

LIFTING  
SYSTEM

SQ Series

TOP-STAYS



# TOP-STAYS

The new experience of the lift-up door

Agile and Unconstrained,  
Innovation and Ingenuity



- A rigorous mechanical design, adjustable opening and hovering forces and closing speed
- A superb manufacturing process, gentle and quiet closing
- Stylish design with single and dual-colour cover caps



Quietness



Intelligence



Durability



Eco-Friendliness



The TOP-STAYS SQ series provides powerful features and excellent performance with easy assembly, 4D adjustment, easy opening, variable stop position and a fashionable design for modern kitchens.

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**DTC**  
Dedicated to Great

Smooth and unconstrained, comfortable and elegant  
— An entirely new experience of lift-up



The SQ lift-up support lifts the single door upwards making it suitable for wall cabinets as well as high cabinets.  
Places of application: Kitchen, living room, office and bathroom

- Opening angle 107°, making it possible to easily take without any constraint the articles inside the cabinet
- Silent and smooth closing
- Easy to open and stays at any desired position
- Adjustable soft-closing speed
- Adjustable opening and hovering forces
- Snap-fit mechanism makes installation and dismantling very easy
- Stylish design with single and dual-colour cover caps
- Suitable for wall cabinets with cornice
- High stability, even with wide doors

Opening and closing – Gentle and unconstrained



Easy to open

Opening angle 107°

Soft-closing and stays at any desired angle

The outstanding points



Seamless closing

Door position: 3D adjustable

Personal decorative cover

### CUSTOMIZED COVER CAPS

Single caps series



white



grey

Dual-colour caps series



white+ light grey



white+ nickel plated

Dual-colour caps series



gray+ dark grey



grey+ nickel plated

### PRODUCT



### DESCRIPTION

- Opening angle: 107°
- Cabinet width up to 1200mm
- Cabinet height: 250-600mm
- Door thickness: 16-28mm
- 3D door adjustments:  
Height adjustment: +/-2mm,  
Depth adjustment: +/-2mm,  
Side adjustment: +/-2mm,
- Easy to open, and stays at any desired position
- Adjustable hovering forces
- Tool free assembly and removal
- Single and dual-colour caps at your disposal

#### Power factor LF=

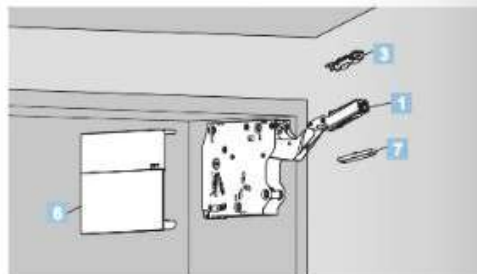
Cabinet height KH(mm) x door weight  
incl. double handle weight(kg)

Note: The power factor LF and the door weight can be increased by 50% when a third lift mechanism is used.

### ORDER INFORMATION

<b>1</b>		Lift Mechanism set/ Industrial Package Opening angle: 107°		
	Power Factor LF Dynamic	Item No.	Set/ctn	
	480-1250 Light	<b>SQ02BL</b>	10	
	960-2350 Medium	<b>SQ02BM</b>	10	
	1600-3600 Strong	<b>SQ02BH</b>	10	
	2500-4500 Extra Strong	<b>SQ02BC</b>	10	
<b>3</b>		Front Fixing-brackets set/Industrial Package For Narrow Alu Frames and Wide Alu Frames		
	Nickel Plated(A01)	Item No.	Set/ctn	
		<b>SQ08YQ</b>	200	
<b>5</b>		Single Caps(left/right) / Industrial Package Plastic		
	Colour	Item No.	Set/ctn	
	White	<b>SQJS03A</b>	20	
	Grey	<b>SQJS03B</b>	20	
<b>7</b>		Decoration cover for hinge arm / Industrial Package Nickel Plated(A01)		
	Item No.	Set/ctn		
	<b>S15H</b>	4000		

<b>2</b>		Opening angle restriction clip / Industrial Package Plastic		
	100°	Dark grey (H11)		
		Opening angle	Item No.	Pcs/ctn
	75°	100°	<b>SQW100</b>	1000
		75°	<b>SQW75</b>	1000
<b>4</b>		Narrow Alu Frame fixing-brackets set Industrial Package For Narrow Alu Frames		
	Nickel Plated(A01)	Item No.	Set/ctn	
		<b>SQ00H</b>	100	
		10 pcs Ø3.5X8.5mm countersunk screws included		
<b>6</b>		Dual-colour Caps(left/right) / Industrial Package Plastic		
	Colour	Item No.	Set/ctn	
	White+ light grey	<b>SQJS04A</b>	20	
	Grey+ dark grey	<b>SQJS04B</b>	20	
	White+ nickel plated	<b>SQJS04C</b>	20	
	Grey+ nickel plated	<b>SQJS04D</b>	20	



### ORDER INFORMATION

#### T1 Single Caps-Recommended Kit Package

Including:



Please select the corresponding kit package item No. according to power factor and cabinet height

