

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.

DTC
Global Quality Benchmark

TOP-STAYS

SQ Series Lifting System

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



grey+ 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

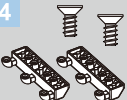
Power factor LF=

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

1	Lift Mechanism set/ Industrial Package Opening angle:107°			
	Power Factor LF Dynamic	Item No.	Set/ctn	
	480-1250	Light	SQ02BL	10
	960-2350	Medium	SQ02BM	10
	1600-3600	Strong	SQ02BH	10
3	Front Fixing-brackets set/Industrial Package For Wooden Door and Wide Alu Frames			
	Nickel Plated(A01)			
		Item No.	Set/ctn	
		SQ00YQ	200	
5	Single Caps(left/right) / Industrial Package Plastic			
	Colour	Item No.	Set/ctn	
	White	SQJS03A	20	
	Grey	SQJS03B	20	
7	Decoration cover for hinge arm /Industrial Package Nickel Plated(A01)			
		Item No.	Set/ctn	
		S15H	4000	

2		Opening angle restriction clip / Industrial Package		
	100°	Plastic		
		Dark Grey(H11)		
		Opening angle	Item No.	Pcs/ctn
		100°	SQW100	1000
		75°	SQW75	1000
4		Narrow Alu Frame fixing-brackets set		
		Industrial Package		
		For Narrow Alu Frames		
		Nickel Plated(A01)		
			Item No.	Set/ctn
			SQ00H	100
10 pcs Φ3.5X8.5mm countersunk screws included				
6		Dual-colour Caps(left/right) / Industrial Package		
		Plastic		
		Colour	Item No.	Set/ctn
		White+ light grey	SQJS04A	20
		Grey+ dark grey	SQJS04B	20
		White+ nickel plated	SQJS04C	20
Grey+ nickel plated	SQJS04D	20		

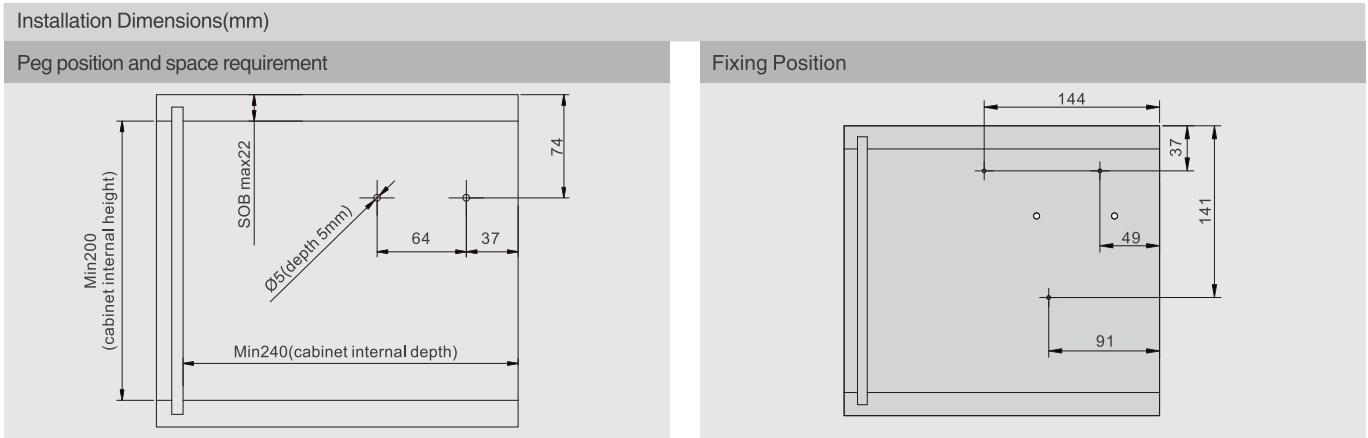
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SQ Series Lifting System

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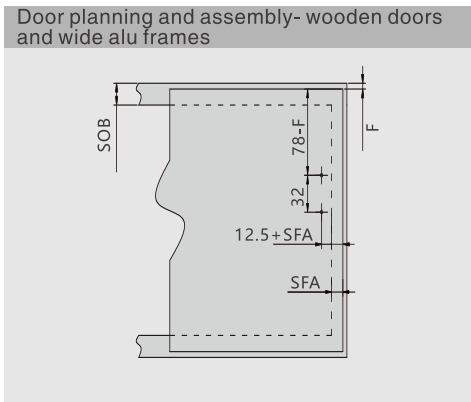
Assembly , Removal and Adjustment(for SQ series Lifting System)

PLANNING

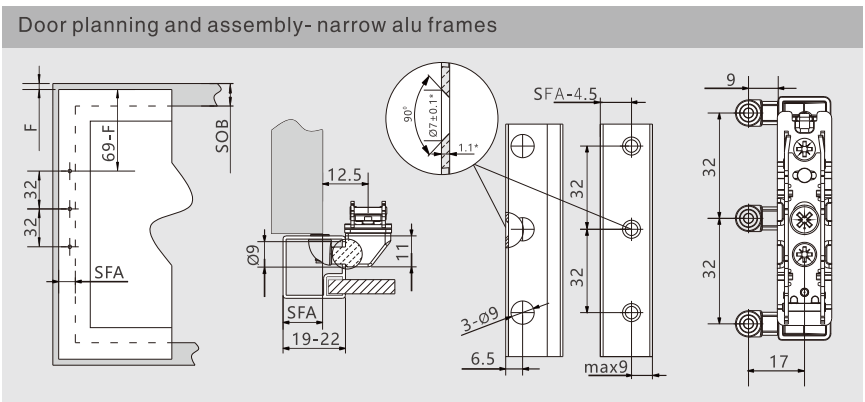


SOB: top panel thickness

4x wooden screws Ø4X38mm

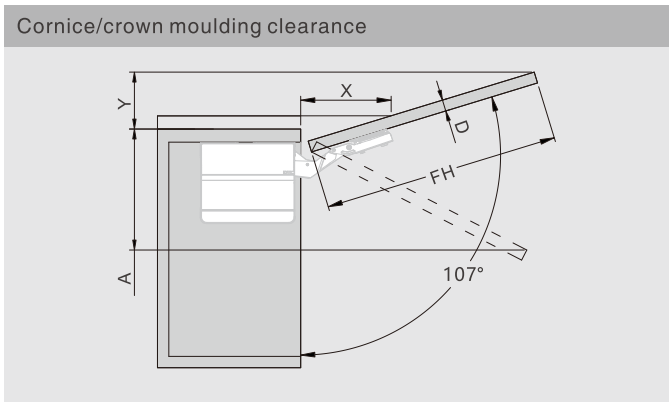


4 wooden screws for wooden doors (Ø4X16mm)
SFA: door overlay of the side panel
F: gap

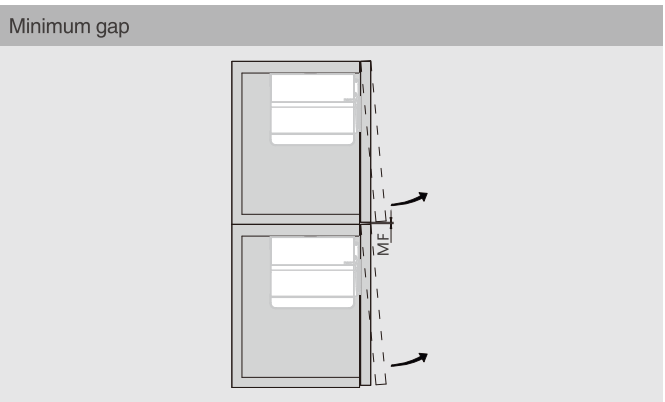


Frame width(mm)	19	20	21	22
SFA(mm)	15~19	16~20	17~21	18~22

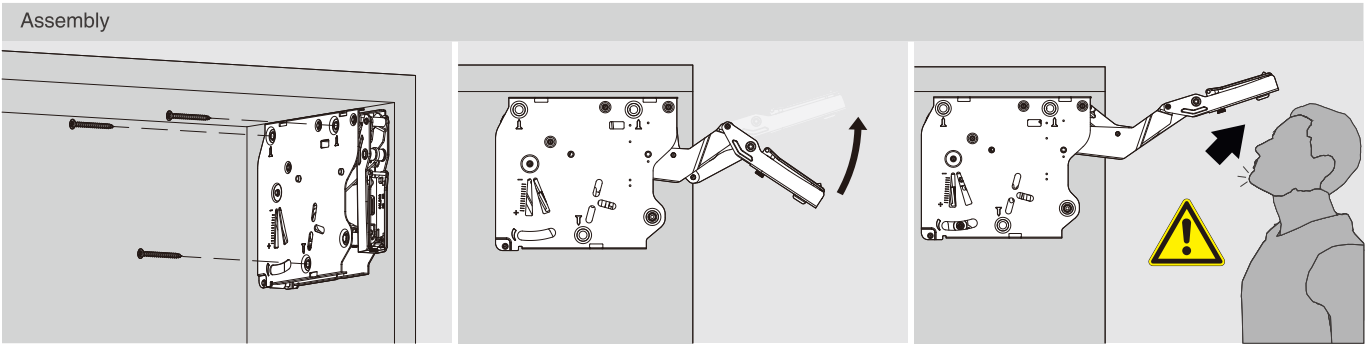
10 countersunk screws for narrow alu frames (Φ3.5X8.5mm)
*When changing material thickness, adjust the assembly dimensions accordingly



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



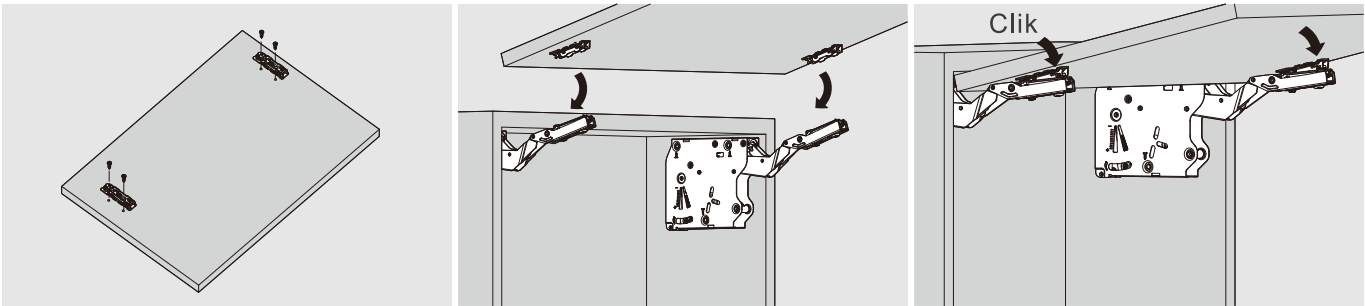
MF: Minimum gap 2mm



Assembly

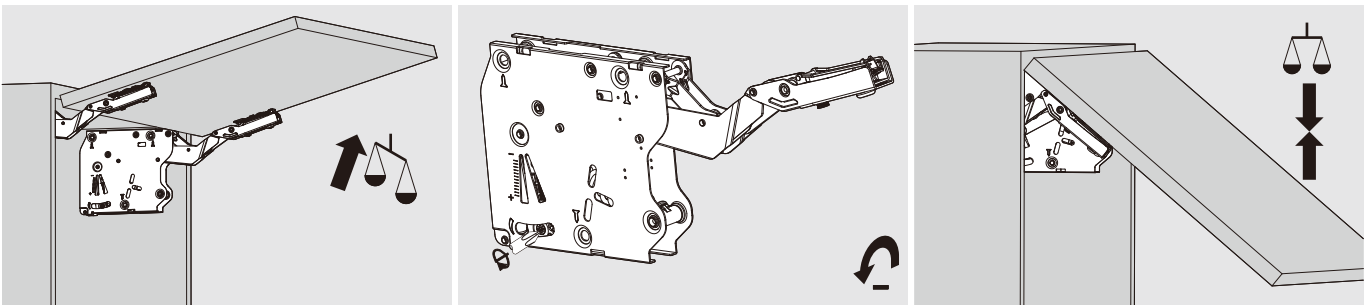
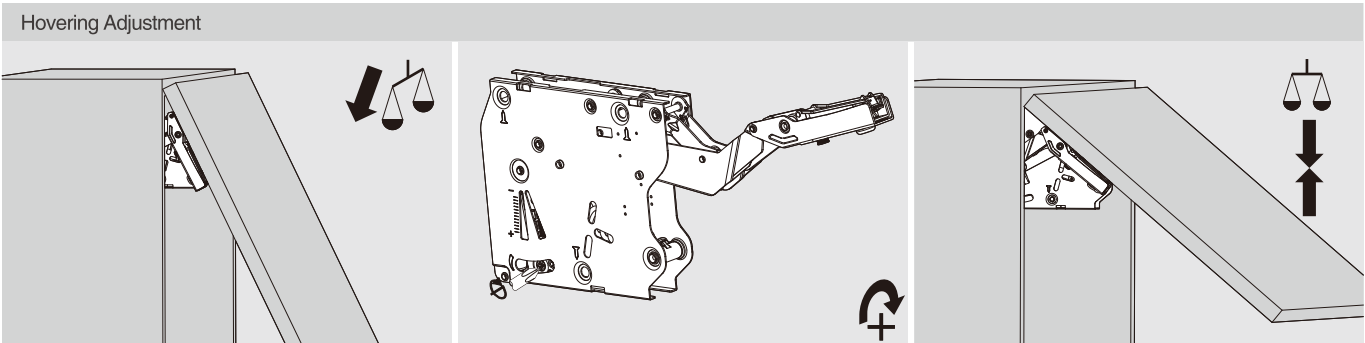
Caution when opening arm

