

### Top Stays SE Push Standard Kit

### Product Features



The Top Stay SE series is DTC's most economical and compact flap door lift. Working in combination with Unsprung hinges, the SE series is a perfect choice for your upper cabinet doors in any project.

- Opening angle: 105°
- Easy to open and stays at any desired position
- Silent and Push-Open
- Side, height and depth adjustment
- Tool free assembly and removal
- Certified to 40,000 cycles

### Top Stays SE lift systems

Description	Part#
200-1000 / Light	105-SE02P-AL
500-1500 / Medium	105-SE02P-AM
960-2350 / Strong	105-SE02P-AH

### Top Stays SE Optional Components

Description	Part#
Front Fixing Brackets Aluminum Doors	105-SE00CQ
Front Fixing Brackets for Narrow Frame Door	105-SE00H

#### Power Factor Calculation

Power Factor LF=  
Cabinet height KH(mm) x door weight including  
double handle weight (kg)

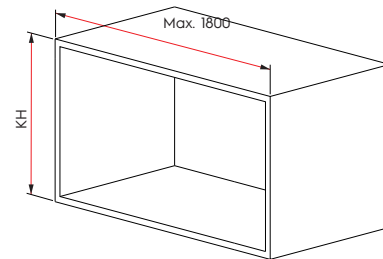
Top Stays SE Push **CALCULATOR:**

How to Order? Calculate your Power Factor:



<http://mfh.to/TopStaysSEPush>

Kit package Item No.	Dynamic	Power factor LF	Cabinet Height KH
105-SE02P-AL	Light	200-1000	240-600
105-SE02P-AM	Medium	500-1400	
105-SE02P-AH	Heavy	960-2050	

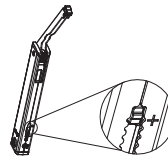


#### Spring Holder Colors

Light Grey

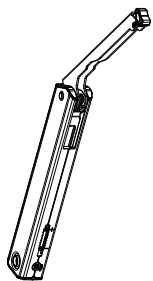
Dark Grey

White

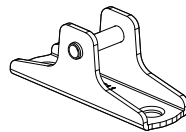


#### What's In The Box

1. x1



2. x1

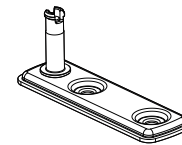


4. x5

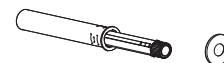


Flat Head  
#8 x 5/8 inch

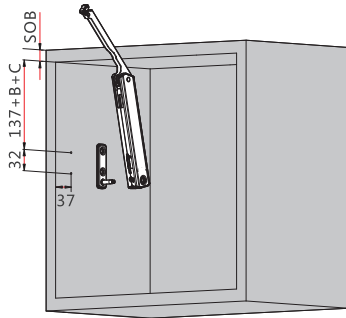
3. x1



5. x1



### Peg Position & Space Requirements



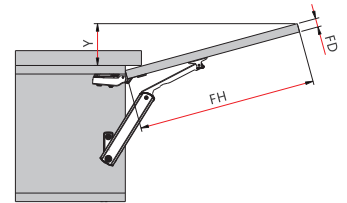
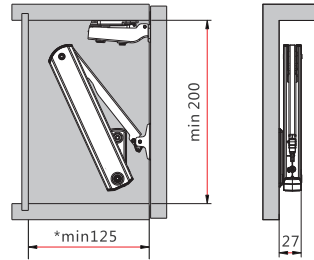
SOB Top panel thickness

B Hinge mounting plate height

B	0mm	2mm	4mm	9mm	18mm
Mounting plate	H=0	H=2	H=4	H=9	H=18

C Hinge overlay

0mm Full overlay	9.5mm Half overlay
18mm Inset	

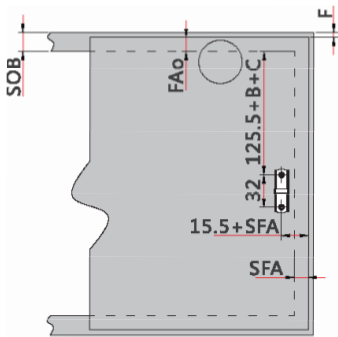


$Y = (FH - a) \times 0.3$   
FH = Front height

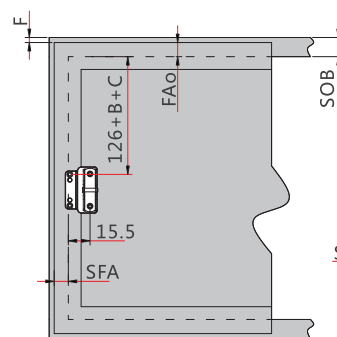
FD (mm)	16	19	22	24
a (mm)	45	34	23	15

\* Minimum 200mm for suspension bracket application

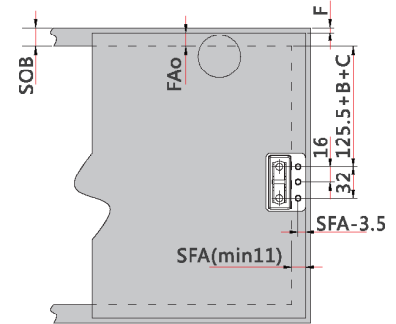
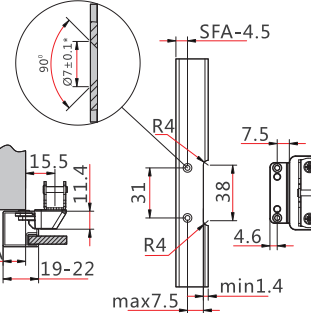
### Door Assembly - Wood & Aluminum Doors



