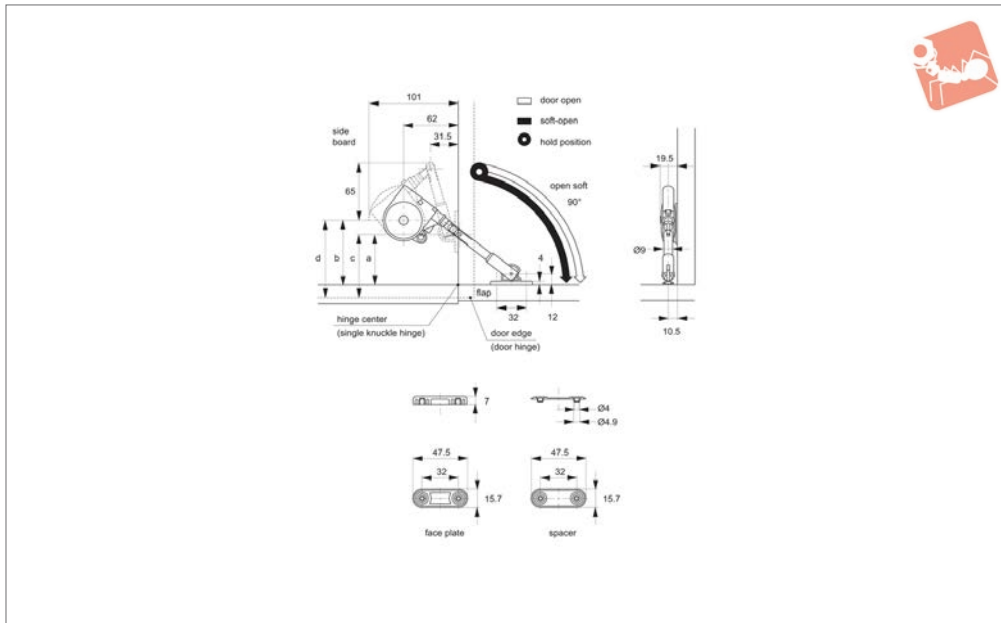




Short Arm Soft-Opening Stays - for 90° opening angle - for TV/DVD and Hi-fi Cabinets

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.

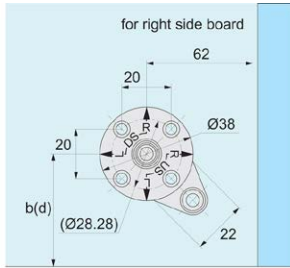
Important Notes

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.

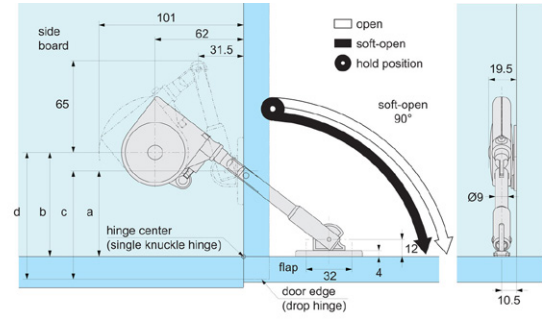
Check Load Bearing Value (T):

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

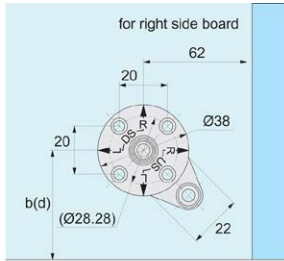
| Order No. | Type | Colour | Acceptable load bearing single kg/cm min. max. | Acceptable load bearing pair kg/cm min. max. | Weight g |
|--------------|------------|--------|--|--|-------------|
| N0060.AC0010 | W/o Catch | White | 0,5 to 12,0 | 10 to 24 | 140 |
| N0060.AC0020 | W/o Catch | Black |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