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



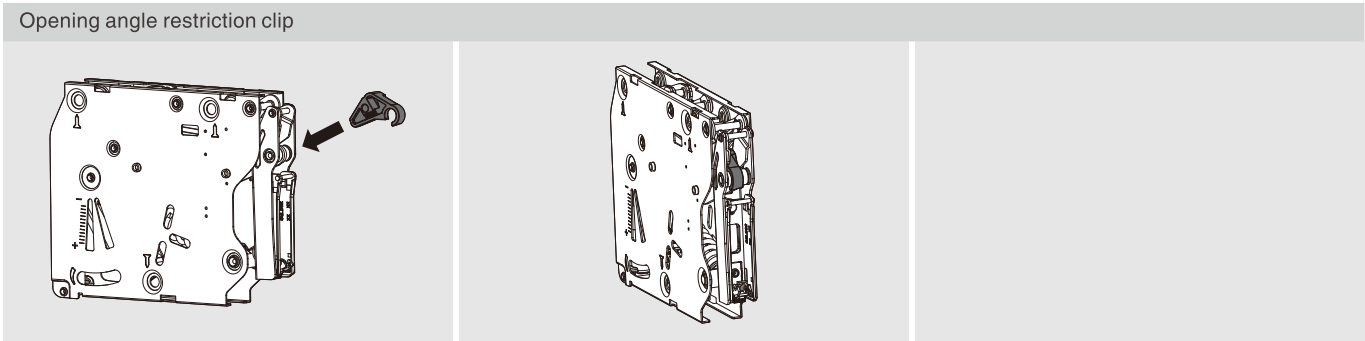
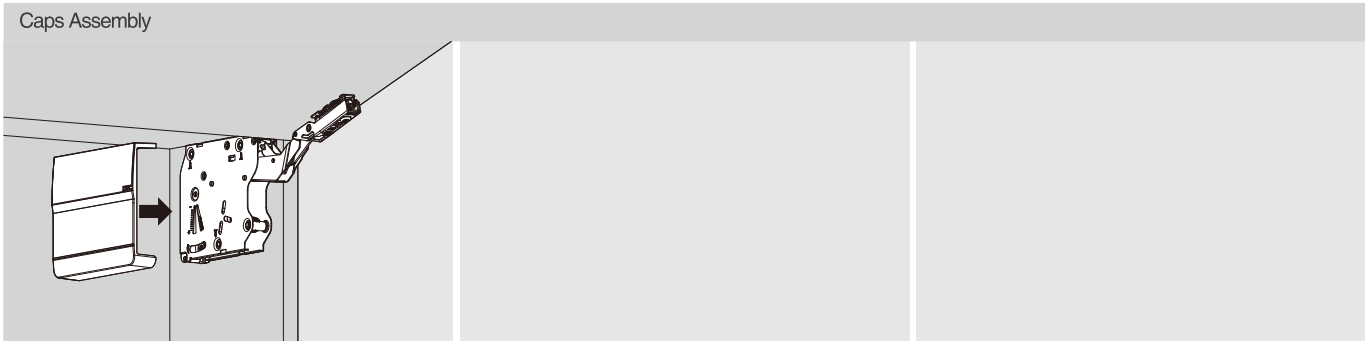
Panel Fastener Installation

Door Assembly

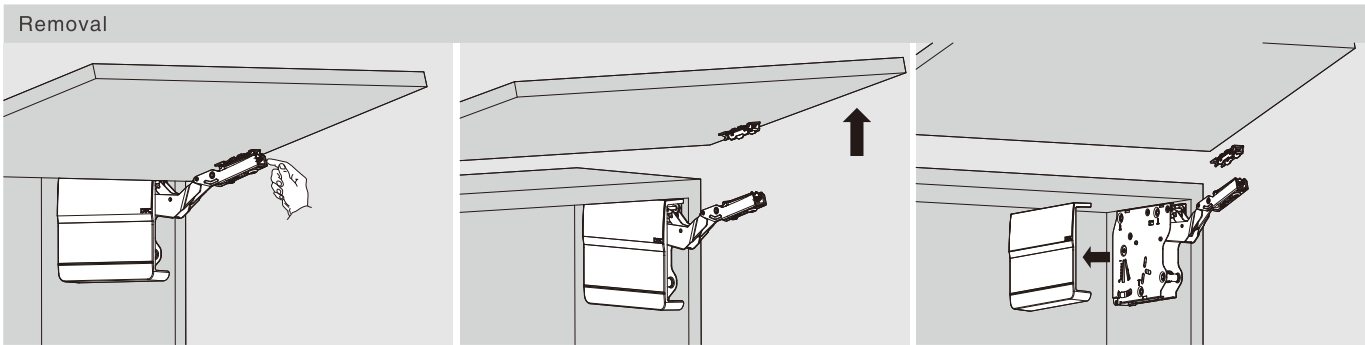
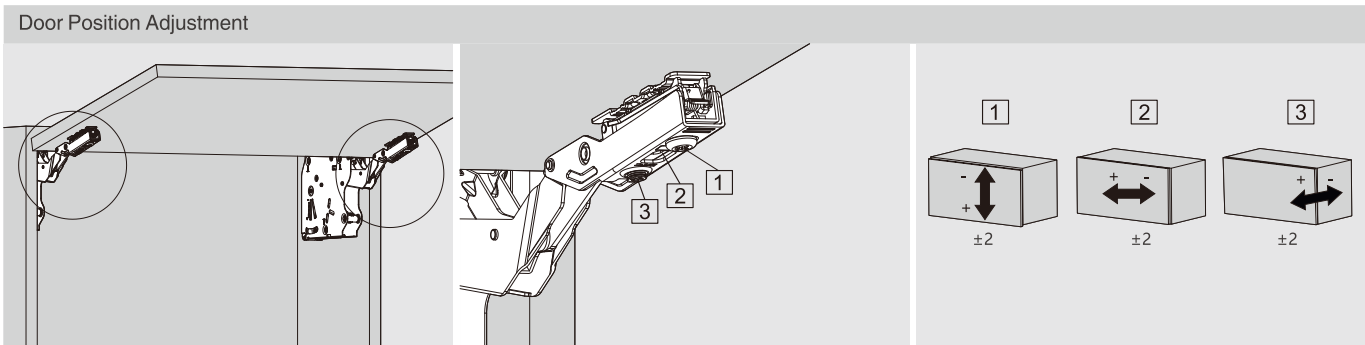


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Assembly , Removal and Adjustment(for SQ series Lifting System)



Assembly



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

Do not push the arm down without door attached

TOP-STAYS

SQ Series Push-open Lifting System



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

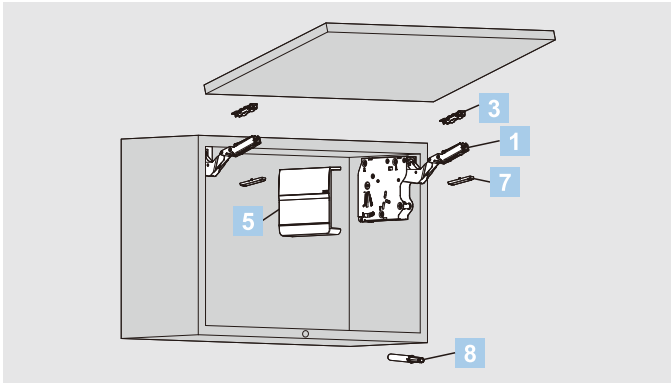
Power factor LF=

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.

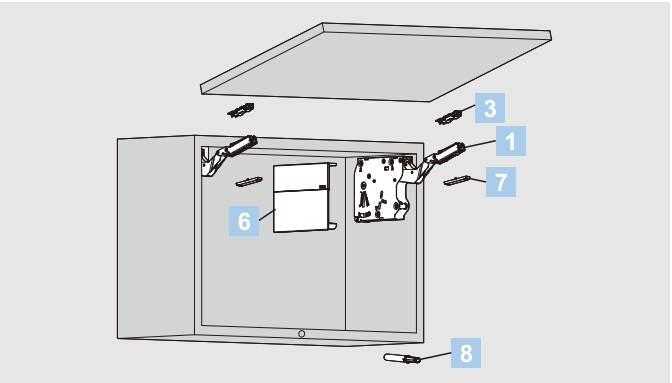
ORDER INFORMATION

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



2	Opening angle restriction clip / Industrial Package Plastic			
	100°	Dark Grey(H11)		
	75°			
4	Narrow Alu Frame fixing-brackets set Industrial Package For Narrow Alu Frames			
	Nickel Plated(A01)	Item No.	Set/ctn	
		SQ00H	100	
6	Dual-colour Caps(left/right) / Industrial Package Plastic			
	Colour	Item No.	Set/ctn	
	White+ light grey	SQJS04A	20	
	Grey+ dark grey	SQJS04B	20	
	White+ nickel plated	SQJS04C	20	
	Grey+ nickel plated	SQJS04D	20	
8	Insert-type Magnetic Push Latch/Industrial Package			
		Item No.	Pcs/ctn	
		MS-A011A	200	

Alternative:Push Latch see page 144



ORDER INFORMATION

T1 Single Caps-Recommended Kit Package

Including:

1x lift mechanism set	1x single caps set	1x front fixing-brackets set	2 X Decoration cover for hinge arm	1 X Insert-type Magnetic Push Latch	6x wooden screw Ø4X38mm	5x wooden screw Ø4X16mm
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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	SQ2FBL03A	SQ2FBL03B
1060-2450	250-500mm	SQ2FBM03A	SQ2FBM03B
1800-4000	250-500mm	SQ2FBH03A	SQ2FBH03B
2600-5000	350-600mm	SQ2FBC03A	SQ2FBC03B

T2 Dual-colour Caps-Recommended Kit Package

Including:

1x lift mechanism set	1x dual-colour caps set	1x front fixing-brackets set	2 X Decoration cover for hinge arm	1 X Insert-type Magnetic Push Latch	6x wooden screw Ø4X38mm	5x wooden screw Ø4X16mm
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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	SQ2FBL04A	SQ2FBL04B
1060-2450	250-500mm	SQ2FBM04A	SQ2FBM04B
1800-4000	250-500mm	SQ2FBH04A	SQ2FBH04B
2600-5000	350-600mm	SQ2FBC04A	SQ2FBC04B

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	SQ2FBL04C	SQ2FBL04D
1060-2450	250-500mm	SQ2FBM04C	SQ2FBM04D
1800-4000	250-500mm	SQ2FBH04C	SQ2FBH04D
2600-5000	350-600mm	SQ2FBC04C	SQ2FBC04D

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

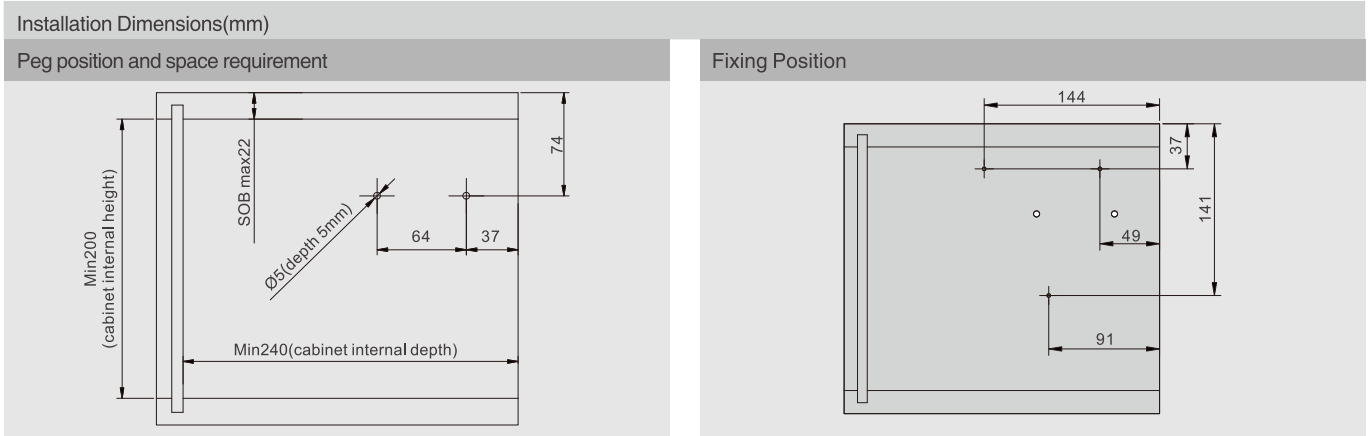
TOP-STAYS

SQ Series Push-open Lifting System

TOP-STAYS

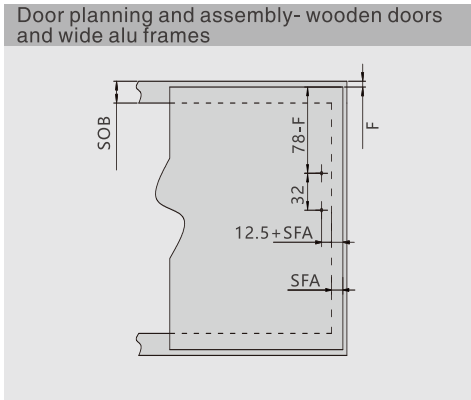
Assembly , Removal and Adjustment(for SQ Series Push-open Lifting System)

