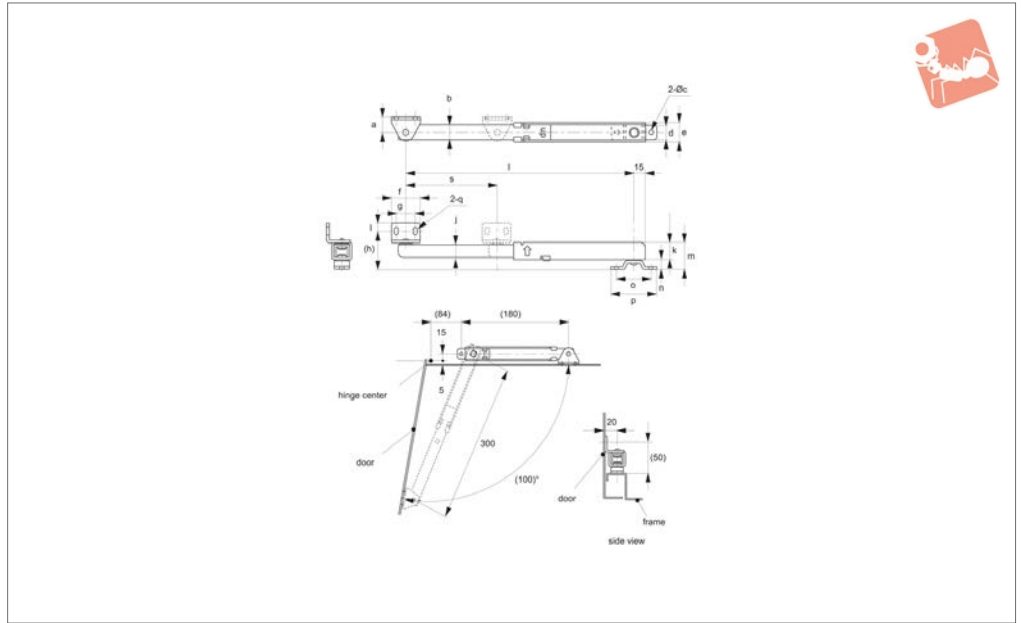
Max. load Kg is per stay. Only one stay required per lid. Stay has positive stop to hold lid in fully open position. For use with piano or butt hinge.

Order No.	Opening angle	Stop release stroke r	l_1	l_2	l_3	a	b	c	Load kg max.	Lid height mm	Weight g
N0500.AC0014	75°	14.5	148	121	129	133	62	195	15	250 - 350	125
N0500.AC0018	90°	14.5	185	158	166	170	100	270	15	320 - 500	150
N0500.AC0016	90°	22.0	168	141	149	153	62	215	15	260 - 350	140
N0500.AC0020	120°	22.0	205	178	186	190	100	290	15	340 - 500	160





N2050



Material

Steel, yellow zinc chromate.

Install at base of door for quick foot release.

Important Notes

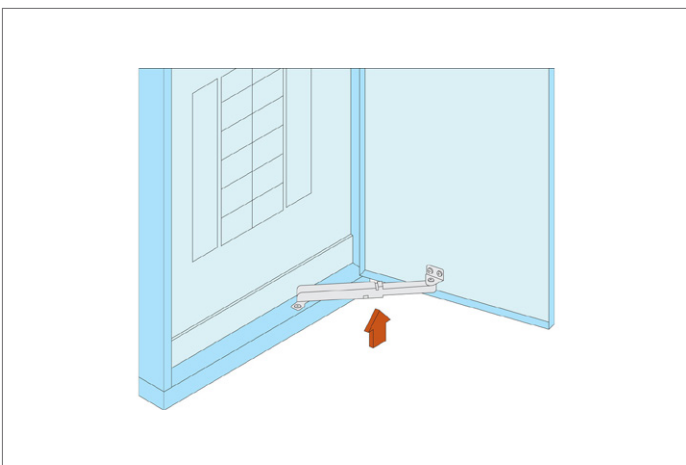
Check max. tensile force for load bearing capacity.