Wood Doors & Wide Aluminum Frames



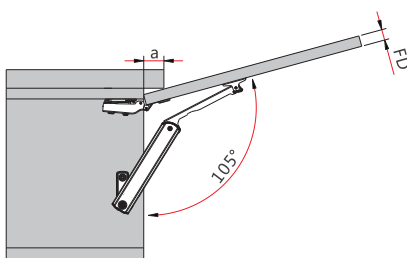
Narrow Aluminum Frames  
105-SE00CQ



Wood Doors & Narrow & Wide Aluminum Frames  
105-SE00H

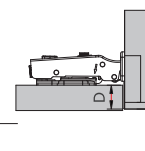
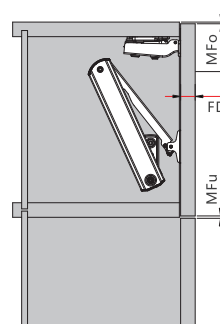
### Crown Moulding Clearance

### Minimum Gap



FD (mm)	16	19	22	24
a (mm)	45	34	23	15

Minimum gap  
MFu = 1.5mm



K (mm)	3	4	5	6	Mounting plate
D (mm)	15	16	17	18	H=0
	13	14	15	16	H=2
	11	12	13	14	H=4
	6	7	8	9	H=9

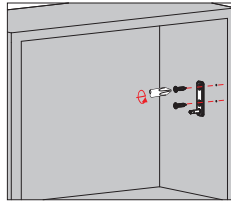
K=Drilling distance D=Required door overlay

FD=	16	17	18	19	20	21	22	23	24	25	26
K=3 MFo=	0.7	0.9	1.2	1.5	1.8	2.2	2.6	3.2	3.8	4.5	5.3
K=4 MFo=	0.7	0.9	1.1	1.4	1.8	2.1	2.5	3.0	3.5	4.4	4.9
K=5 MFo=	0.6	0.9	1.1	1.4	1.7	2.0	2.4	2.9	3.4	3.9	4.6
K=6 MFo=	0.6	0.8	1.1	1.3	1.6	2.0	2.4	2.8	3.2	3.8	4.4

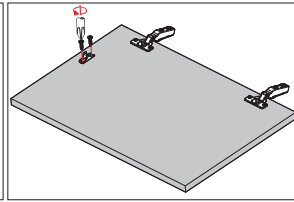
F: Gap      FAo: Top panel overlay      SFA : Side panel overlay= side thickness – gap  
MFu: Bottom Min. gap      FD : Door thickness  
MFo: Top Min. gap



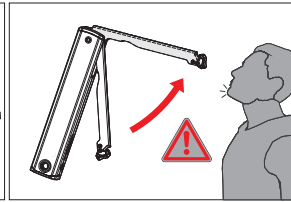
### Cabinet Assembly



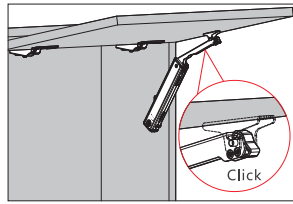
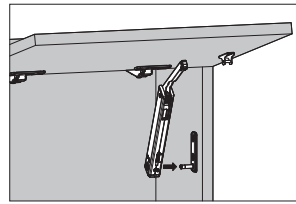
Assembly



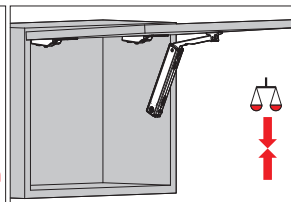
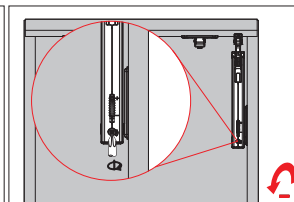
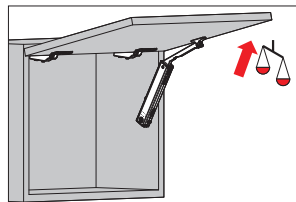
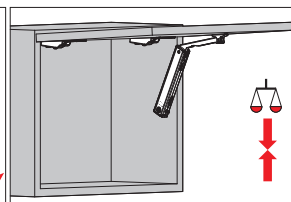
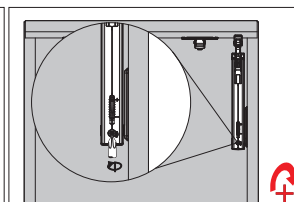
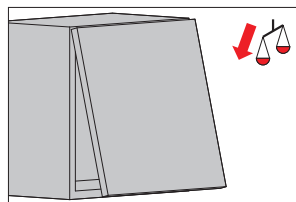
Door assembly