PLANNING

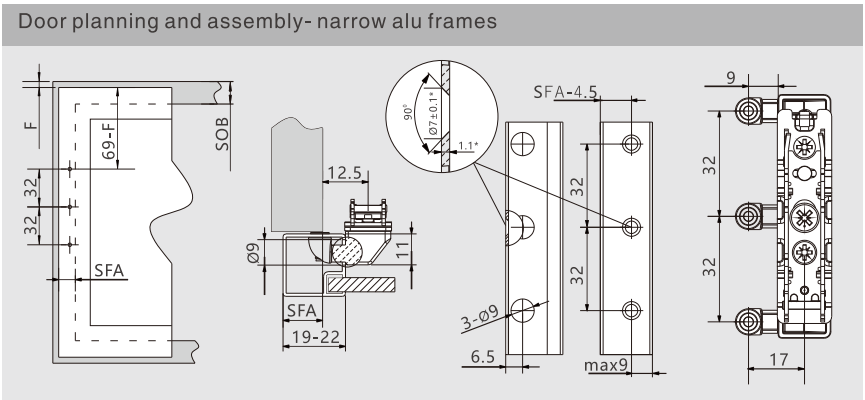


SOB: top panel thickness

4x wooden screws Ø4X38mm

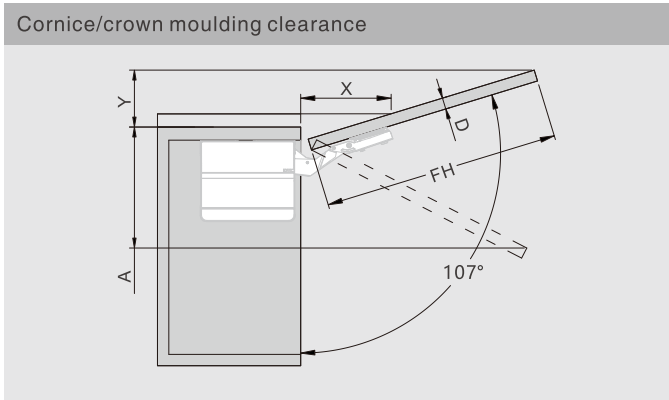


4 wooden screws for wooden doors (Ø4X16mm)
SFA: door overlay of the side panel
F: gap

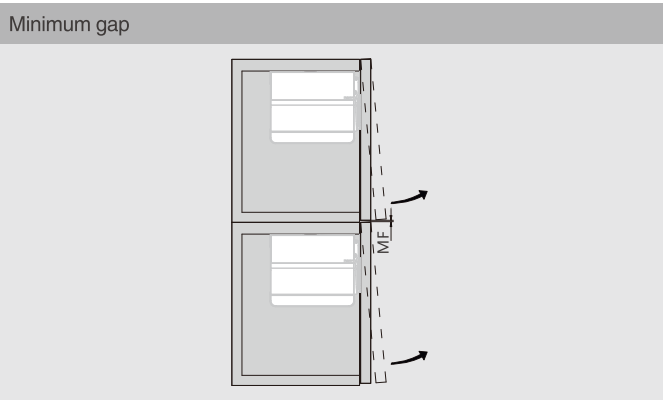


Frame width(mm)	19	20	21	22
SFA(mm)	15~19	16~20	17~21	18~22

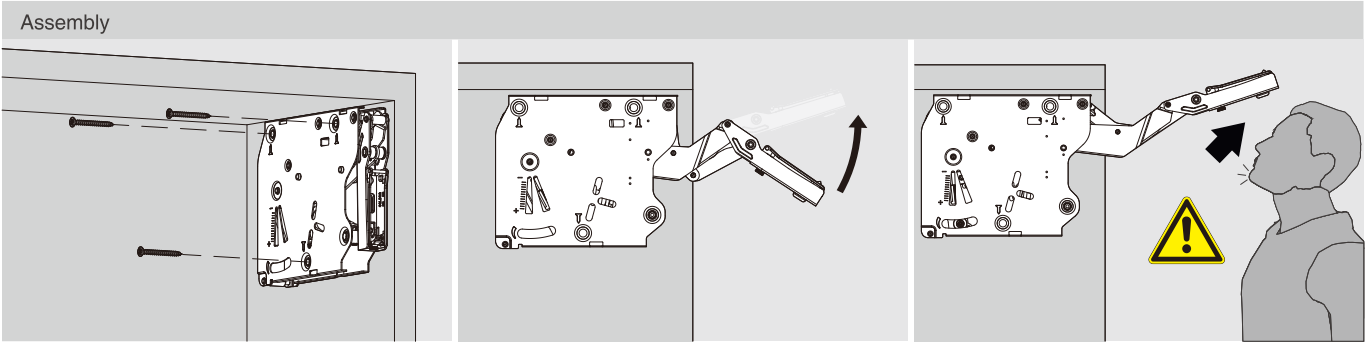
10 countersunk screws for narrow alu frames (Φ3.5X8.5mm)
*When changing material thickness, adjust the assembly dimensions accordingly



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



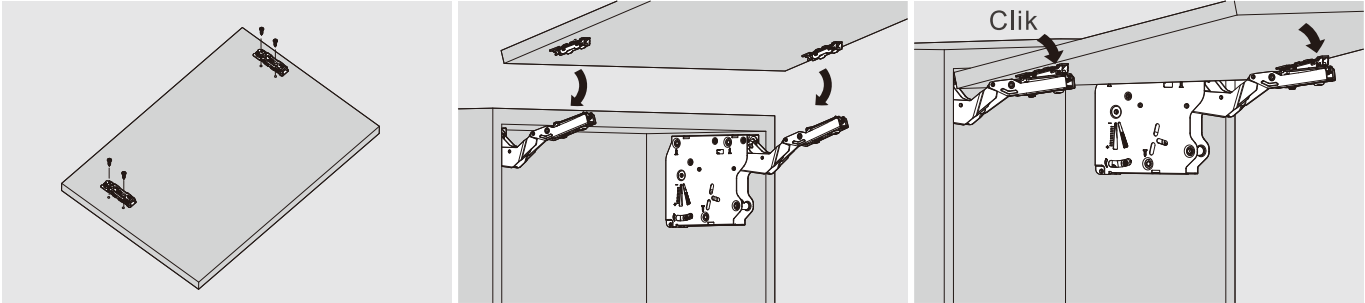
MF: Minimum gap 2mm



Assembly

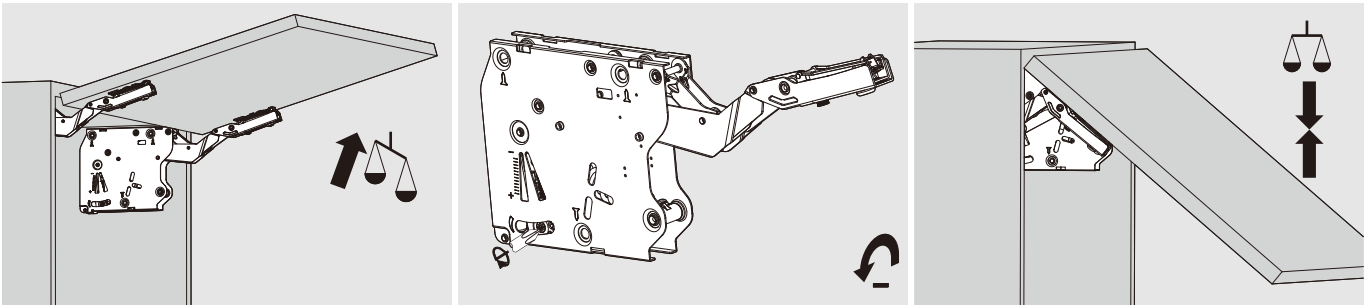
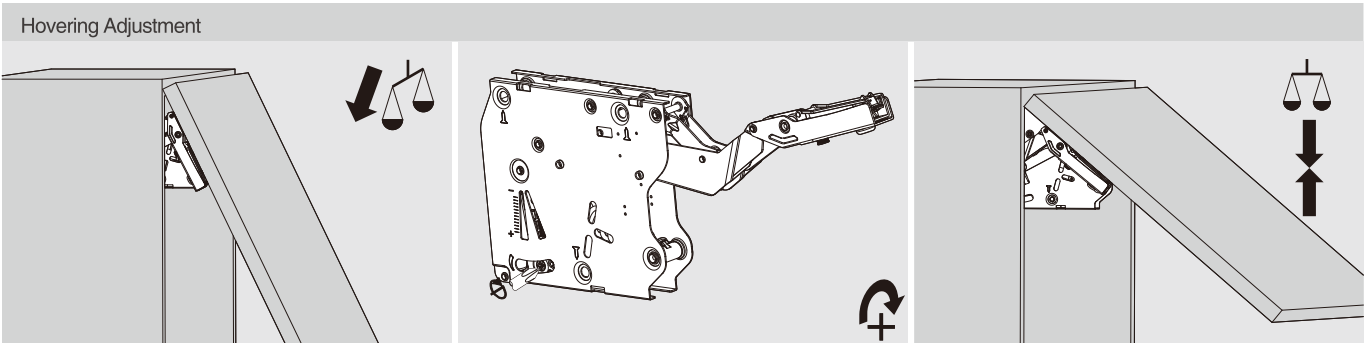
Caution when opening arm

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



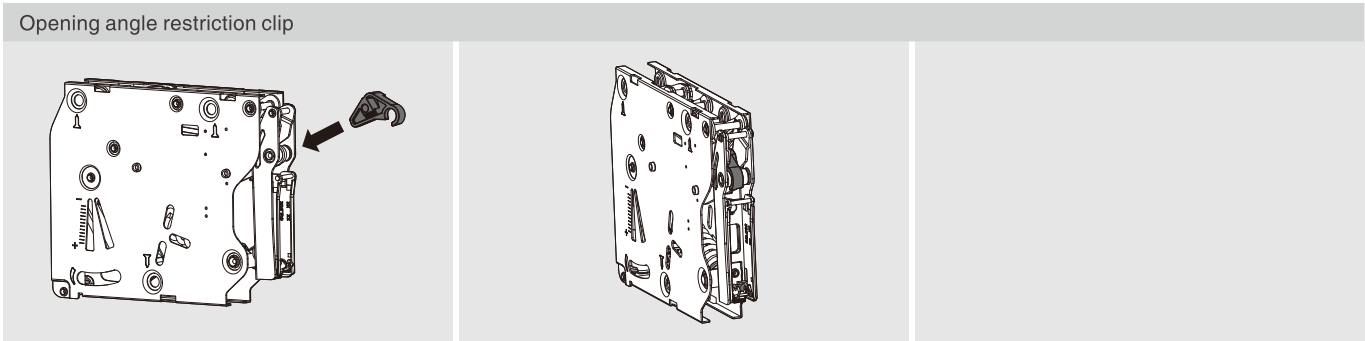
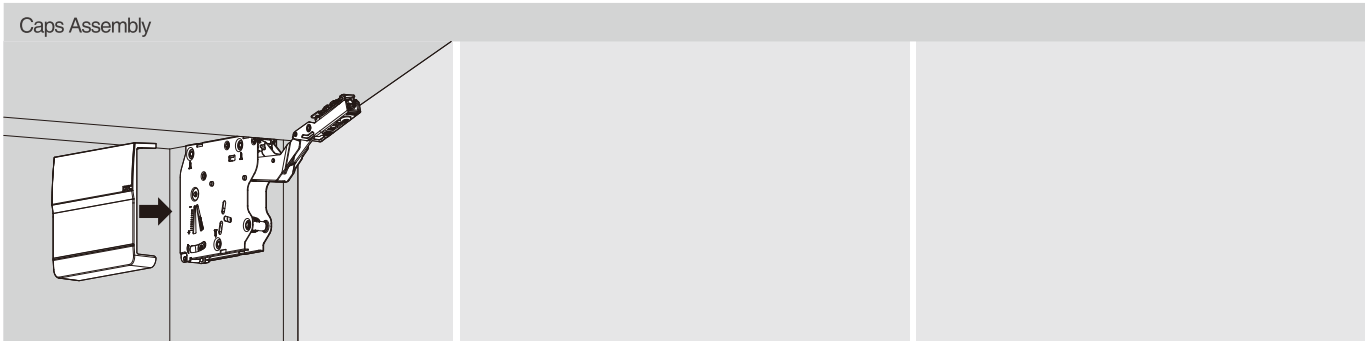
Panel Fastener Installation