Power Factor(LF)	Cabinet Height	Kit package item No. (white single caps)	Kit package item No. (grey single caps)
480-1250	250-400mm	<b>SQ02BL03A</b>	<b>SQ02BL03B</b>
960-2350	250-500mm	<b>SQ02BM03A</b>	<b>SQ02BM03B</b>
1600-3600		<b>SQ02BH03A</b>	<b>SQ02BH03B</b>
2500-4500	350-600mm	<b>SQ02BC03A</b>	<b>SQ02BC03B</b>

#### T2 Dual-colour Caps-Recommended Kit Package

Including:



Please select the corresponding kit package item No. according to power factor and cabinet height

Power Factor(LF)	Cabinet Height	Kit package item No. (White+ light grey caps)	Kit package item No. (Grey+ dark grey caps)
480-1250	250-400mm	<b>SQ02BL04A</b>	<b>SQ02BL04B</b>
960-2350		<b>SQ02BM04A</b>	<b>SQ02BM04B</b>
1600-3600	250-500mm	<b>SQ02BH04A</b>	<b>SQ02BH04B</b>
2500-4500	350-600mm	<b>SQ02BC04A</b>	<b>SQ02BC04B</b>

Please select the corresponding kit package item No. according to power factor and cabinet height

Power Factor(LF)	Cabinet Height	Kit package item No. (White+ nickel plated caps)	Kit package item No. (Grey+ nickel plated caps)
480-1250	250-400mm	<b>SQ02BL04C</b>	<b>SQ02BL04D</b>
960-2350	250-500mm	<b>SQ02BM04C</b>	<b>SQ02BM04D</b>
1600-3600		<b>SQ02BH04C</b>	<b>SQ02BH04D</b>
2500-4500	350-600mm	<b>SQ02BC04C</b>	<b>SQ02BC04D</b>

In the case of narrow alu frame application, order fixing-brackets SQ00H separately.

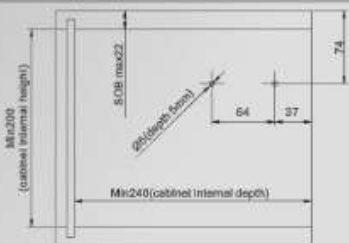
# TOP-STAYS

## SQ Series Lifting System

### PLANNING

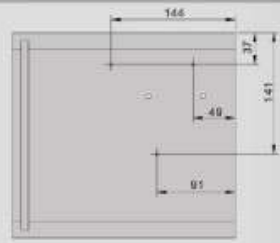
#### Installation Dimensions(mm)

##### Peg position and space requirement



SOB: top panel thickness

##### Fixing Position



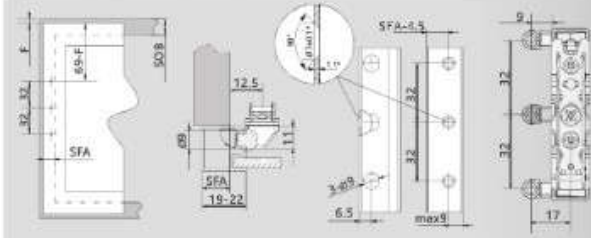
4x wooden screws Ø4X38mm

#### Door planning and assembly- wooden doors and wide alu frames



4 wooden screws for wooden doors (Ø4X16mm)  
SFA: door overlay of the side panel  
F: gap

#### Door planning and assembly- narrow alu frames

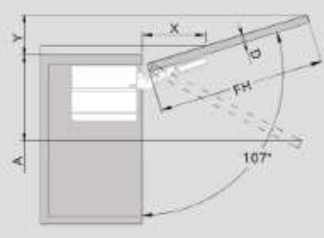


Frame width(mm)	19	20	21	22
SFA(mm)	15-19	16-20	17-21	18-22

10 countersunk screws for narrow alu frames (D3.5X8.5mm)

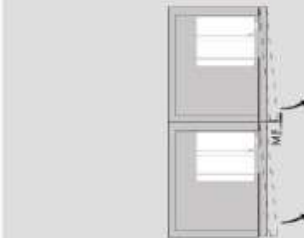
\*When changing material thickness, adjust the assembly dimensions accordingly

#### Comice/crown moulding clearance



D(mm)	16	19	22	26	28
X(mm)	70	58	49	35	26
Opening angle restriction	Space requirement (mm)				
without	$Y = FH \times 0.29 - 15 + D$				
100°	$Y = FH \times 0.17 - 15 + D$				
75°	$A = FH \times 0.26 + 15 - D$				

#### Minimum gap

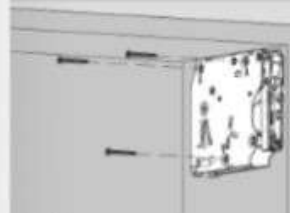


MF: Minimum gap 2mm

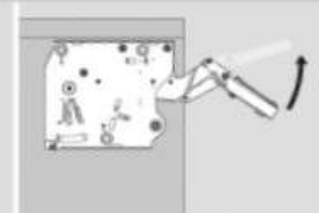
# TOP-STAYS

## Assembly, Removal and Adjustment(for SQ series Lifting System)

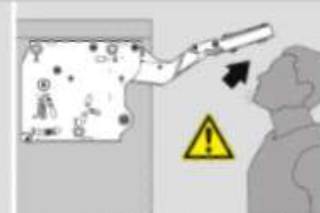
#### Assembly



Assembly



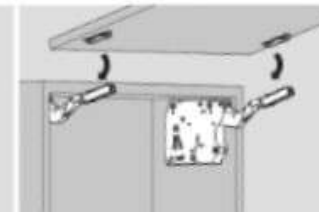
Caution when opening arm



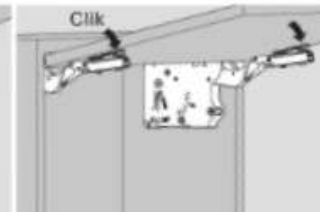
The arm of this device could spring up and cause injury. Do not push the arm down without door attached.