Technical Notes

Mechanically locks door when fully open.

Order No.	a	b	c	d	e	f	g	h	i	Weight g
N2050.AC0005	15	15.9	5.5	17	20.0	33	20	42	8	205
N2050.AC0010	20	20.0	5.5	20	25.5	38	25	50	10	433
N2050.AC0020	20	20.0	9.0	20	25.5	38	25	50	10	460

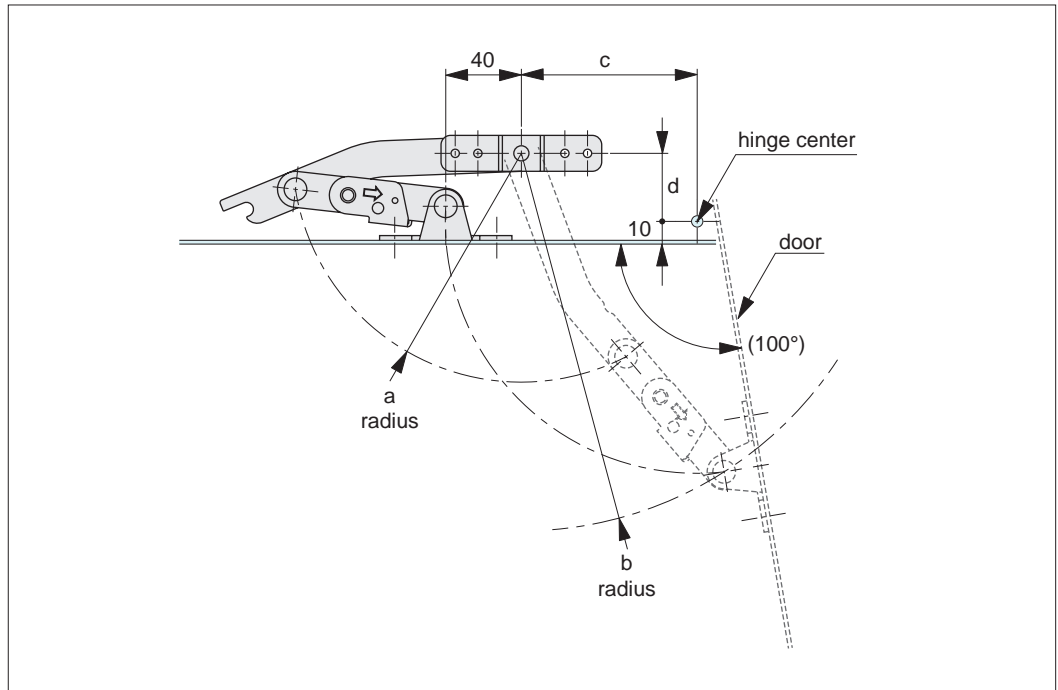
Order No.	j	k	l	m	n	o	p	q	s	Comp. load kg max.	Tensile force kg max.
N2050.AC0005	15.7	20.0	200	30	2.3	35	50	5,5x8,0	70	50	90
N2050.AC0010	17.0	22.5	300	35	3.2	45	60	5,5x9,5	120	60	150
N2050.AC0020	17.0	22.5	300	35	3.2	50	72	5,5x9,5	120	60	150