Door Assembly

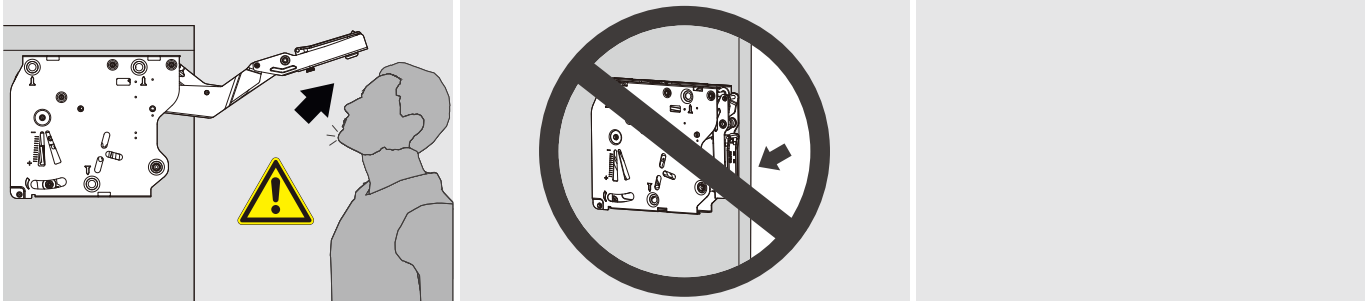
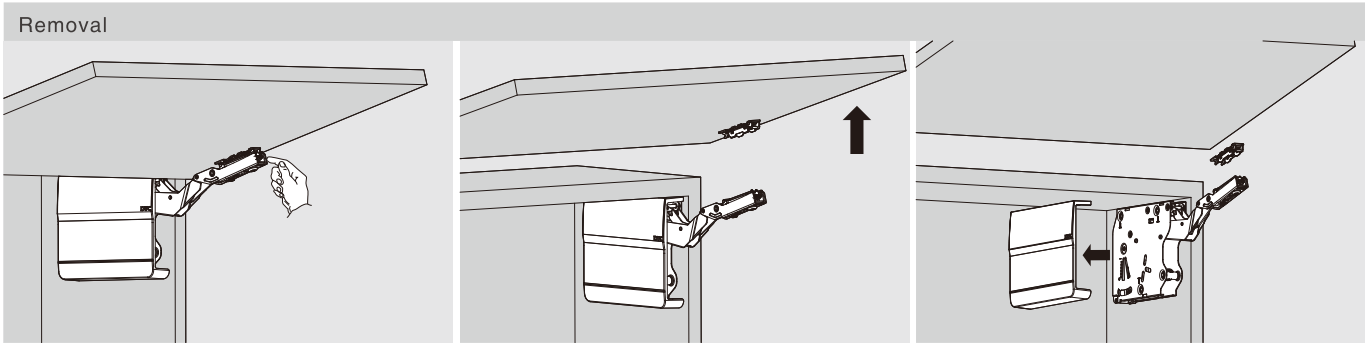
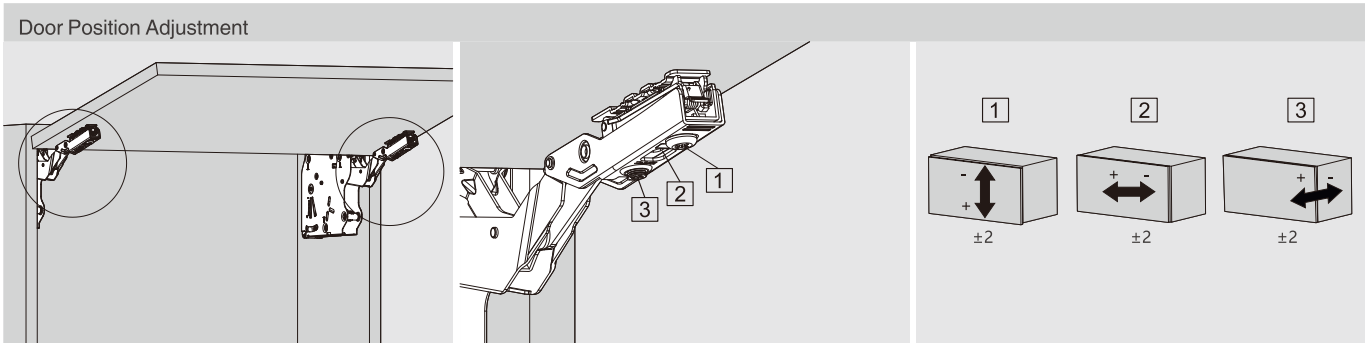


TOP-STAYS

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



Assembly



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

Do not push the arm down without door attached



PLANNING

Insert-type Magnetic Push Latch Installation Dimensions(mm)

Assembly

Magnetic Push Latch with Inline Fixing Plate(mm)

Assembly

Magnetic Push Latch with Cross Fixing Plate(mm)

Assembly

DTC is always innovating!
For more information, please visit our website www.dtcetc.com

LIFTING SYSTEM

SF Series
TOP-STAYS



TOP-STAYS

The new experience of the lift-up door

**Agile and Unconstrained,
Enjoy Quality Life**



- Closing speed adjustable, easy to open and stays at any desired position, silent and smooth closing
- Snap-fit mechanism makes installation and dismantling very easy
- High stability, wide application, provide ideal opening and shutting effects for door panels with various dimensions and made of various materials.



Quietness



Intelligence



Durability



Eco-Friendliness



The TOP-STAYS SF series is suited for wider wall cabinets that have heavier fronts. They open easily and give unrestricted access to the entire contents of the cabinet.

DTC
Global Quality Benchmark

LIFTING SYSTEMS TOP-STAYS



TOP-STAYS SF is a stable lifting system for a wide range of cabinet applications and provides perfect opening and closing action for fronts of various dimensions or materials.

PRODUCT



DESCRIPTION

- Opening angle:107° / 100°
- Cabinet width up to 1800mm
- Cabinet height:250~700mm
- 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 soft-closing speed
- Adjustable opening and 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

	1 Lift Mechanism set/ Industrial Package				
	Power Factor LF	Dynamic	Opening angle	Item No.	Set/ctn
	480-1500	Extra Light	107°	SF00AD	10
	750-2500	Light	107°	SF00AL	10
	1500-4900	Medium	107°	SF00AM	10
	3200-9000	Strong	100°	SF00AH	10

	2 Opening angle restriction clip / Industrial Package		
	Plastic		
	Dark Grey(H11)		
	100°		
	Opening angle		
	100°	Item No.	Pcs/ctn
	75°	SFW100	1000
	75°	SFW75	1000

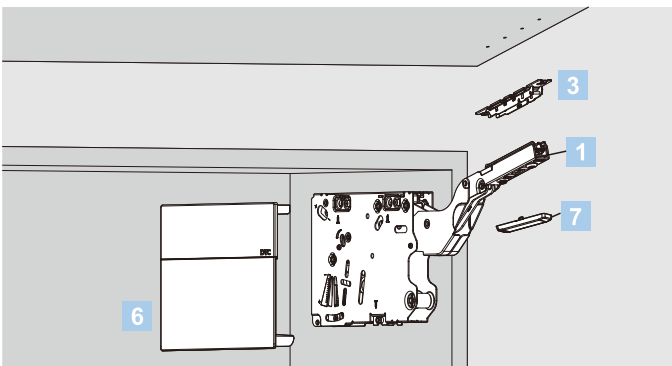
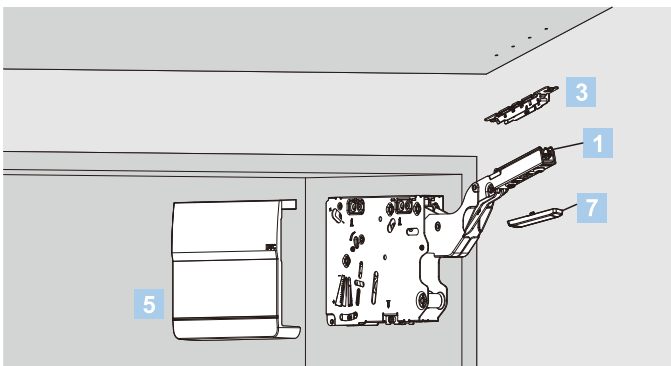
	3 Front Fixing-brackets set/Industrial Package		
	For Wooden Door and Wide Alu Frames		
	Nickel Plated		
	Item No.	SF00YQ	
	Set/ctn		200

	4 Narrow Alu Frame fixing-brackets set		
	Industrial Package		
	For Narrow Alu Frames		
	Nickel Plated(A01)		
	Item No.	SF00H	
	Set/ctn		100
	16 pcs ϕ 3.5X8.5mm countersunk screws included		

	5 Single Caps(left/right) / Industrial Package		
	Colour	Item No.	Set/ctn
	White	SFJS02A	20
	Grey	SFJS02B	20

	6 Dual-colour Caps(left/right) / Industrial Package		
	Colour	Item No.	Set/ctn
	White+ light grey	SFJS01A	20
	Grey+ dark grey	SFJS01B	20
	White+ nickel plated	SFJS01C	20
	Grey+ nickel plated	SFJS01D	20

	7 Decoration cover for hinge arm /Industrial Package		
	Nickel Plated(A01)		
	Item No.	S16H	
	Set/ctn		4000



ORDER INFORMATION

T1 Recommended Kit Package		
Including:		
1x lift mechanism set	1x white single caps set	1x front fixing-brackets set
10x wooden screws ϕ 4X35mm	8x wooden screws ϕ 4X16mm	8x countersunk screws
Please select the corresponding kit package item No. according to power factor and cabinet height		
Power Factor(LF)	Cabinet Height	Kit package item No.
480-1500	250-500mm	SF00AD02A
750-2500	250-500mm	SF00AL02A
1500-4900	350-500mm	SF00AM02A
3200-9000	400-700mm	SF00AH02A

T2 Recommended Kit Package		
Including:		
1x lift mechanism set	1x grey single caps set	1x front fixing-brackets set
10x wooden screws ϕ 4X35mm	8x wooden screws ϕ 4X16mm	8x countersunk screws
Please select the corresponding kit package item No. according to power factor and cabinet height		
Power Factor(LF)	Cabinet Height	Kit package item No.
480-1500	250-500mm	SF00AD02B
750-2500	250-500mm	SF00AL02B
1500-4900	350-500mm	SF00AM02B
3200-9000	400-700mm	SF00AH02B

T3 Recommended Kit Package		
Including:		
1x lift mechanism set	1x white+light grey dual-colour caps set	1x front fixing-brackets set
10x wooden screws ϕ 4X35mm	8x wooden screws ϕ 4X16mm	8x countersunk screws
Please select the corresponding kit package item No. according to power factor and cabinet height		
Power Factor(LF)	Cabinet Height	Kit package item No.
480-1500	250-500mm	SF00AD01A
750-2500	250-500mm	SF00AL01A
1500-4900	350-500mm	SF00AM01A
3200-9000	400-700mm	SF00AH01A

T4 Recommended Kit Package		
Including:		
1x lift mechanism set	1x grey+dark grey dual-colour caps set	1x front fixing-brackets set
10x wooden screws ϕ 4X35mm	8x wooden screws ϕ 4X16mm	8x countersunk screws
Please select the corresponding kit package item No. according to power factor and cabinet height		
Power Factor(LF)	Cabinet Height	Kit package item No.
480-1500	250-500mm	SF00AD01B
750-2500	250-500mm	SF00AL01B
1500-4900	350-500mm	SF00AM01B
3200-9000	400-700mm	SF00AH01B

T5 Recommended Kit Package		
Including:		
1x lift mechanism set	1x white+nickel plated dual-colour caps set	1x front fixing-brackets set
10x wooden screws ϕ 4X35mm	8x wooden screws ϕ 4X16mm	8x countersunk screws
Please select the corresponding kit package item No. according to power factor and cabinet height		
Power Factor(LF)	Cabinet Height	Kit package item No.
480-1500	250-500mm	SF00AD01C
750-2500	250-500mm	SF00AL01C
1500-4900	350-500mm	SF00AM01C
3200-9000	400-700mm	SF00AH01C

T6 Recommended Kit Package		
Including:		
1x lift mechanism set	1x grey+nickel plated dual-colour caps set	1x front fixing-brackets set
10x wooden screws ϕ 4X35mm	8x wooden screws ϕ 4X16mm	8x countersunk screws
Please select the corresponding kit package item No. according to power factor and cabinet height		
Power Factor(LF)	Cabinet Height	Kit package item No.
480-1500	250-500mm	SF00AD01D
750-2500	250-500mm	SF00AL01D
1500-4900	350-500mm	SF00AM01D
3200-9000	400-700mm	SF00AH01D

In the case of narrow alu frame application,order fixing-brackets SF00H separately.