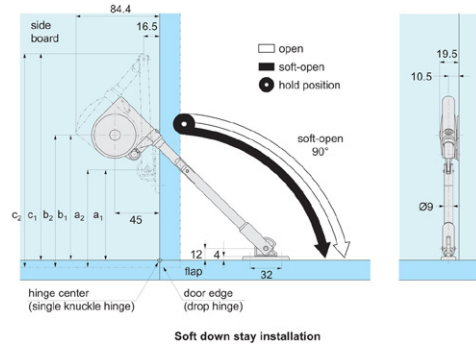
Mounting plate installation



Soft down stay installation



Mounting plate installation



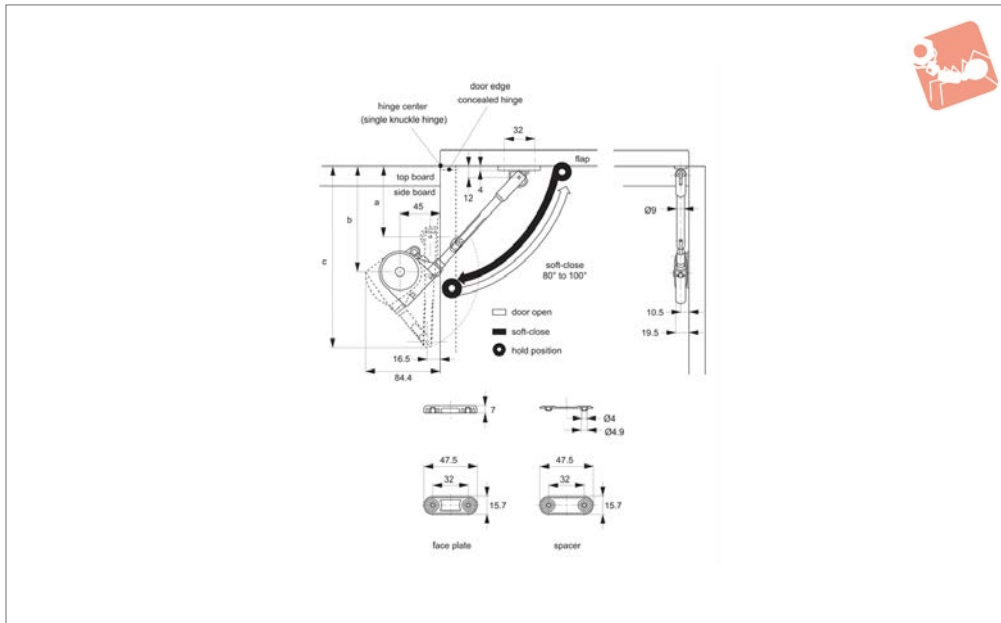
Soft down stay installation



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.

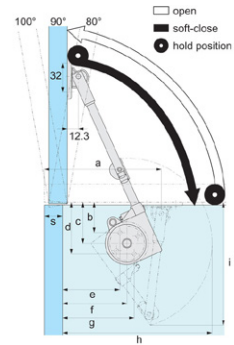
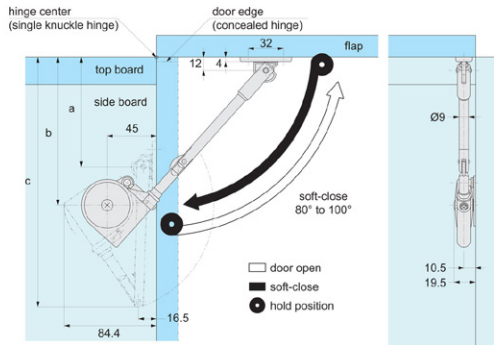
Important Notes

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 |

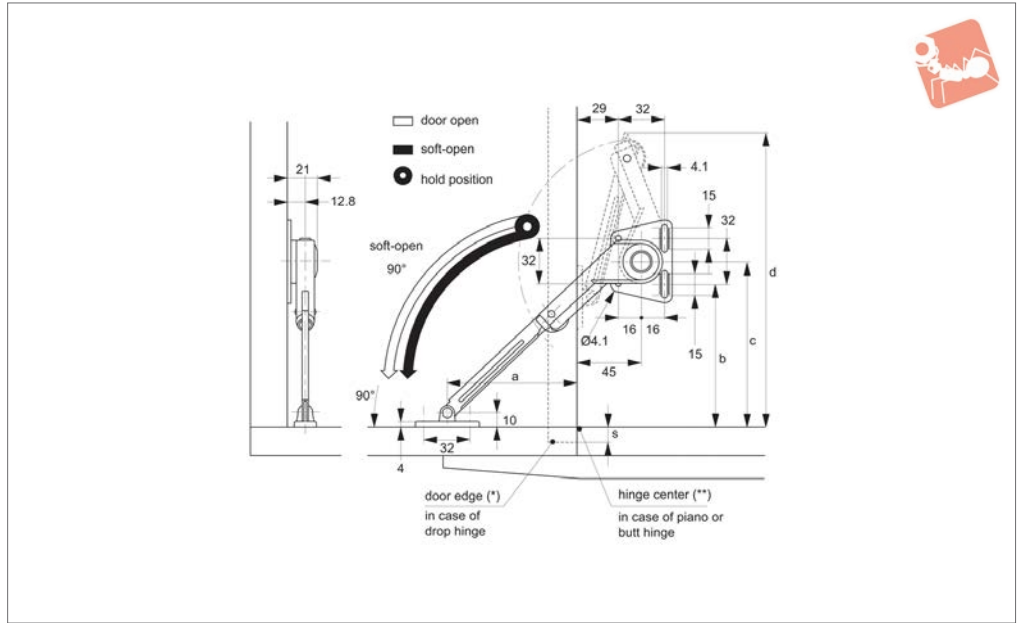
4 for right side board

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:

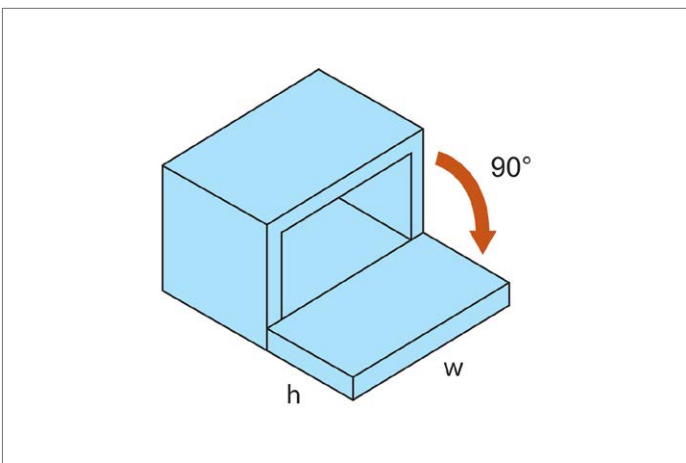
a) Max 35cm wide
AND

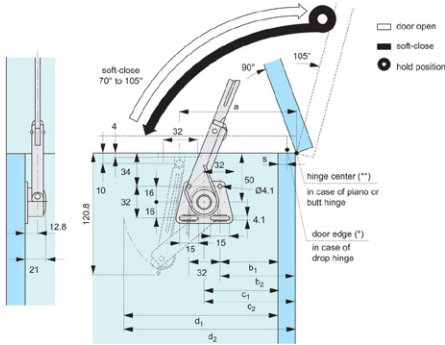
b) within acceptable lid width. height
combination - see chart.

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 |





| Piano/Butt Hinge | Opening Hinge | A | B ₁ | C ₁ | D ₁ |
|------------------|---------------|-----|----------------|----------------|----------------|
| Left/Right | 70 | 125 | 84 | 100 | 184 |
| Left/Right | 105 | 97 | 66 | 72 | 156 |

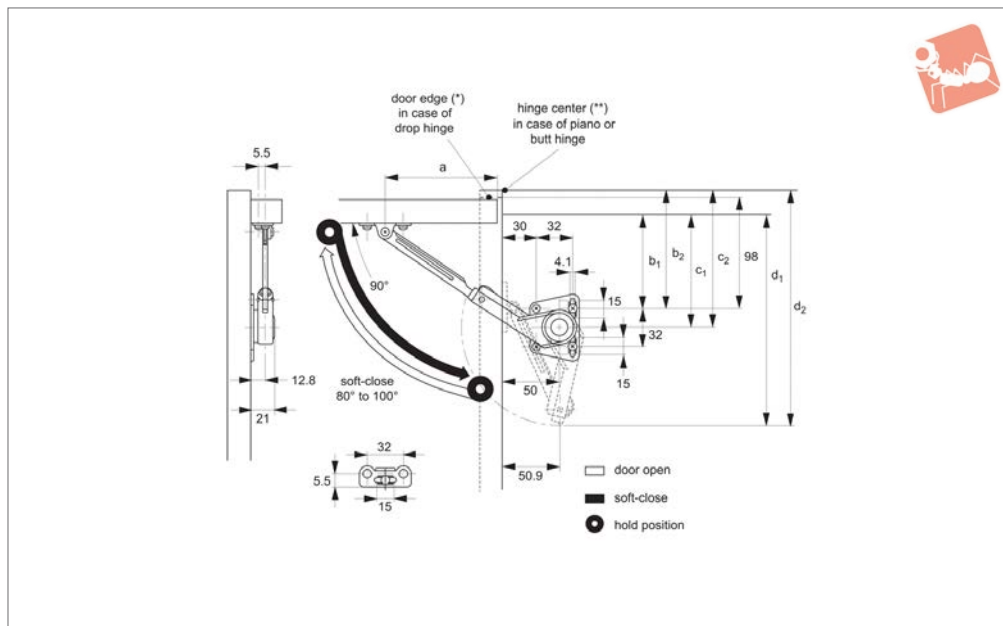
| Concealed Hinge | Opening Hinge | A | B ₂ | C ₂ | D ₂ |
|-----------------|---------------|-----|----------------|----------------|----------------|
| Left/Right | 70 | 126 | 85-S | 101-S | 185-S |
| Left/Right | 105 | 103 | 62-S | 78-S | 162-S |