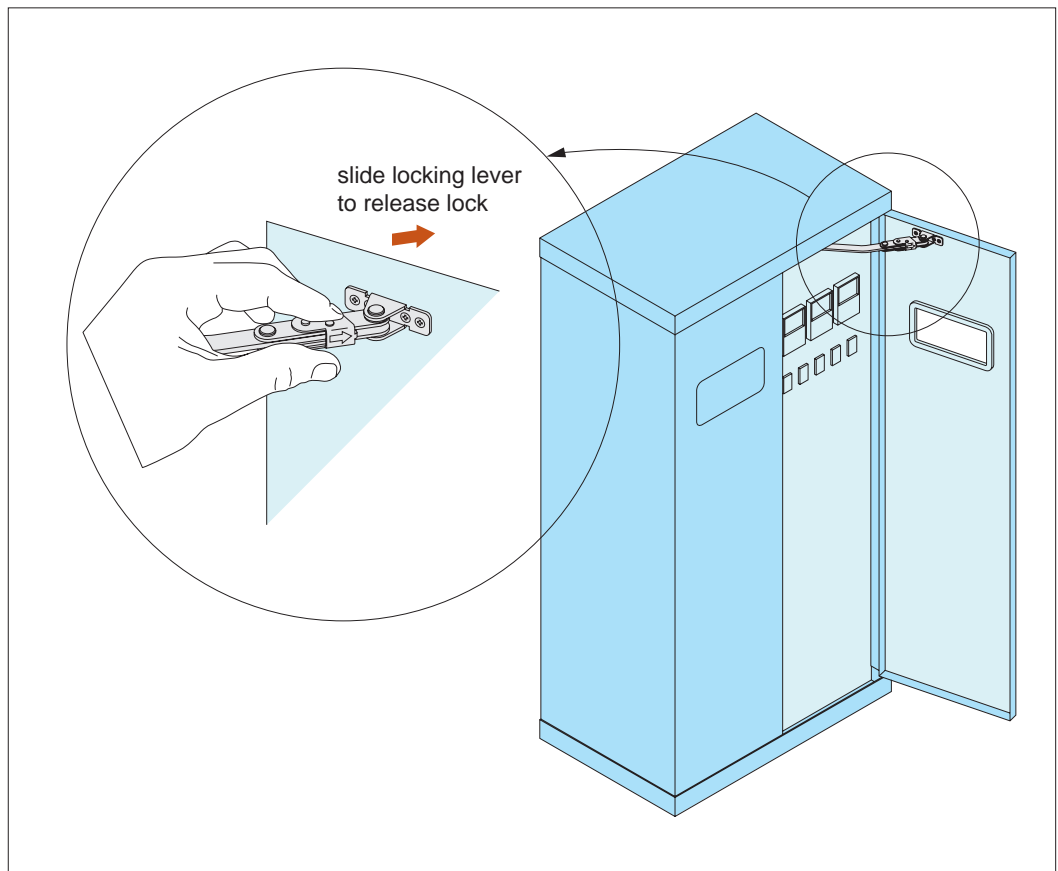


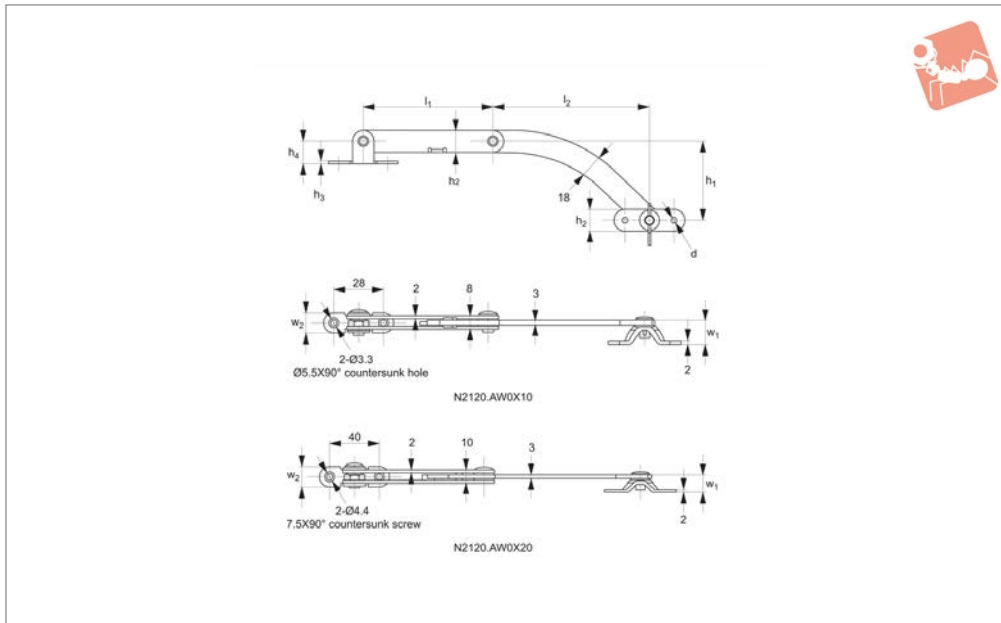
Installation

Installation dimensions



Easy actuation and release





N2120

LID & DOOR STAYS

Material

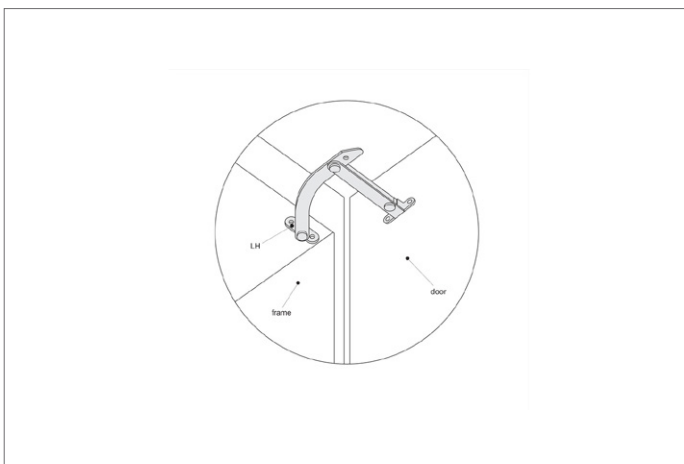
Body: steel, chrome plated.

table. Ideal for screw or weld-on mounting.

Technical Notes

Select left or right handed - please refer to

Order No.	Hand	l_1	d	h_1	h_2	h_3	h_4	l_2	w_1	w_2
N2120.AW0010	Left	105	2-Ø3,3 Ø5,5X90°	64	18	1.5	12	127	14.0	16
N2120.AW0020	Left	70	2-Ø4,2 Ø6,2X90°	43	12	2.0	18	85	13.5	12
N2120.AW0110	Right	105	2-Ø3,3 Ø5,5X90°	64	18	1.5	12	127	14.0	16