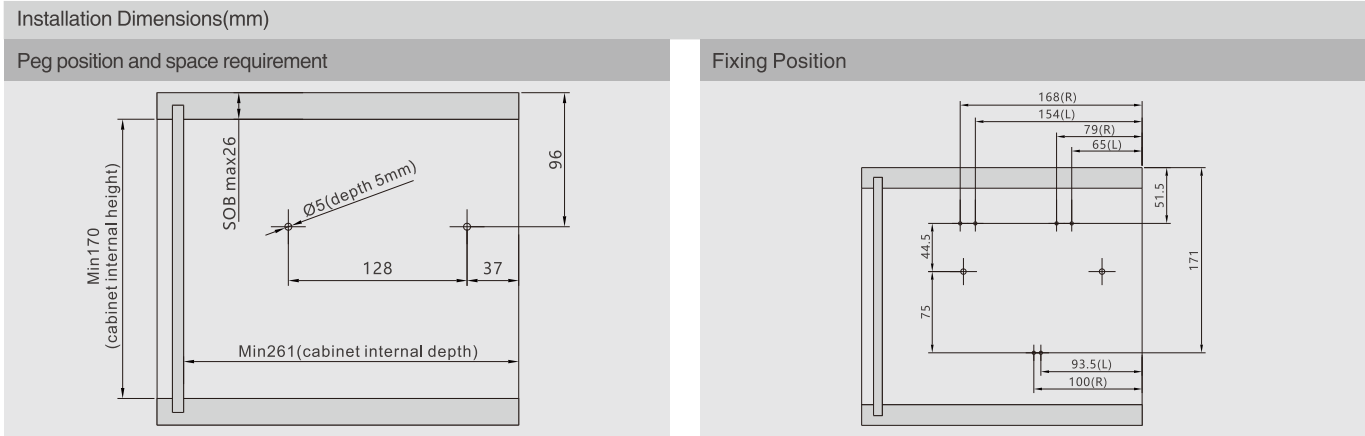
TOP-STAYS

SF Series Lifting System

TOP-STAYS

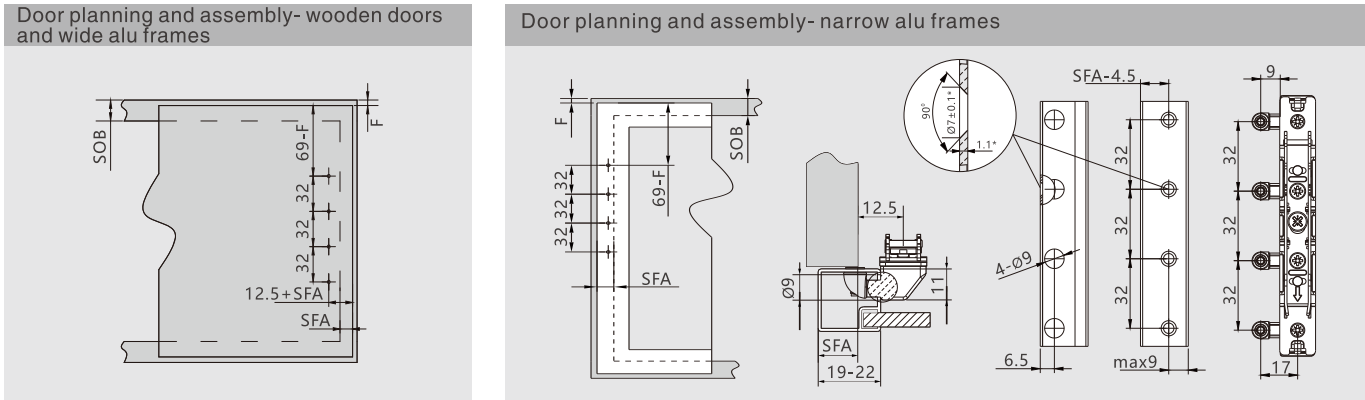
Assembly , Removal and Adjustment(for SF series Lifting System)

PLANNING



SOB: top panel thickness

3x wooden screws $\varnothing 4 \times 35 \text{mm}$

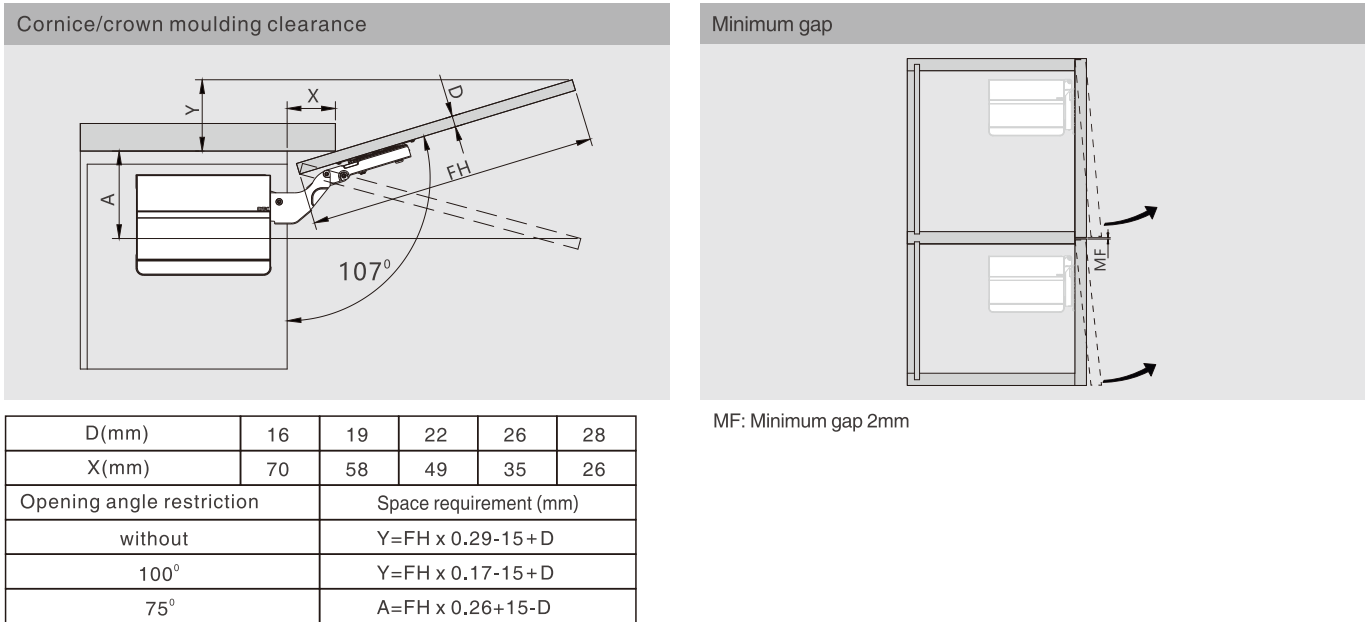


8 wooden screws for wooden doors ($\varnothing 4 \times 16 \text{mm}$)
8 countersunk screws for wide alu frames ($M4 \times 11 \text{mm}$)
SFA: door overlay on the side panel
F: gap

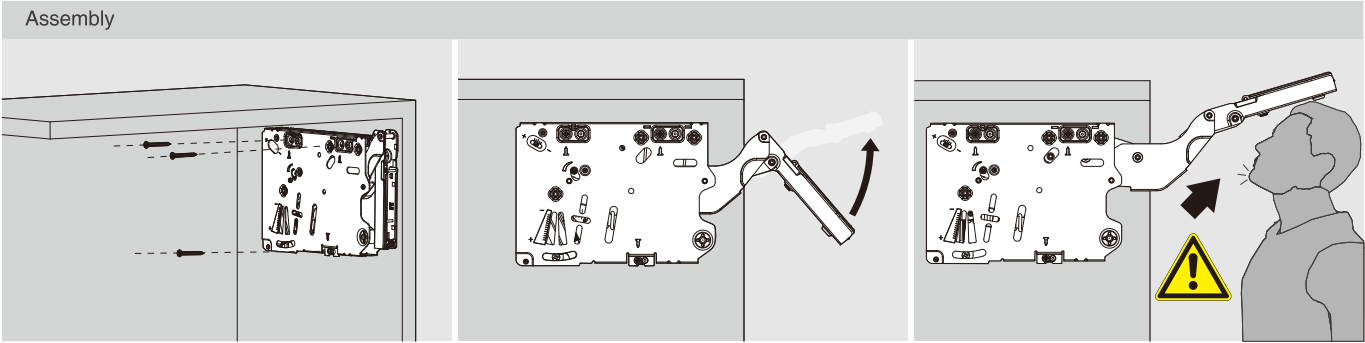
Frame width(mm)	19	20	21	22
SFA(mm)	15~19	16~20	17~21	18~22

16 countersunk screws for narrow alu frames ($\varnothing 3.5 \times 8.5 \text{mm}$)

*When changing material thickness, adjust the assembly dimensions accordingly



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°	$A = FH \times 0.26 + 15 - D$				

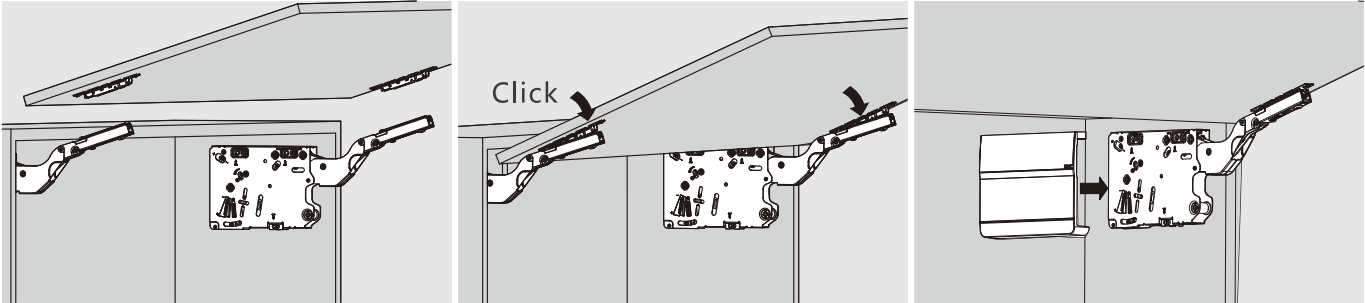


Assembly

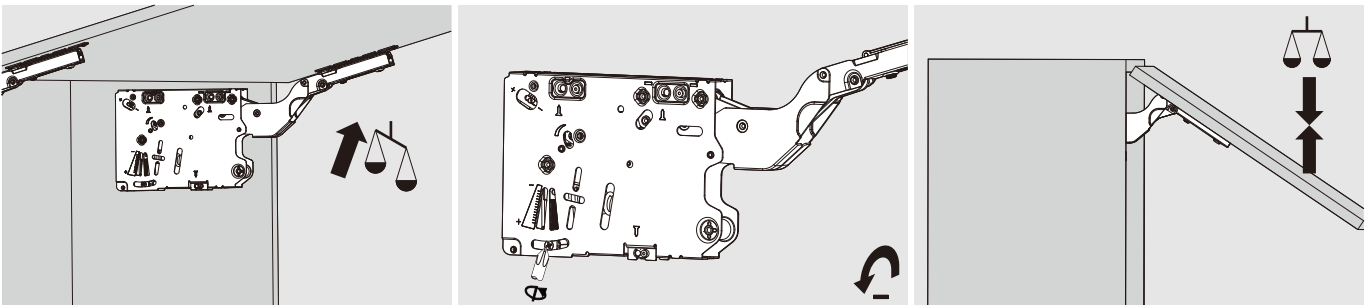
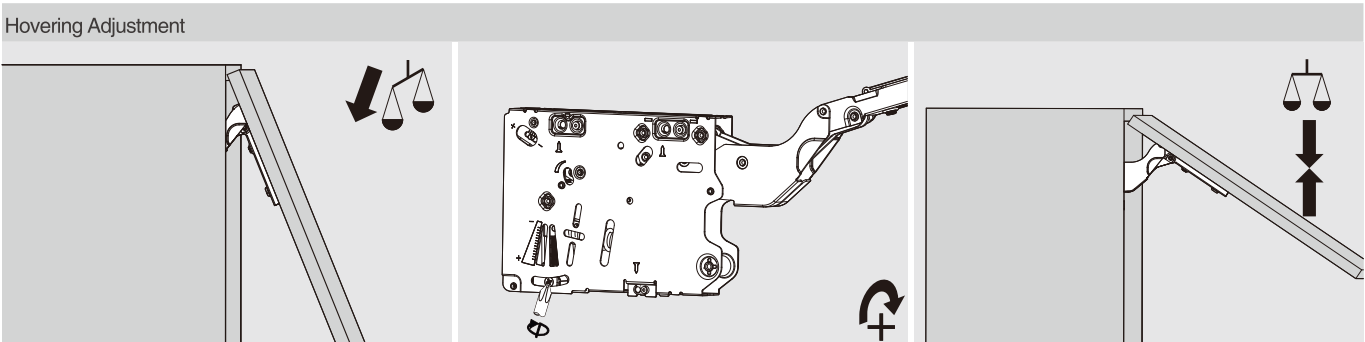
Assembly