Panel Fastener Installation

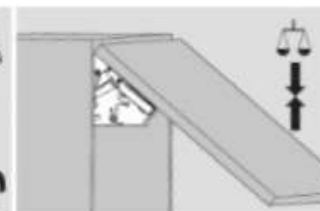
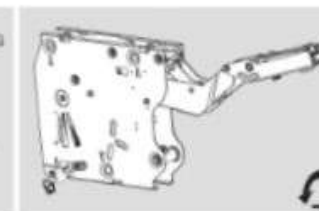
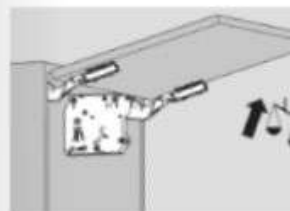
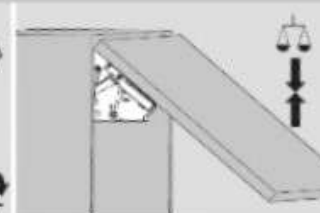
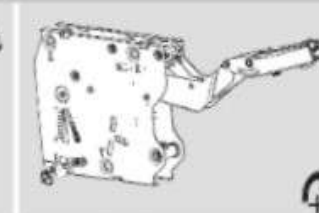


Door Assembly



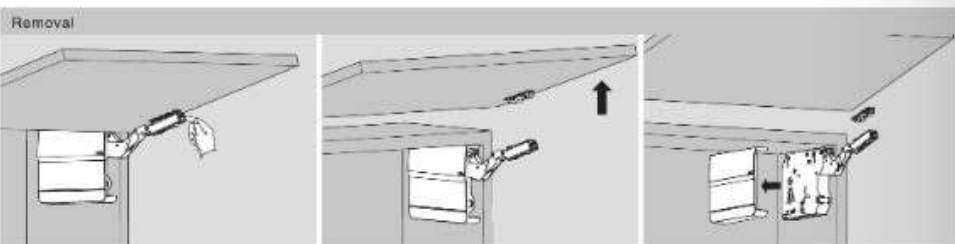
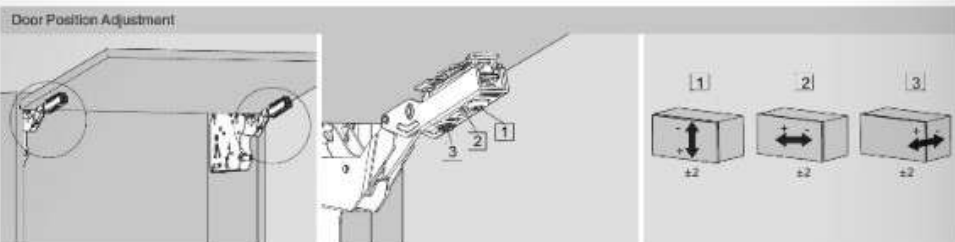
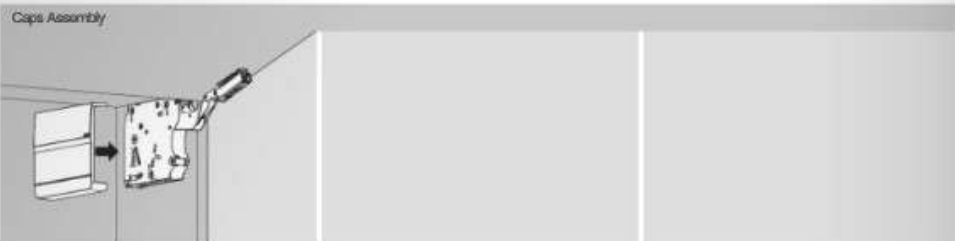
Click

#### Moving Adjustment



# TOP-STAYS

Assembly, Removal and Adjustment (for SQ series Lifting System)