N2120.AW0120	Right	70	2-Ø4,2 Ø6,2X90°	43	12	2.0	18	85	13.5	12











Wixroyd Door Stays

product selection charts

Stays

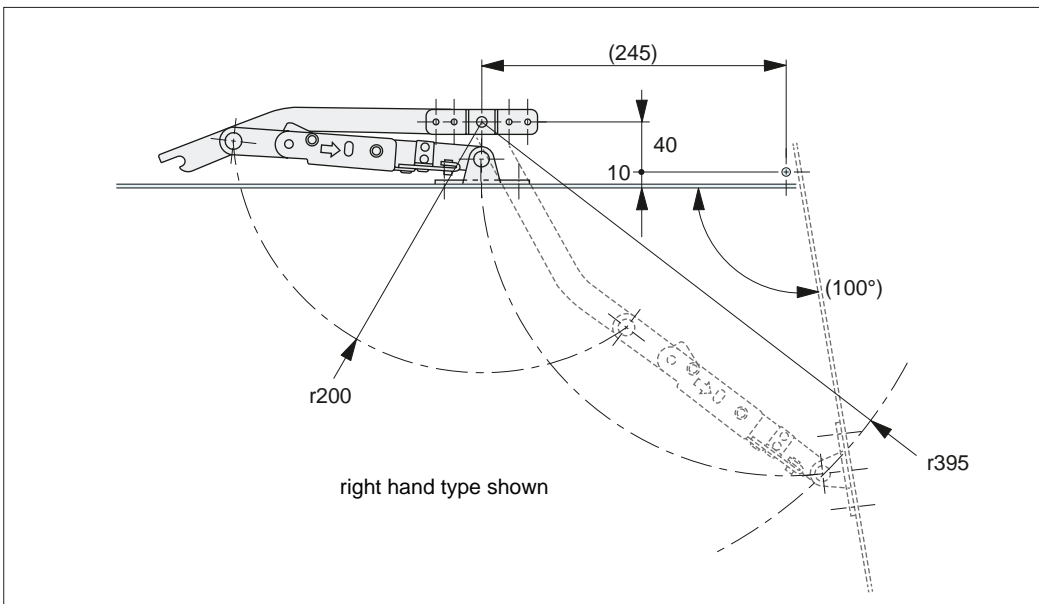
	Mounting			Door Opening			Material		Heavy Duty	Compression Force Kgf	Max Door Width mm	Tensile Force Kg	Max Angle
	Right	Left	Universal	Muti Stop	Soft Closing	Hold Open	Steel	Stainless Steel					
N2000 			✓	✓				✓			600-910		90°
N2020 	✓	✓			✓			✓		0,6-1,5	300		90°
N2050 			✓			✓	✓			50-60		50-60	100°
N2100 	✓	✓				✓		✓		50-60		150	100°
N2120 			✓			✓			✓	30		60	100°
N2200 	✓	✓				✓		✓	✓	50-60		150	100°