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

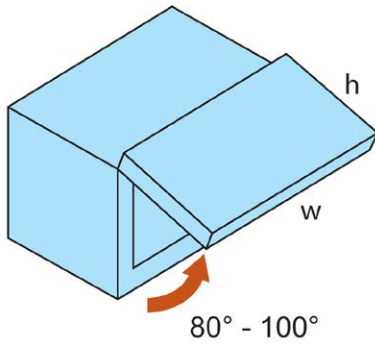
If using only one stay-

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 |
|--------------|-------|--------------------------------|------------|------------------------------|------------|----------|
| | | kg/cm min. | kg/cm max. | kg/cm min. | kg/cm max. | |
| N0350.AC0010 | Left | 20 | 70 | 40 | 140 | 210 |
| N0350.AC0110 | Right | 20 | 70 | 40 | 140 | 210 |





Installation Instructions for Soft Closing Stay

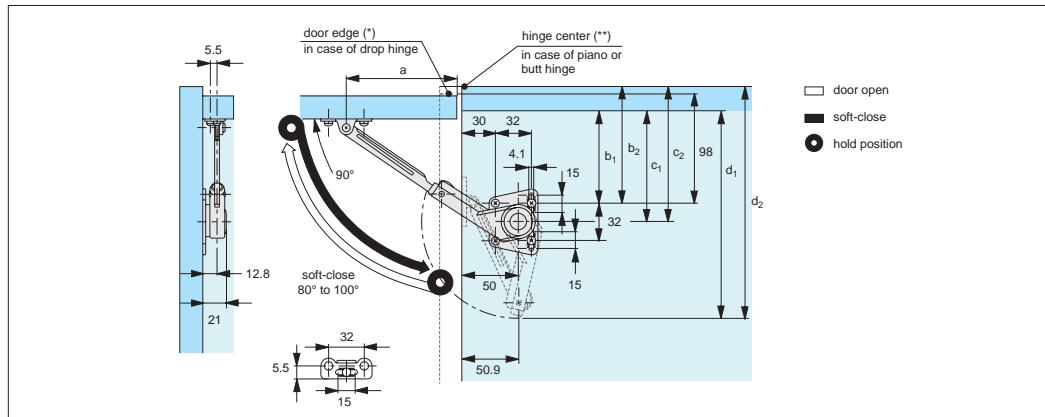
N0350
Stays



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.

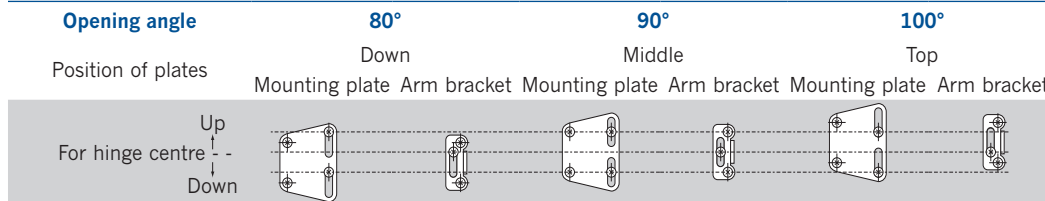
Stay has integrated catch to hold lid in open and closed position. Stay has a sprung elbow section which must be released prior to closing lid - please take care not to catch fingers when handling.

Installation



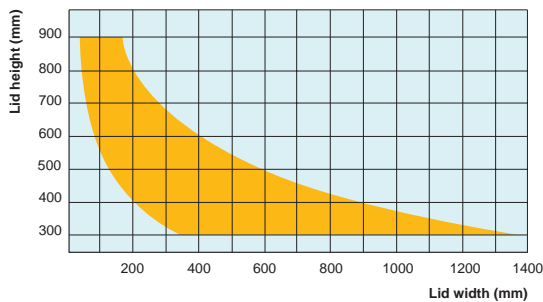
Soft opening stay installation

| 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)