Caution when opening arm

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



Door Assembly

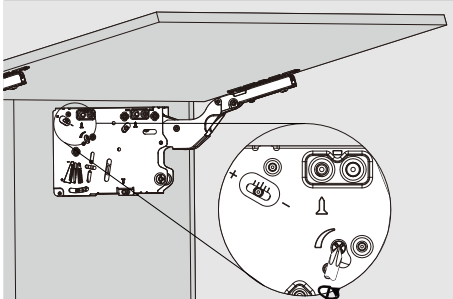


TOP-STAYS

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

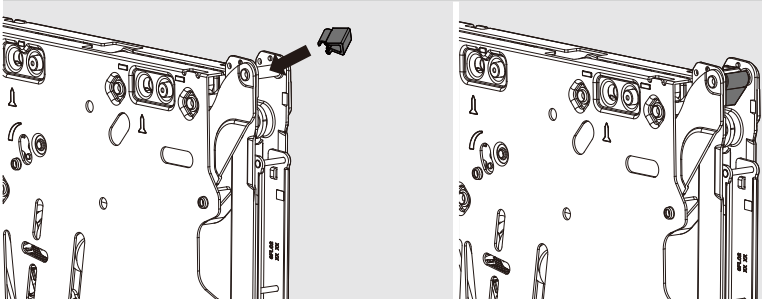


Closing Speed Adjustment



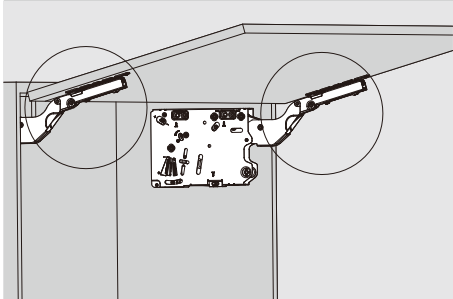
"+" increasing soft-closing time (turn adjustment screw counter-clockwise)
"- " reducing soft-closing time (turn adjustment screw clockwise)

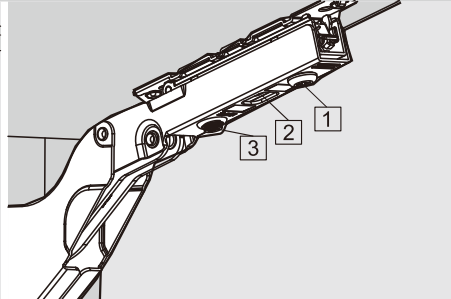
Opening angle restriction clip

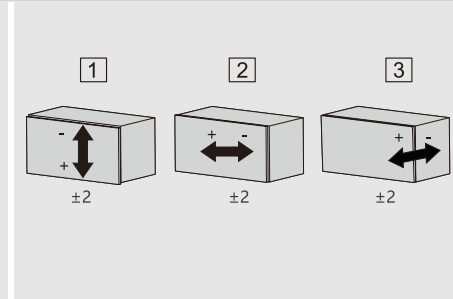


Assembly

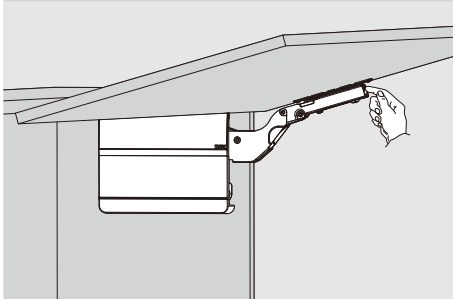
Door Position Adjustment

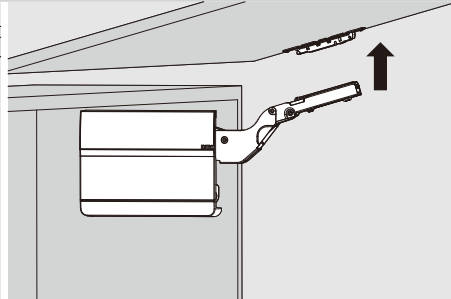


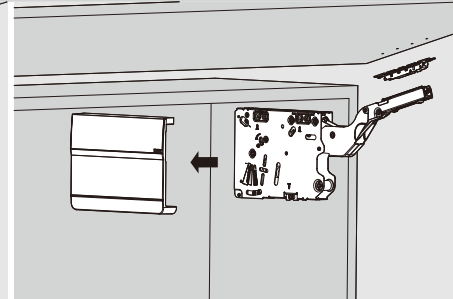


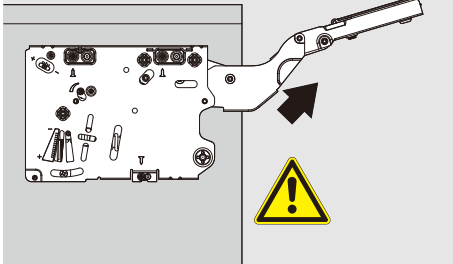


Removal











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

Do not push the arm down without door attached

LIFTING SYSTEM

ST Series

TOP-STAYS



TOP-STAYS

The new experience of the lift-up door

**Agile and Unconstrained,
Impressive and Elegant**



- Easy to open and stays at any desired position, silent and smooth closing, full access to the inside of the cabinet
- Side, height and depth adjustments - 3D front adjustment of both fronts
- Tool free assembly and removal, easy and fast installation



Quietness



Intelligence



Durability



Eco-Friendliness

TOP-STAYS

ST Series Bi-fold Lifting System

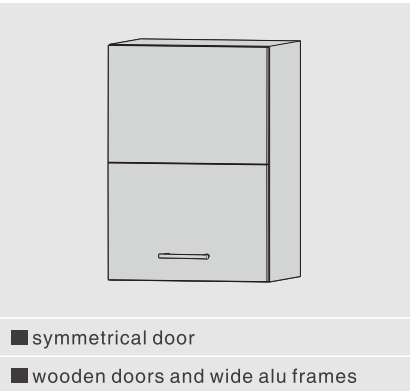


PRODUCT



DESCRIPTION

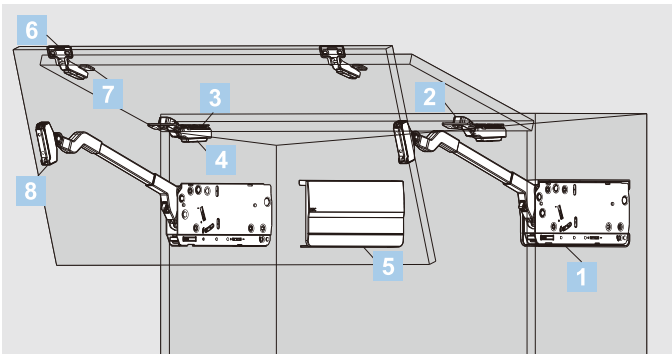
- Cabinet width up to 1800mm
- Cabinet height:480~1040mm
- Door thickness:16~26mm
- 3D front adjustment of both fronts
- Easy to open, and stays at any desired position
- Adjustable soft-closing speed
- Adjustable opening and hovering forces
- Tool free assembly and removal



ORDER INFORMATION

1		Lift Mechanism set/ Industrial Package 6 Set/ctn
Cabinet height KH(mm)	Door weight incl handle weight (kg)	Item No.
480-529	5.0-10.0(2.5-5.0 to use 1 lift)	ST01AL
	9.6-16.0	ST01AM
530-589	4.5-8.9(2.3-4.5 to use 1 lift)	ST02AL
	8.7-14.4	ST02AM
590-649	4.1-8.1 (2.0-4.1 to use 1 lift)	ST03AL
	7.8-13.0	ST03AM
650-729	3.7-7.2 (1.8-3.7 to use 1 lift)	ST04AL
	7.0-11.6	ST04AM
	11.5-19.8	ST04AH
730-799	3.2-6.5	ST05AL
	6.3-10.6	ST05AM
	10.5-18.1(15.7-27.1 to use 3 lift)	ST05AH
800-879	5.8-9.6	ST06AM
	9.5-16.5(14.2-24.7 to use 3 lift)	ST06AH
880-959	5.2-8.8	ST07AM
	8.7-15.1(13.0-22.6 to use 3 lift)	ST07AH
960-1040	4.8-8.1	ST08AM
	8.0-13.9(12.0-20.8 to use 3 lift)	ST08AH
6		Centre hinge /Industrial Package Nickel Plated(A01)
	Item No.	ST00BG
	Set/ctn	100
7		Mounting plate for centre hinge/Industrial Package Nickel Plated(A01)
	Item No.	T00TQ
	Set/ctn	100
8		Front Mounting plate /Industrial Package Nickel Plated(A01)
	Item No.	ST00YQ
	Set/ctn	200

2		120° hinge/Industrial Package Nickel Plated(A01)		
		Item No.	STA685	
		Set/ctn	100	
3		Mounting plate for 120° hinge/Industrial Package Nickel Plated(A01)		
		Item No.	SQ00YQ	
		Set/ctn	200	
4		Decoration cover for hinge arm /Industrial Package Nickel Plated(A01)		
		Item No.	S15H	
		Set/ctn	1000	
5		Cover cap set/Industrial Package plastic		
		Colour	Item No.	Set/ctn
		White	STJS02A	20
		Grey	STJS02B	20
9		Opening angle restriction clip/Industrial Package Plastic Dark Grey (H11)		
100°		Opening angle	Item No.	Pcs/ctn
		100°	STW100	1000
		83°	STW83	1000

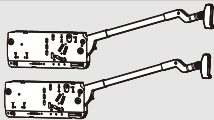


ORDER INFORMATION

T1

Recommended Kit Package

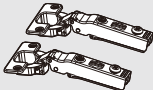
Including:



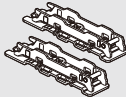
1x Lift mechanism set



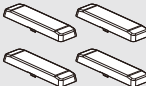
1 X Cover cap set



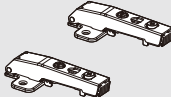
1 X 120° hinge set



1 X Mounting plate set for 120° hinge



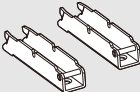
1 X Decoration cover set for hinge arm



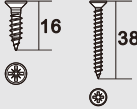
1 X Centre hinge set



1X Mounting plate set for centre hinge



1 X Front mounting plate set



16

38

Ø4X16mm

Ø4X38mm

20X16mm wooden screws

10X38mm wooden screws

Please select the corresponding kit package item No. according to cabinet height ,door weight and handle weight

Cabinet height KH(mm)	Door weight incl handle weight (kg)	Kit package item No. (White cap)	Kit package item No. (Grey cap)
480-529	5.0-10.0	ST01AL02A	ST01AL02B
	9.6-16.0	ST01AM02A	ST01AM02B
530-589	4.5-8.9	ST02AL02A	ST02AL02B
	8.7-14.4	ST02AM02A	ST02AM02B
590-649	4.1-8.1	ST03AL02A	ST03AL02B
	7.8-13.0	ST03AM02A	ST03AM02B
650-729	3.7-7.2	ST04AL02A	ST04AL02B
	7.0-11.6	ST04AM02A	ST04AM02B
	11.5-19.8	ST04AH02A	ST04AH02B
730-799	3.2-6.5	ST05AL02A	ST05AL02B
	6.3-10.6	ST05AM02A	ST05AM02B
	10.5-18.1	ST05AH02A	ST05AH02B
800-879	5.8-9.6	ST06AM02A	ST06AM02B
	9.5-16.5	ST06AH02A	ST06AH02B
880-959	5.2-8.8	ST07AM02A	ST07AM02B
	8.7-15.1	ST07AH02A	ST07AH02B
960-1040	4.8-8.1	ST08AM02A	ST08AM02B
	8.0-13.9	ST08AH02A	ST08AH02B

TOP-STAYS

ST Series Bi-fold Lifting System

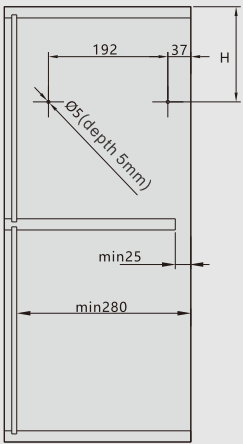
TOP-STAYS

Assembly , Removal and Adjustment(for ST series Bi-fold Lifting System)