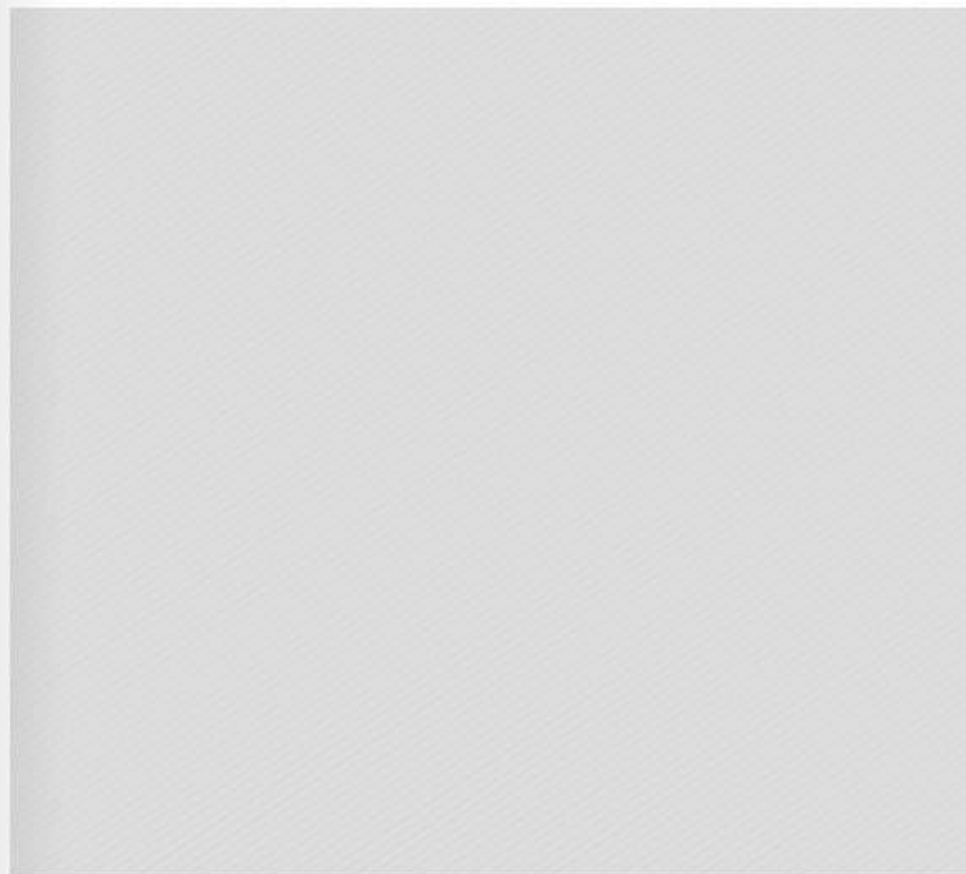


The arm of this device could spring up and cause injury!

Do not push the arm down without door attached



Assembly



### PRODUCT



### DESCRIPTION

- Opening angle: 107°
- Cabinet width up to 1200mm
- Cabinet height: 250-600mm
- Door thickness: 16-28mm
- 3D door adjustments:  
Height adjustment: +/-2mm,  
Depth adjustment: +/-2mm,  
Side adjustment: +/-2mm,
- Handle-less, stays at any desired position
- Adjustable hovering forces
- Tool free assembly and removal
- Single and dual-colour caps at your disposal

**Power factor LF=**  
Cabinet height KH(mm) x door weight  
Incl. double handle weight(kg)

**Note:** The power factor LF and the door weight can be increased by 50% when a third lift mechanism is used.

### ORDER INFORMATION

	Lift Mechanism set/ Industrial Package Opening angle: 107°		
	Power Factor LF Dynamic	Item No.	Set/ctn
	580-1350 Light	<b>SQ2FBL</b>	10
	1060-2450 Medium	<b>SQ2FBM</b>	10
	1800-4000 Strong	<b>SQ2FBH</b>	10
	2600-5000 Extra Strong	<b>SQ2FBC</b>	10
	Front Fixing-brackets set/Industrial Package For Wooden Door and Wide Alu Frames		
	Nickel Plated(A01)	Item No.	Set/ctn
		<b>SQ00YQ</b>	200
	Single Caps(left/right) / Industrial Package Plastic		
	Colour	Item No.	Set/ctn
	White	<b>SQJS03A</b>	20
	Grey	<b>SQJS03B</b>	20
	Decoration cover for hinge arm / Industrial Package Nickel Plated(A01)		
		Item No.	Set/ctn
		<b>S15H</b>	4000

	Opening angle restriction clip / Industrial Package Plastic		
	100°	Dark grey (H11)	
	75°		
	Opening angle	Item No.	Pcs/ctn
	100°	<b>SQW100</b>	1000
	75°	<b>SQW75</b>	1000
	Narrow Alu Frame fixing-brackets set Industrial Package For Narrow Alu Frames		
	Nickel Plated(A01)	Item No.	Set/ctn
		<b>SQ00H</b>	100
	10 pcs Φ3.5X9.5mm countersunk screws included		
	Dual-colour Caps(left/right) / Industrial Package Plastic		
	Colour	Item No.	Set/ctn
	White+ light gray	<b>SQJS04A</b>	20
	Grey+ dark gray	<b>SQJS04B</b>	20
	White+ nickel plated	<b>SQJS04C</b>	20
	Grey+ nickel plated	<b>SQJS04D</b>	20
	Insert-type Magnetic Push Latch/Industrial Package		
		Item No.	Pcs/ctn
		<b>MS-A011A</b>	200

Alternative-Push Latch see page 200



### ORDER INFORMATION

#### T1 Single Caps-Recommended Kit Package

Including:



Please select the corresponding kit package item No. according to power factor and cabinet height