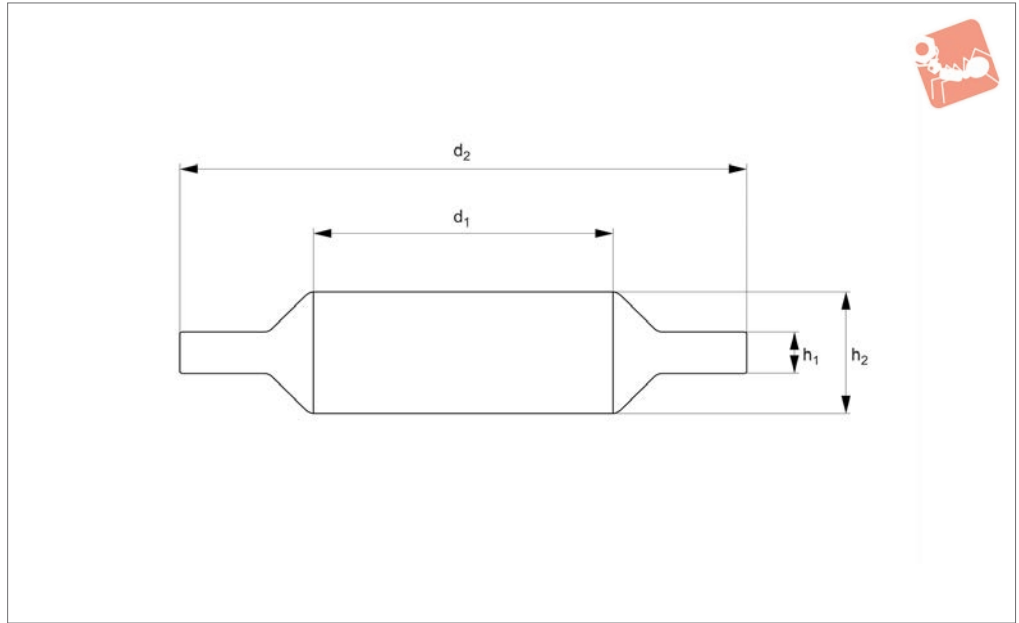
$$T \text{ (load bearing value of stay Kg/cm)} = 1/2 \text{ door height cm} \times \text{door weight Kg}$$

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

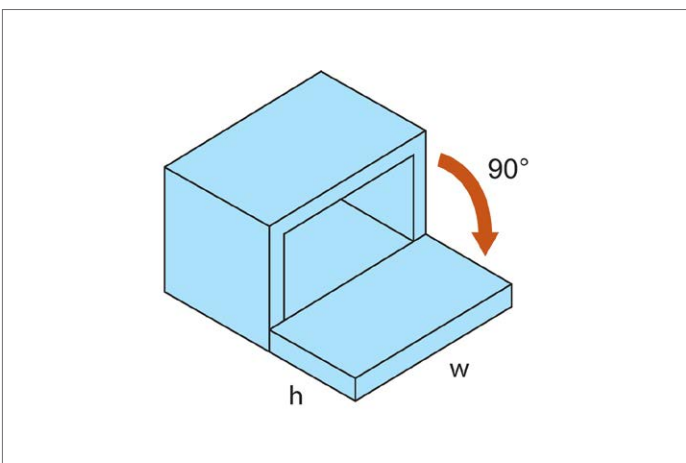
and slamming of lid.

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 |





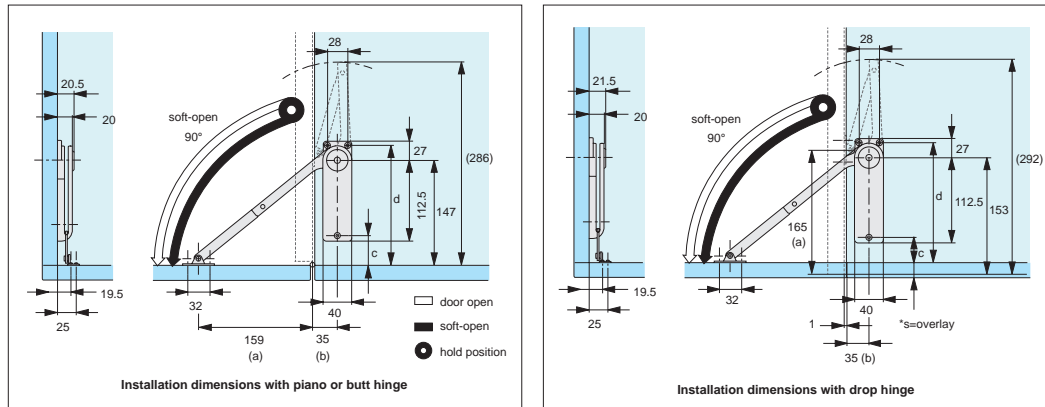
Installation Instructions

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



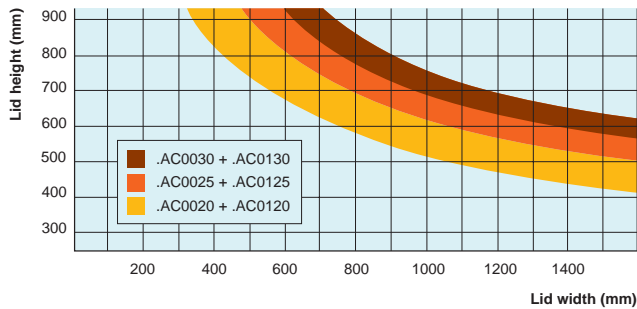
Heavy duty soft opening stay installation