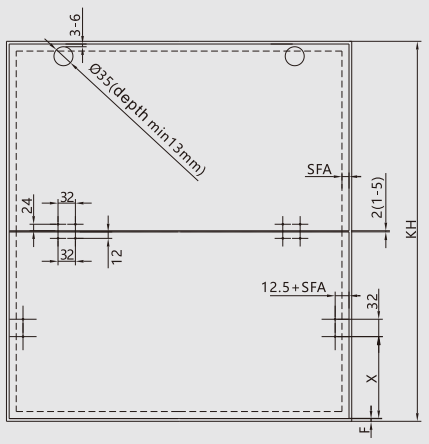
PLANNING

Installation Dimensions(mm)-Symmetrical doors

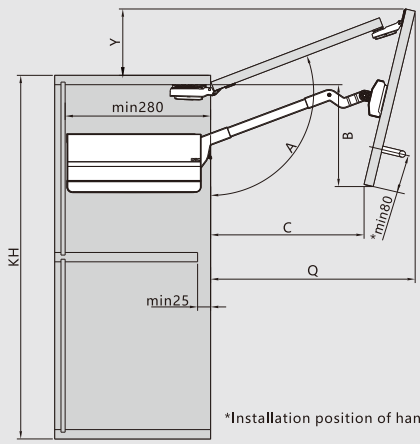
Peg position and space requirement



Door assembly-wooden doors and wide alu frames



Cornice / crown moulding clearance



*Installation position of handle

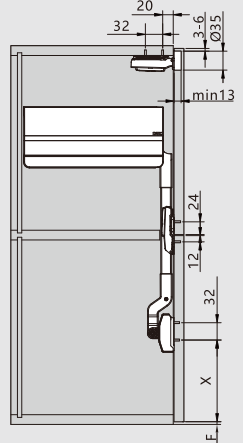
Cabinet height KH(mm)	H(mm)
480-589	KHx0.3-28
590-1040	KHx0.3-57

E. G.
Cabinet height KH=500
H=500x0.3-28=122
Cabinet height KH=800
H=800x0.3-57=183

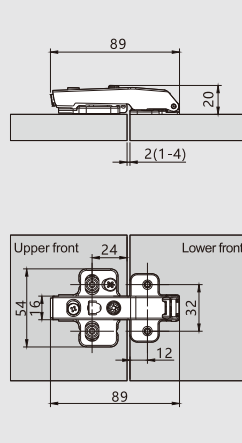
Cabinet height KH(mm)	X(mm)	E. G. Cabinet height KH=600 H=600x0.3-57=123 S=356 (see table below) Gap F=2 X=600-123-356-2=119					
480-1040	KH-H-S-F						
Cabinet height KH(mm)	S(mm)	A(°)	B(mm)	C(mm)	Q(mm)	Y(mm)	
480-529	301	~115-105	109-156	257-210	278-323	109-76	
530-589	326	~115-105	123-180	280-223	300-354	121-77	
590-649	356	~115-105	141-194	308-224	327-384	132-84	
650-729	386	~115-102	160-228	335-226	355-428	144-74	
730-799	426	~115-105	181-250	372-293	390-450	162-108	
800-879	461	~115-105	202-280	404-318	422-494	176-115	
880-959	501	~115-105	225-301	440-361	458-529	194-134	
960-1040	541	~115-105	245-335	476-405	493-566	214-148	

SFA=Door overlay on the side panel
F=Gap

Installation Dimensions(mm)

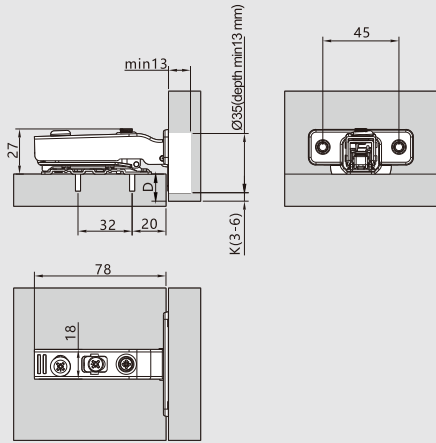


Centre hinge



Upper front, Lower front

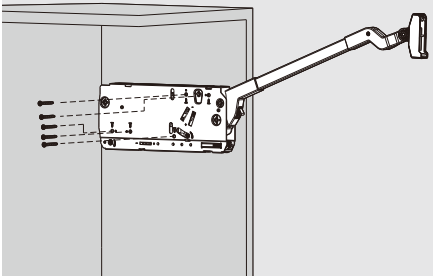
120° Hinge



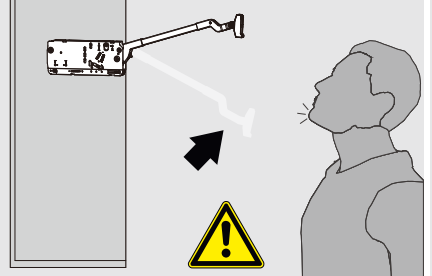
Number of hinges needed for each door:
Use 3 hinge for cabinet width over 1200mm and door weight over 12kg.
Use 4 hinge for cabinet width over 1800mm and door weight over 20kg.

Drilling distance K(mm)	3	4	5	6
Door overlay D(mm)	15	16	17	18

Assembly

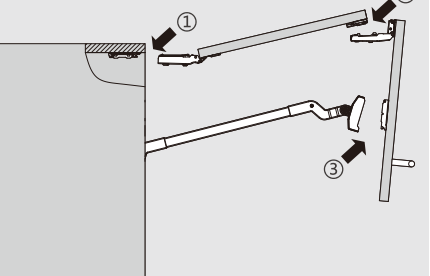


Assembly

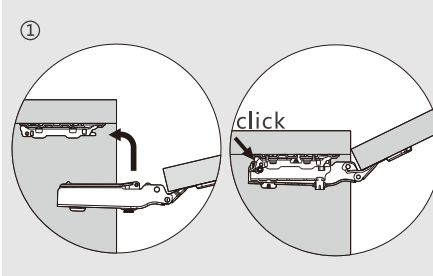


The arm of this device could spring up and cause injury.
Do not push the arm down without door attached.

Door Assembly

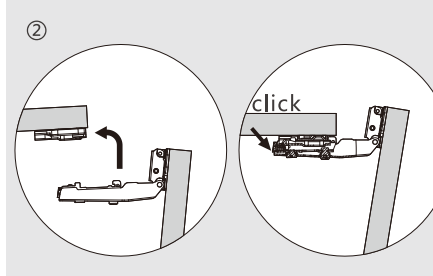


Door Assembly



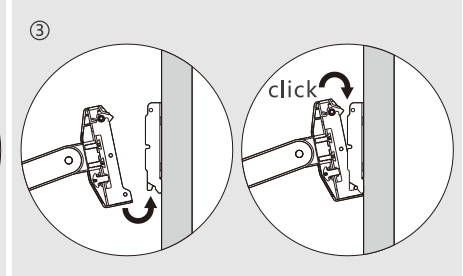
click

Door Assembly

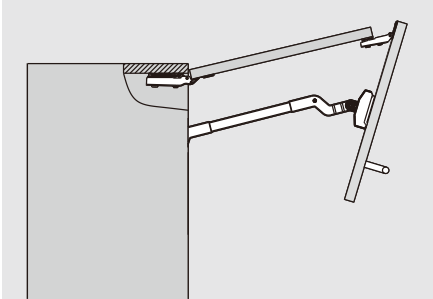


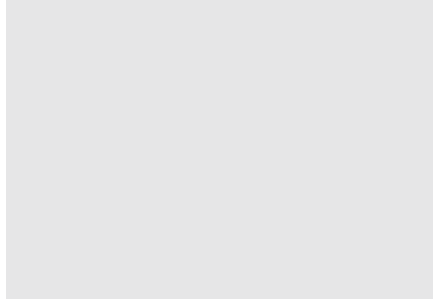
click

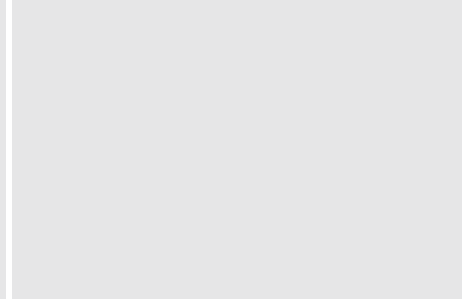
Door Assembly



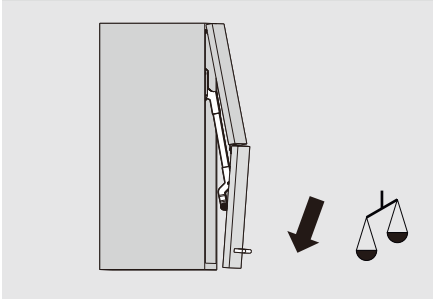
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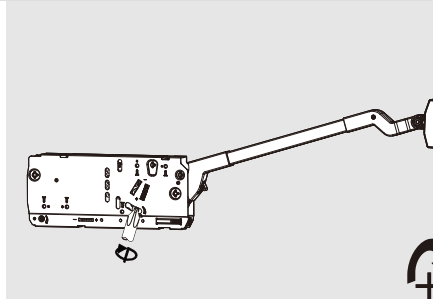




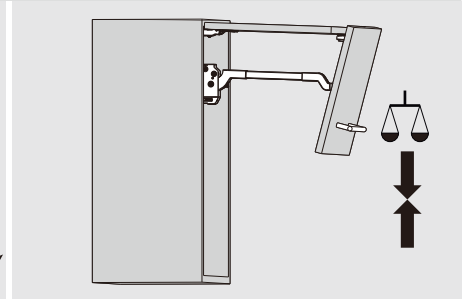
Hovering Adjustment



Adjustment

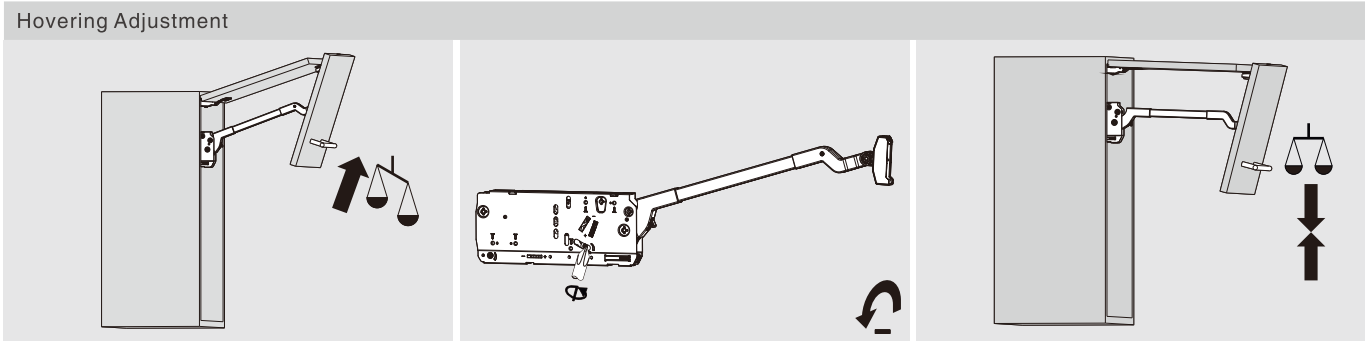


Adjustment

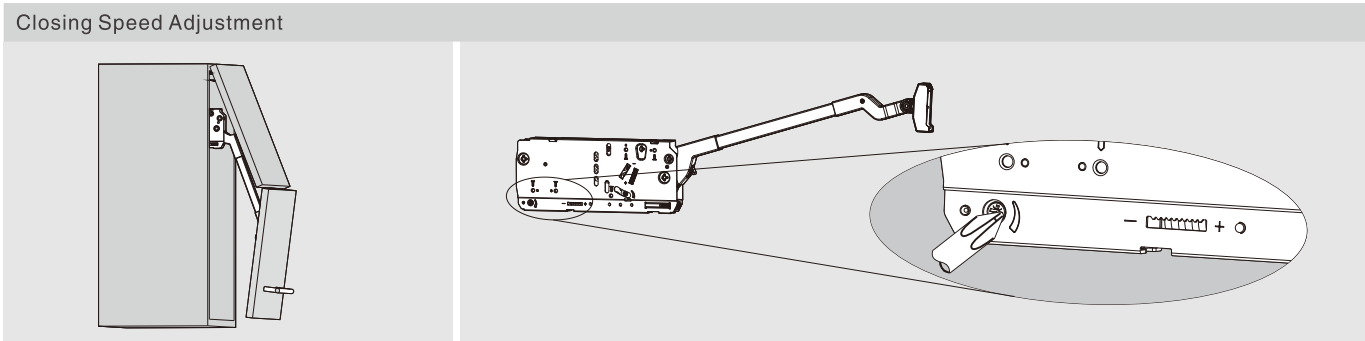


TOP-STAYS

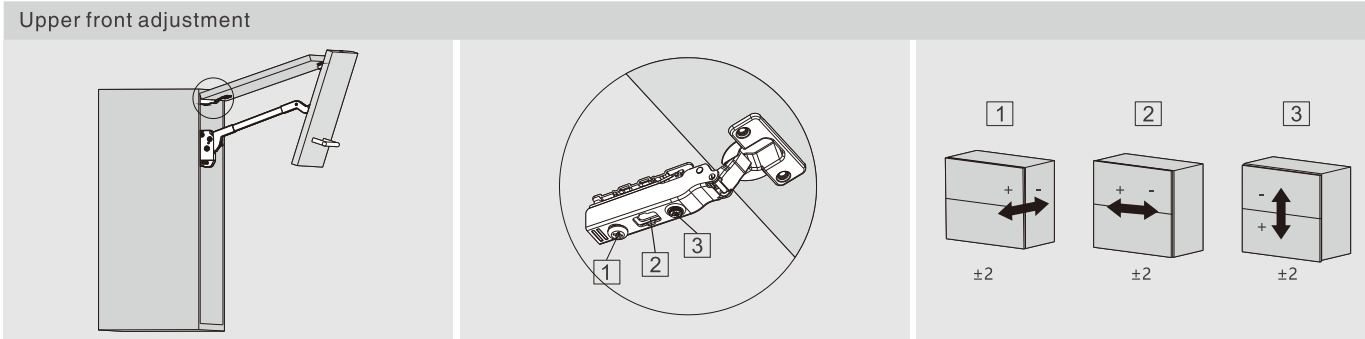
Assembly , Removal and Adjustment(for ST series Bi-fold Lifting System)