Power Factor(LF)	Cabinet Height	Kit package item No. (white single caps)	Kit package item No. (grey single caps)
580-1350	250-400mm	<b>SQ2FBL03A</b>	<b>SQ2FBL03B</b>
1060-2450	250-500mm	<b>SQ2FBM03A</b>	<b>SQ2FBM03B</b>
1800-4000	250-500mm	<b>SQ2FBH03A</b>	<b>SQ2FBH03B</b>
2600-5000	350-600mm	<b>SQ2FBC03A</b>	<b>SQ2FBC03B</b>

#### T2 Dual-colour Caps-Recommended Kit Package

Including:



Please select the corresponding kit package item No. according to power factor and cabinet height

Power Factor(LF)	Cabinet Height	Kit package item No. (White+ light grey caps)	Kit package item No. (Grey+ dark grey caps)
580-1350	250-400mm	<b>SQ2FBL04A</b>	<b>SQ2FBL04B</b>
1060-2450	250-500mm	<b>SQ2FBM04A</b>	<b>SQ2FBM04B</b>
1800-4000	250-500mm	<b>SQ2FBH04A</b>	<b>SQ2FBH04B</b>
2600-5000	350-600mm	<b>SQ2FBC04A</b>	<b>SQ2FBC04B</b>

Please select the corresponding kit package item No. according to power factor and cabinet height

Power Factor(LF)	Cabinet Height	Kit package item No. (White+ nickel plated caps)	Kit package item No. (Grey+ nickel plated caps)
580-1350	250-400mm	<b>SQ2FBL04C</b>	<b>SQ2FBL04D</b>
1060-2450	250-500mm	<b>SQ2FBM04C</b>	<b>SQ2FBM04D</b>
1800-4000	250-500mm	<b>SQ2FBH04C</b>	<b>SQ2FBH04D</b>
2600-5000	350-600mm	<b>SQ2FBC04C</b>	<b>SQ2FBC04D</b>

In the case of narrow alu frame application, order fixing-brackets SQ00H separately.

# TOP-STAYS

SQ Series Push-open Lifting System

## PLANNING

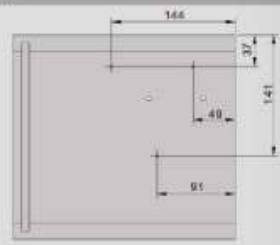
### Installation Dimensions(mm)

#### Peg position and space requirement



SQB: top panel thickness

#### Fixing Position



4x wooden screws Ø4X38mm

#### Door planning and assembly- wooden doors and wide alu frames

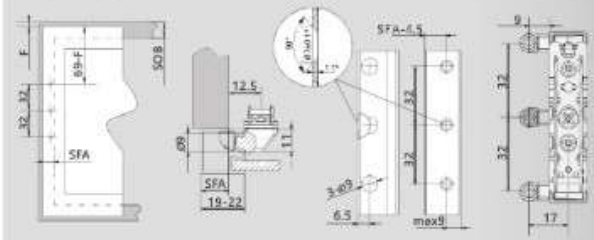


4 wooden screws for wooden doors (Ø4X16mm)

SFA: door overlay of the side panel

F: gap

#### Door planning and assembly- narrow alu frames

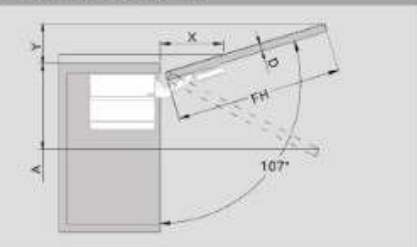


Frame width(mm)	19	20	21	22
SFA(mm)	15-19	16-20	17-21	18-22

10 countersunk screws for narrow alu frames (Ø3.5X8.5mm)

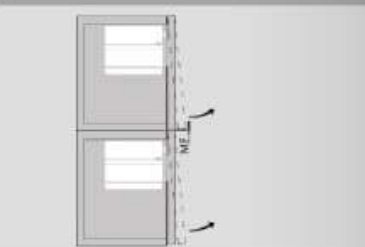
\*When changing material thickness, adjust the assembly dimensions accordingly

#### Cornice/crown moulding clearance



D (mm)	16	19	22	26	28
X (mm)	70	58	49	35	26
Opening angle restriction		Space requirement (mm)			
without		$Y = FH \times 0.29 - 15 + D$			
100°		$Y = FH \times 0.17 - 15 + D$			
75°		$A = FH \times 0.26 + 15 - D$			

#### Minimum gap

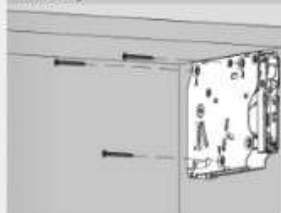


MP: Minimum gap 2mm

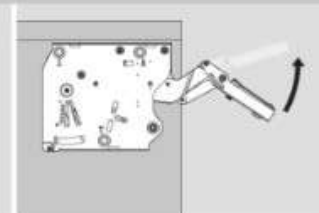
# TOP-STAYS

Assembly, Removal and Adjustment (for SQ Series Push-open Lifting System)