| 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

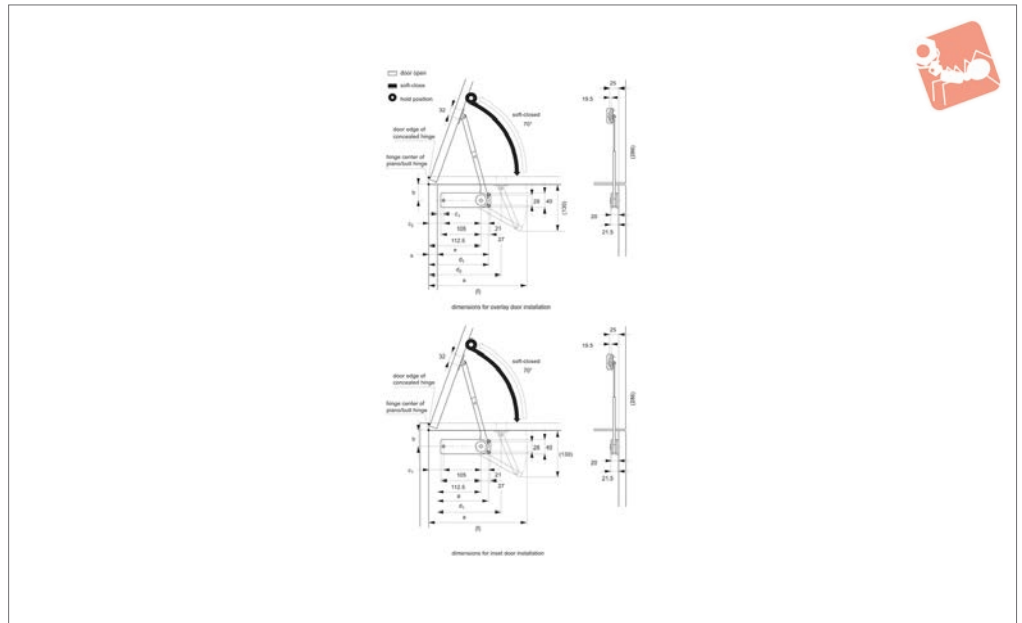
Check load bearing value (T)

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

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

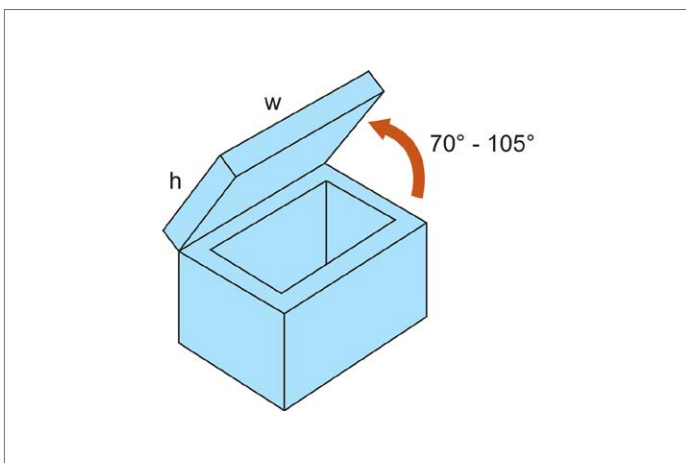
and slamming of lid.