LID & DOOR STAYS

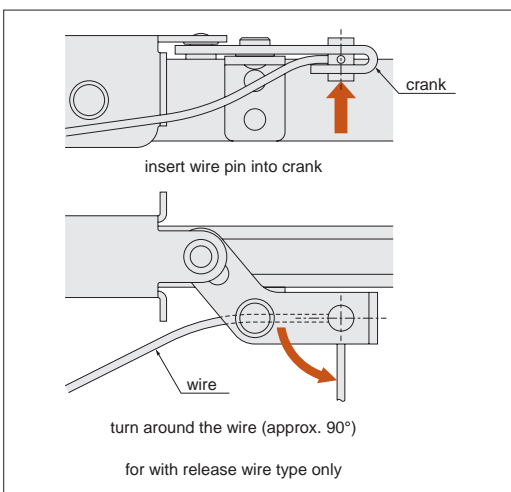
ov-WN2000-A-T-WN2000-A-TST0510-door-stays-product-selection-charts-rnh- Updated -25-10-2022



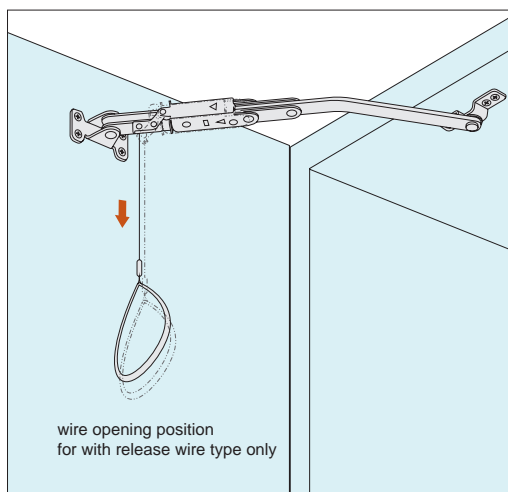
Installation dimensions



Installation of lock release wire



Installation of Lock Release Wire

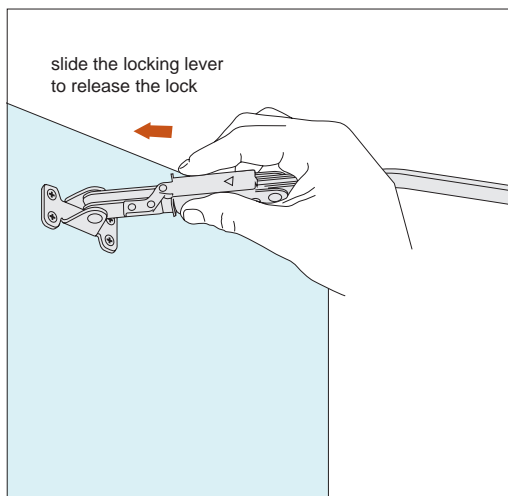


Release of Stay with Release Wire

Stay lock and release



Full Lock Out Indicator



Manual Stay Release