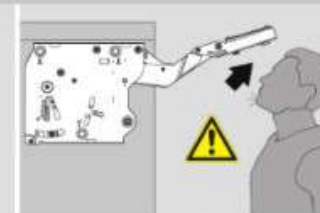
### Assembly



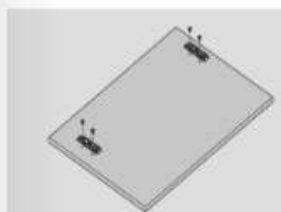
Assembly



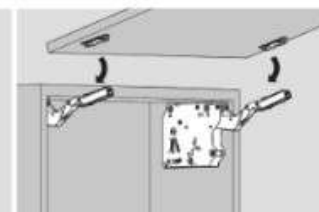
Caution when opening arm



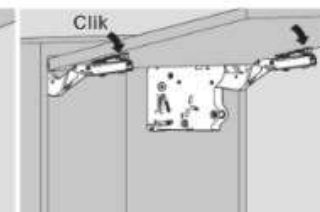
The arm of this device could spring up and cause injury. Do not push the arm down without door attached.



Panel Fastener Installation

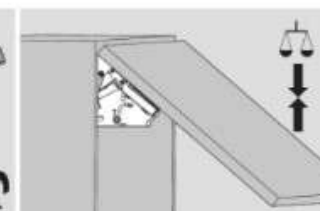
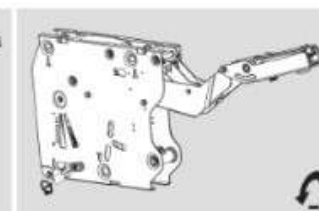
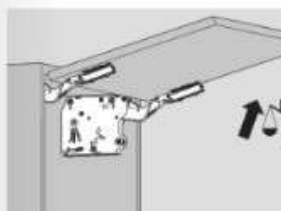
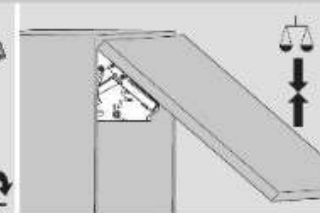
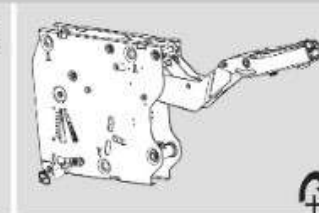
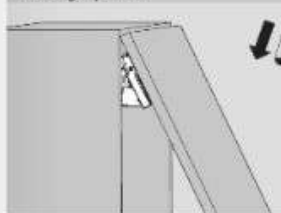


Door Assembly



Click

### Hovering Adjustment

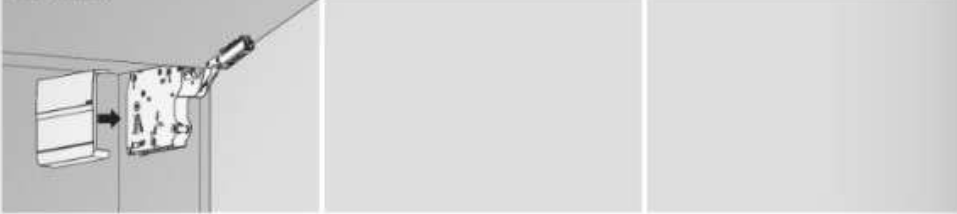




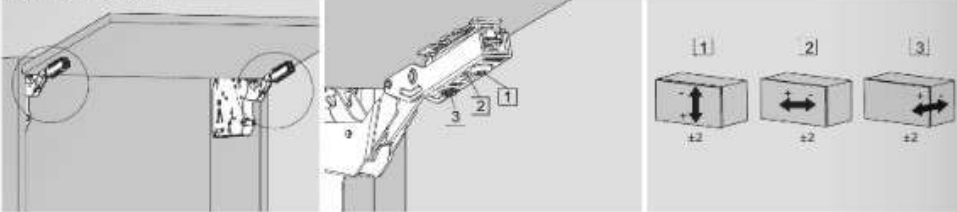
# TOP-STAYS

Assembly, Removal and Adjustment (for SQ Series Push-open Lifting System)

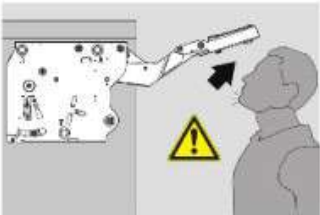
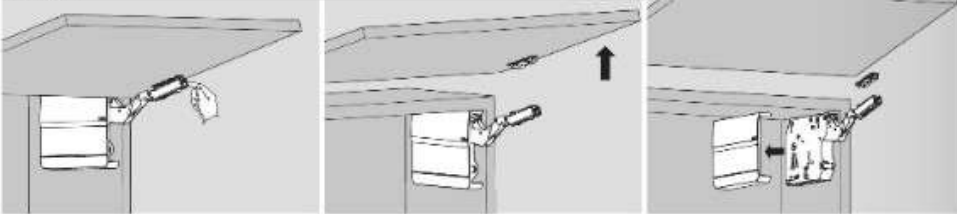
## Caps Assembly



## Door Position Adjustment



## Removal



The arm of this device could spring up and cause injury!