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 |





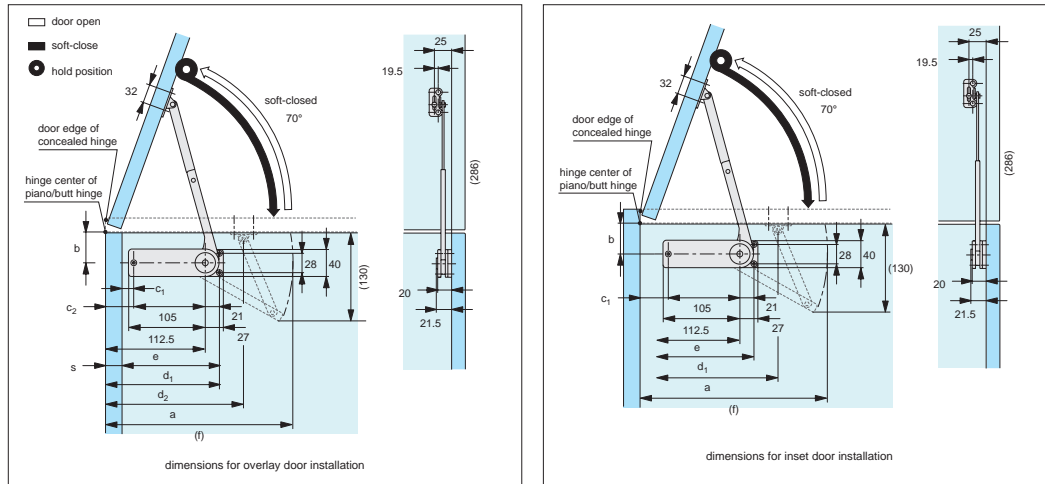
Installation Instructions

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



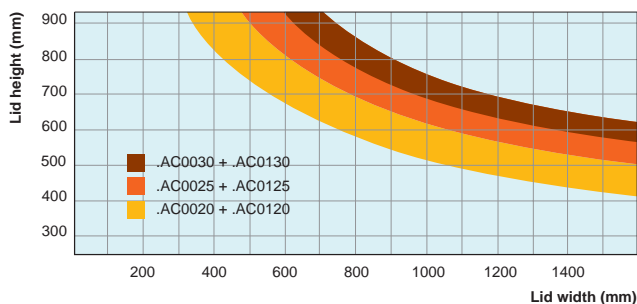
Heavy duty soft closing stay installation

| 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)

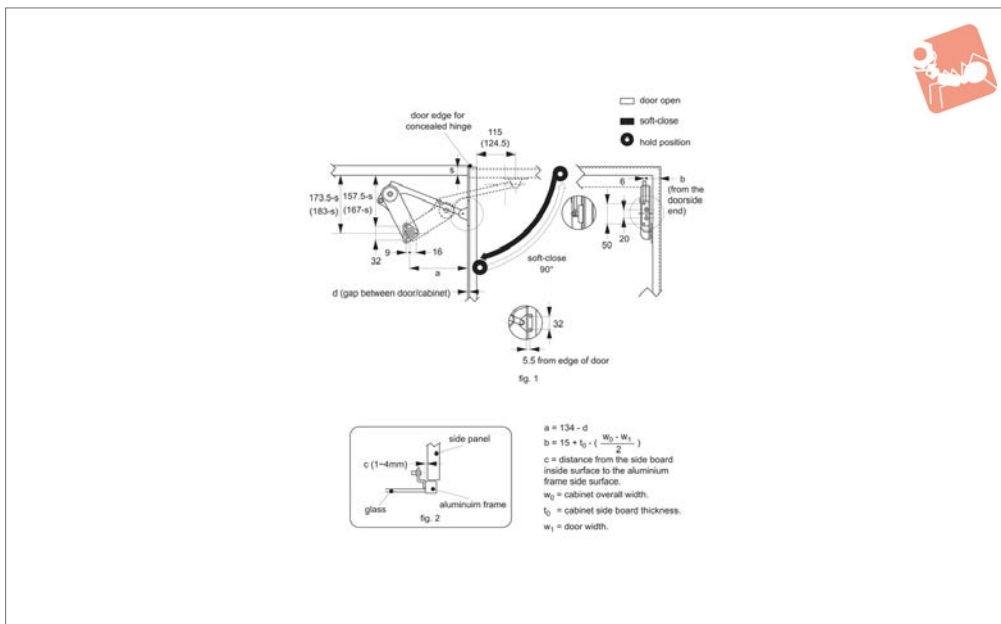
$$T (\text{load bearing value of stay Kg/cm}) = 1/2 \text{ door height cm} \times \text{door weight Kg}$$

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 |

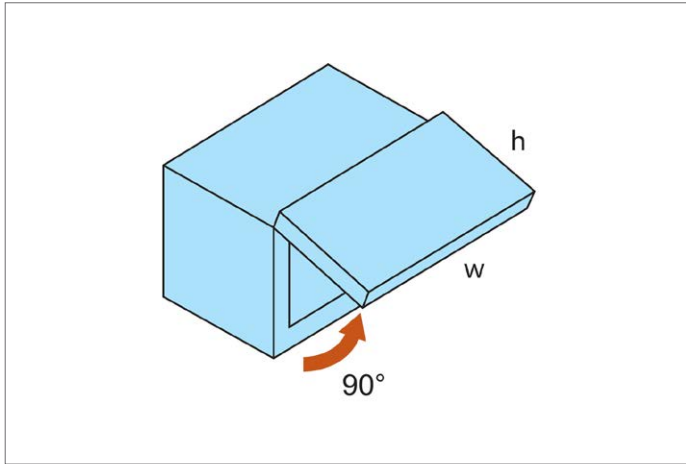
| Order No. | Acceptable load bearing pair 90° opening angle | | Acceptable load bearing pair 80° opening angle | |
|--------------|--|--|--|--|
| | kg/cm | | kg/cm | |
| | min. max. | | min. max. | |
| N0460.AC0017 | 140 to 179 | | 140 to 199 | |
| N0460.AC0021 | 180 to 219 | | 200 to 249 | |
| N0460.AC0025 | 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



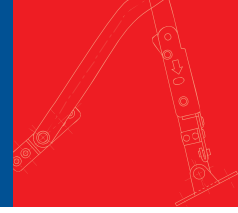
SOFT & SPRING STAYS












Wixroyd Soft Down

product selection charts

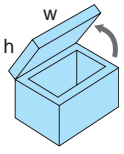
Stays



| | 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).