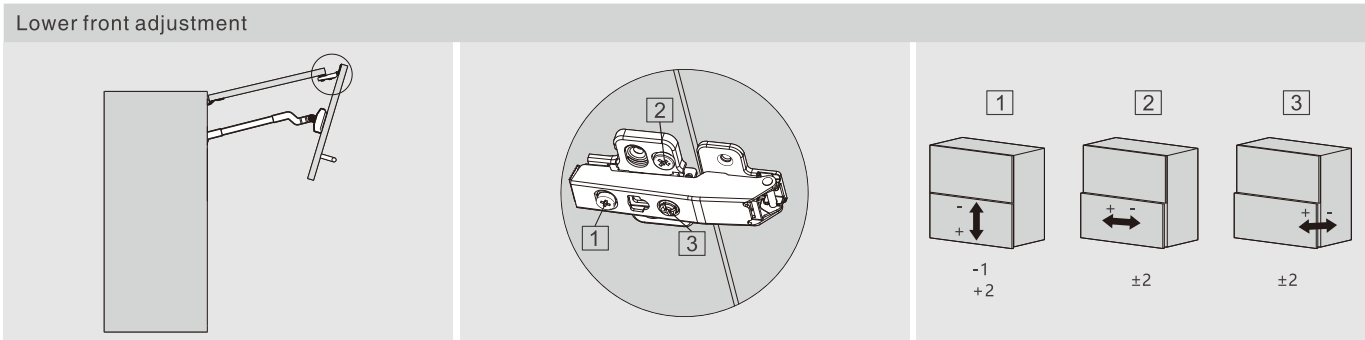
Adjustment



"+" Increasing soft-closing time (turn adjustment screw counter-clockwise)
"-" Reducing soft-closing time (turn adjustment screw clockwise)



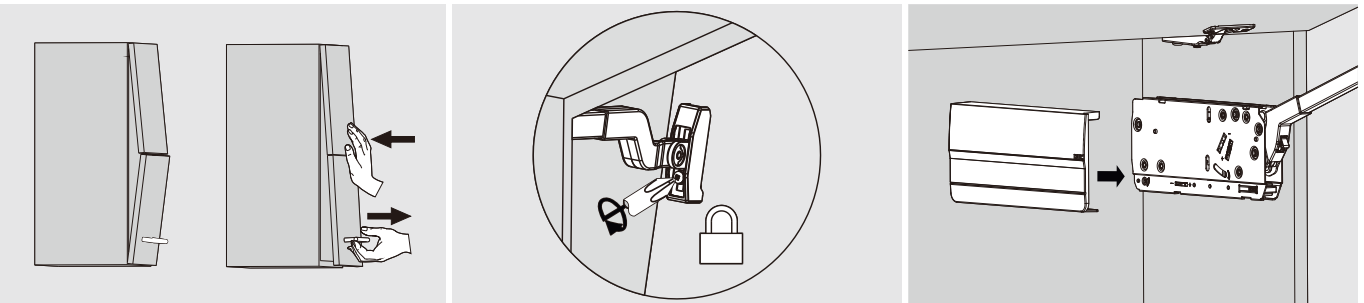
120° hinge



Center hinge

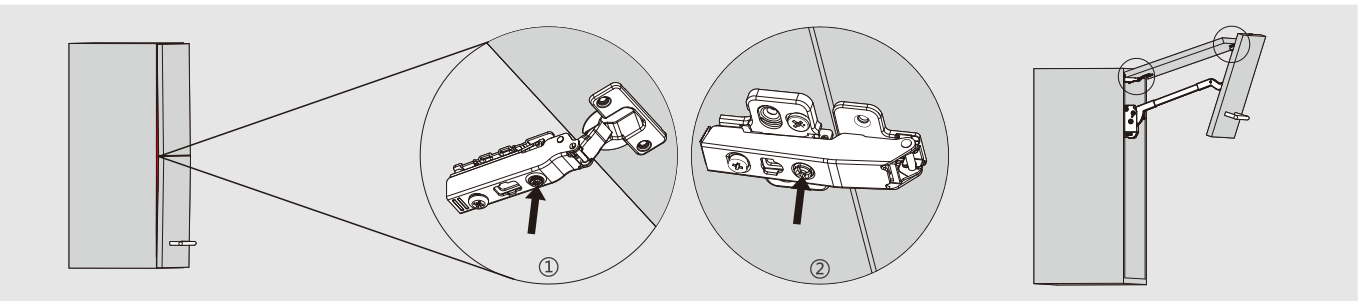


"+" Loose the screw properly when the automatic positioning is too tight to move during door adjustment
"-" Tighten the screw properly when the automatic positioning is too loose and doesn't work during door adjustment

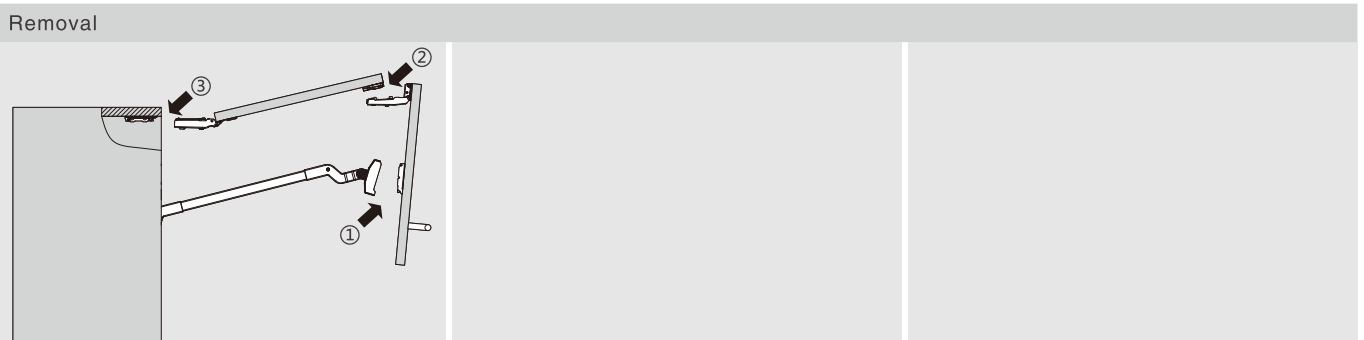


Adjust positions of the doors

Lock screw



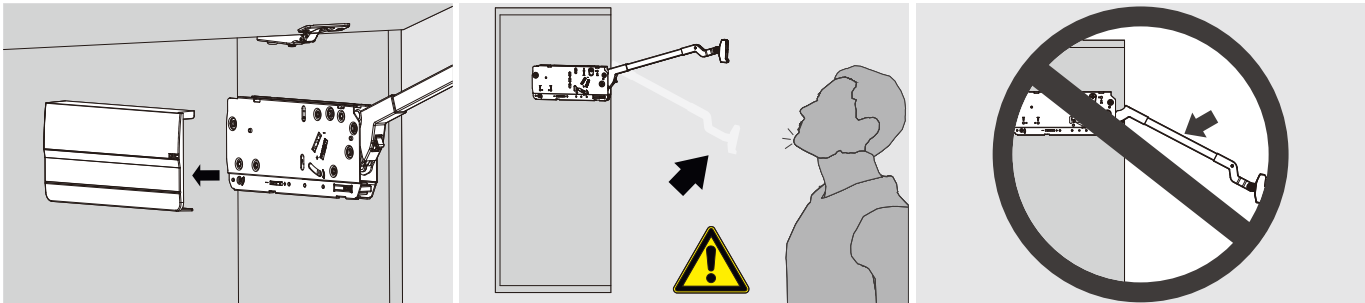
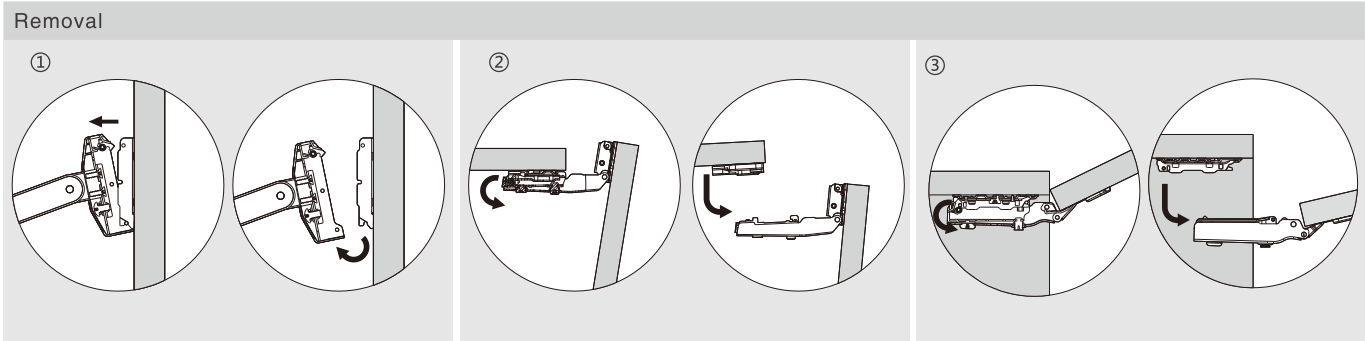
If there is small gap between the doors and the cabinet side; fine-tune the positions of the doors with the adjustment screws



Removal

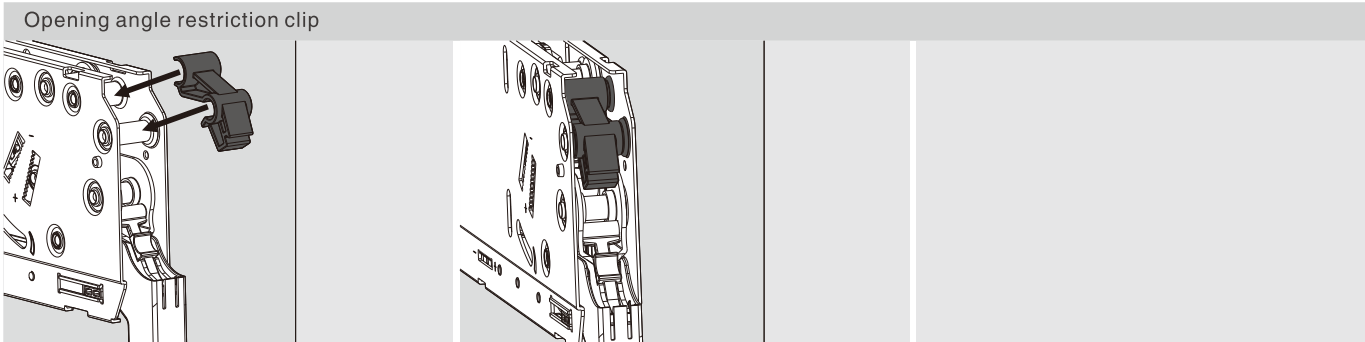
TOP-STAYS

Assembly , Removal and Adjustment(for ST series Bi-fold Lifting System)

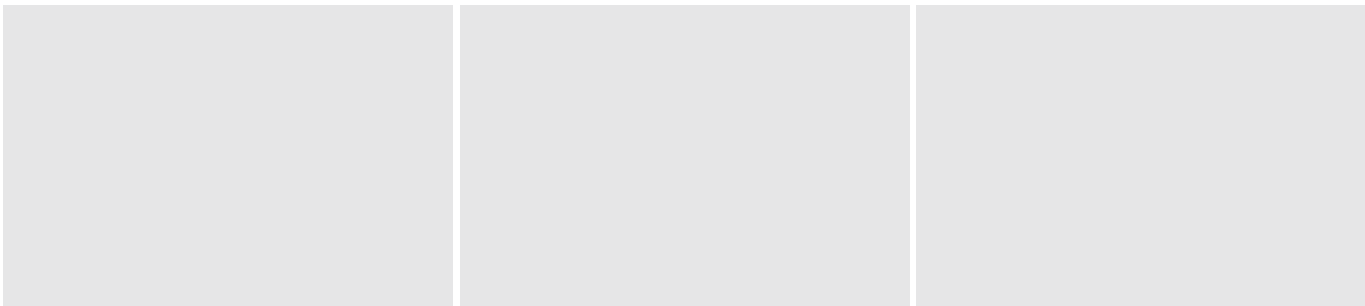


The arm of this device could spring up and cause injury!

Do not push the arm down without door attached



Assembly



DTC is always innovating!
For more information, please visit our website www.dtcetc.com