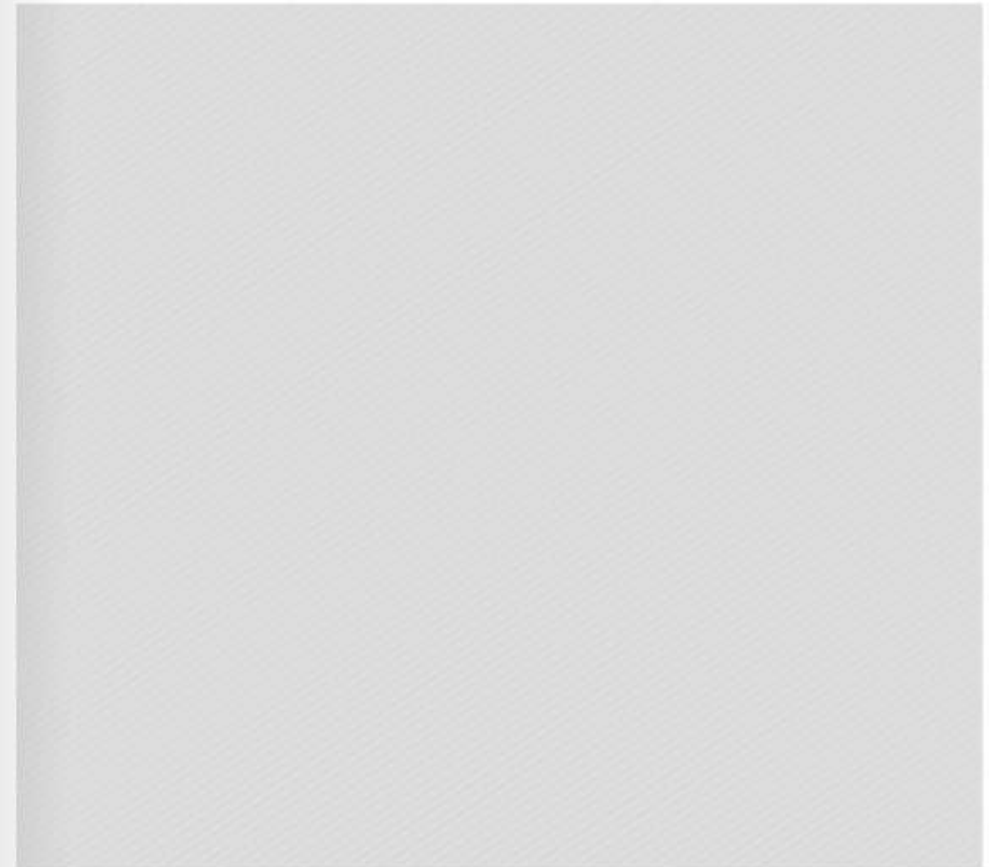


Do not push the arm down without door attached

## Opening angle restriction clip



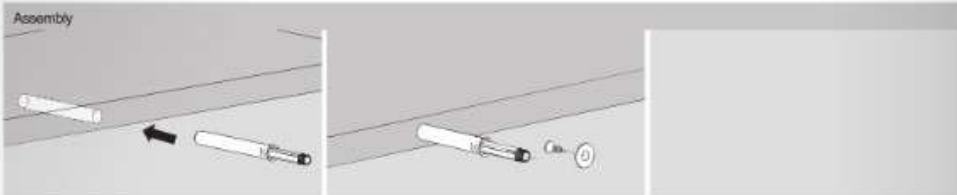
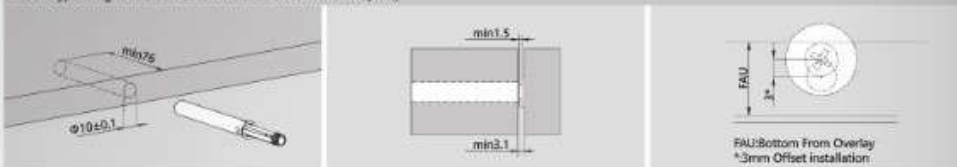
## Assembly



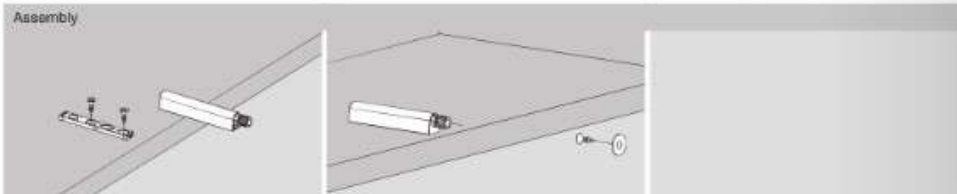
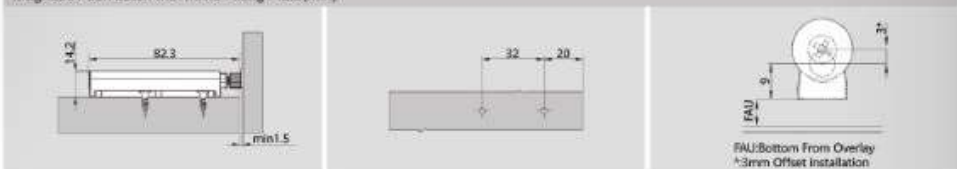