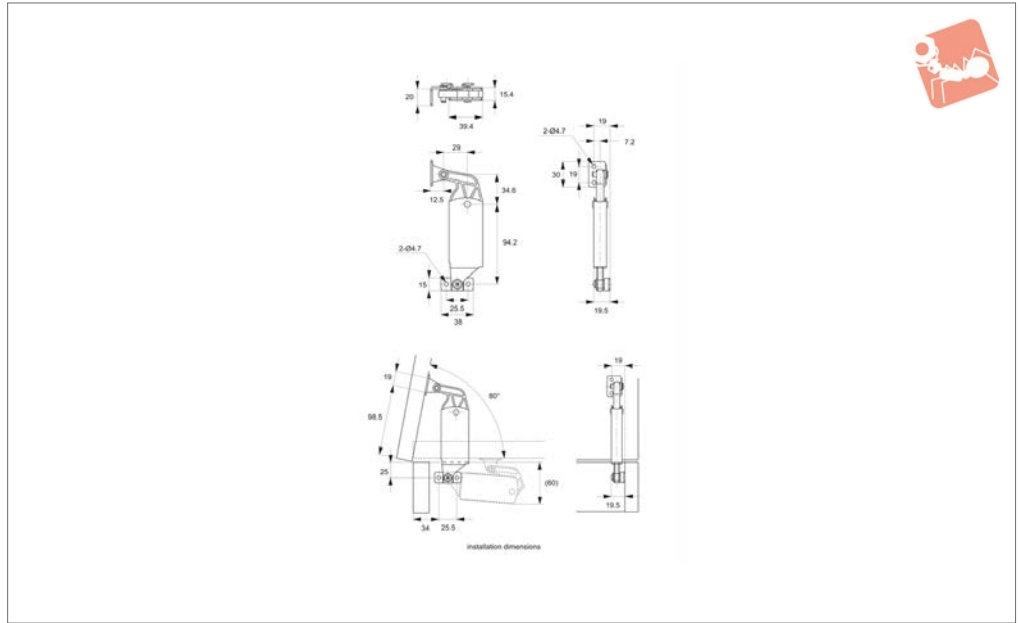
The application must be within both the min. and max. door weight range, as well as within the stated door heights, as shown in the table.

| | | 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.

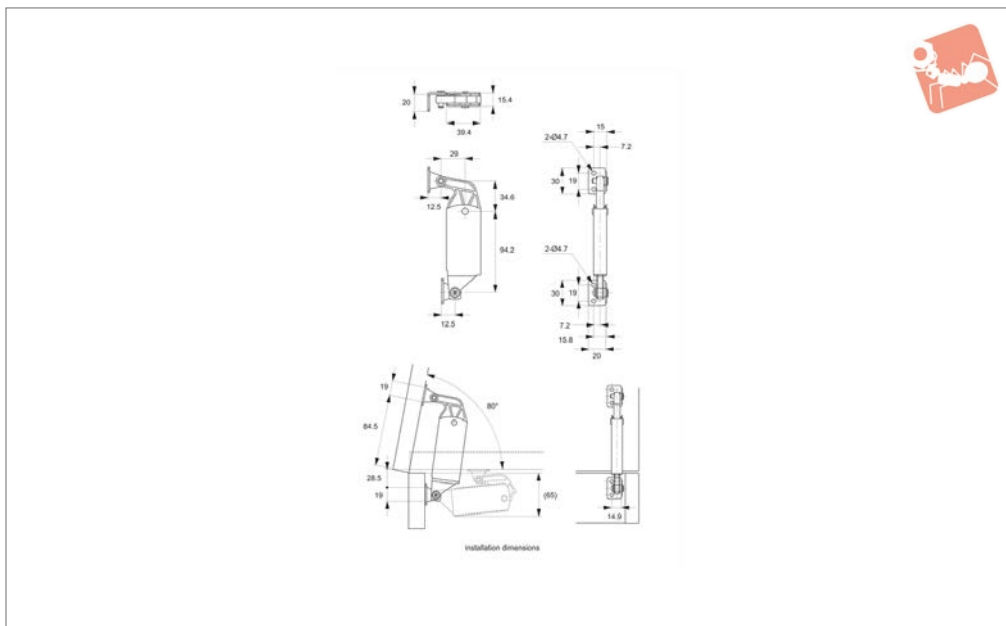
| Order No. | Torque per piece kgf/cm max. | Lift assist angle |
|--------------|------------------------------------|-------------------|
| N0024.AC0090 | 90 | 10° - 80° |
| N0024.AC0120 | 120 | 10° - 80° |



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° |



SOFT & SPRING STAYS

| | 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° |