### PLANNING

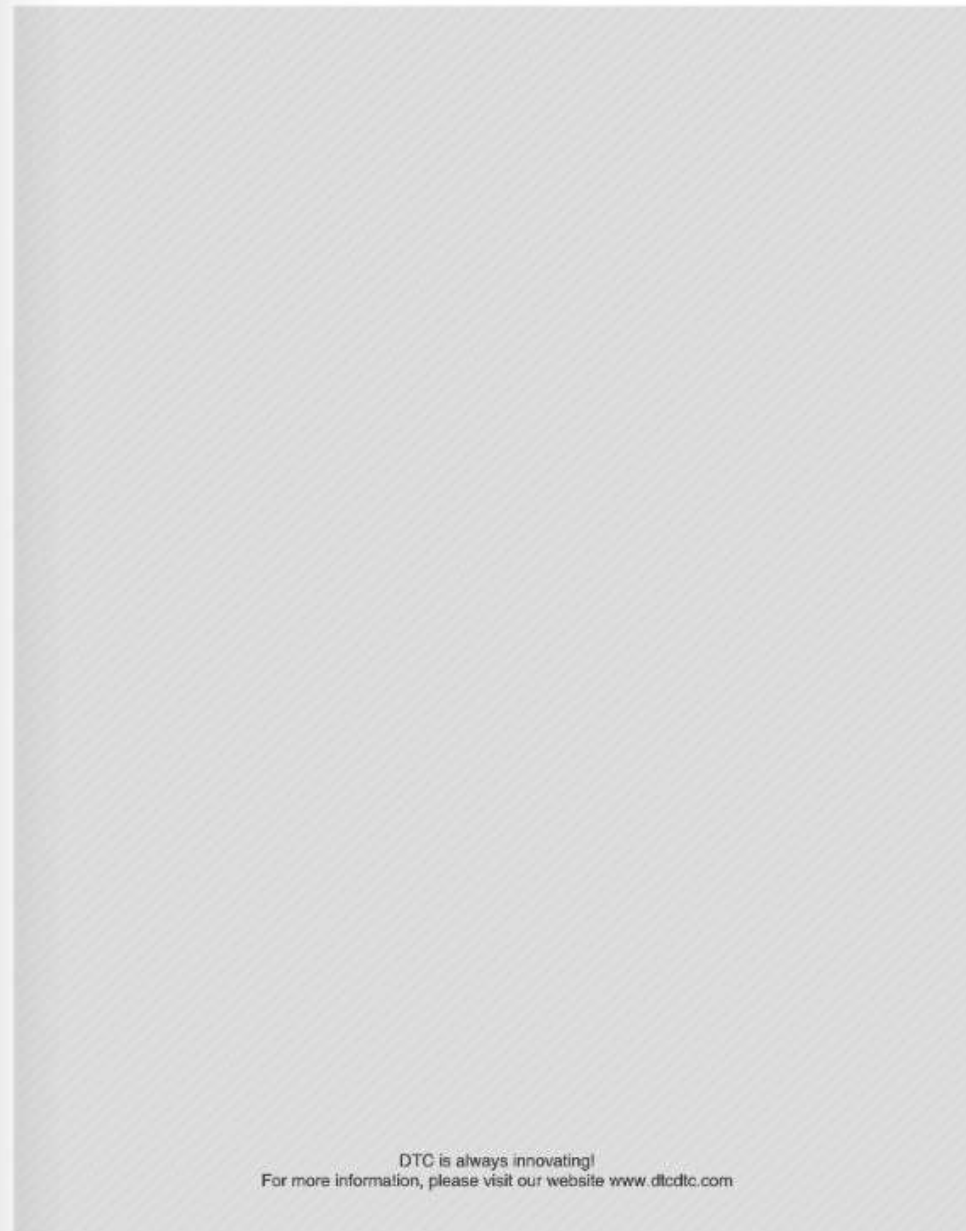
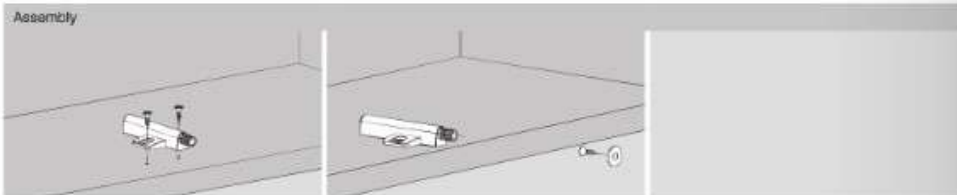
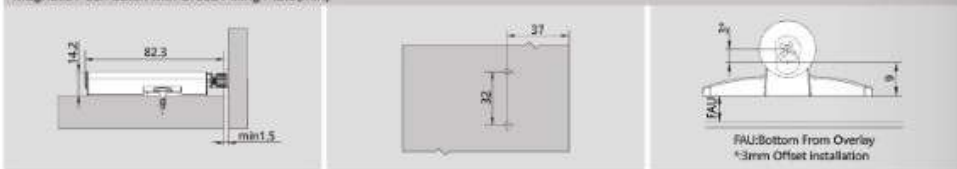
Insert-type Magnetic Push Latch Installation Dimensions(mm)



Magnetic Push Latch with In-line Fixing Plate(mm)



Magnetic Push Latch with Cross Fixing Plate(mm)



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