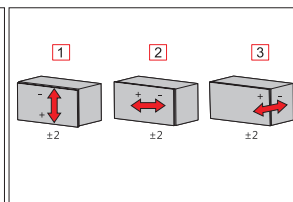
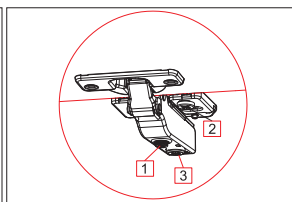
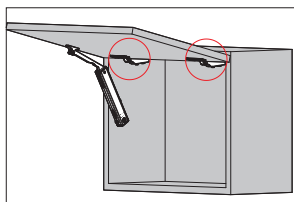
The arm of this device could spring up and cause injury.  
Do not push the arm down without door attached.



### Hovering Adjustment

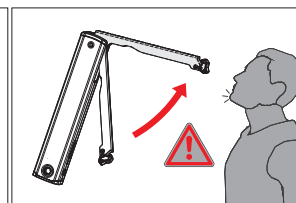
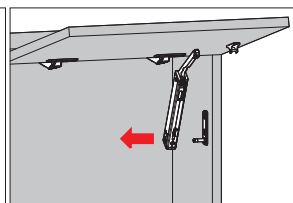
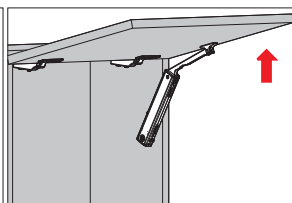
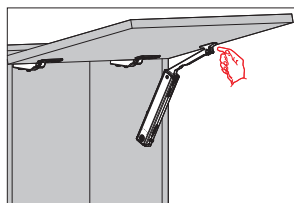


### Door Position Adjustment



- 1 Height Adjustment: +/- 2mm
- 2 Side Adjustment: +/- 2mm
- 3 Depth Adjustment: +/- 2mm

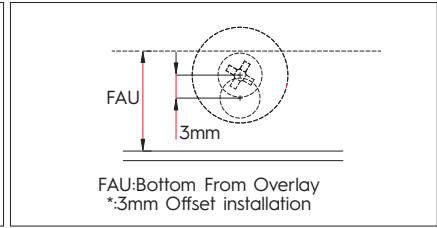
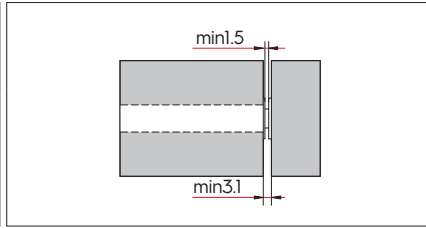
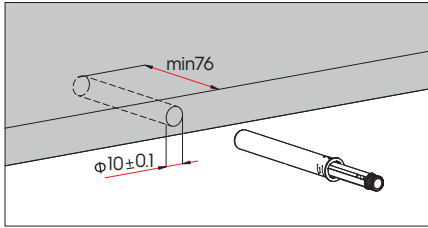
### Removal



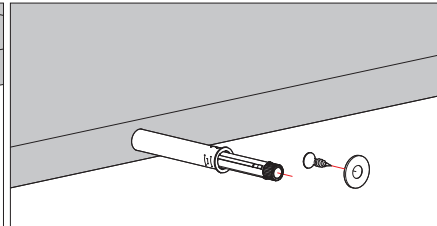
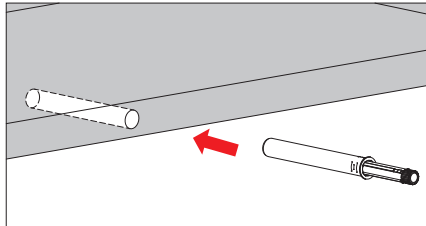
The arm of this device could spring up and cause injury.



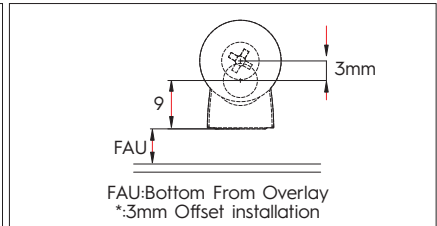
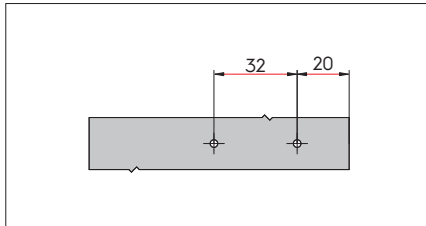
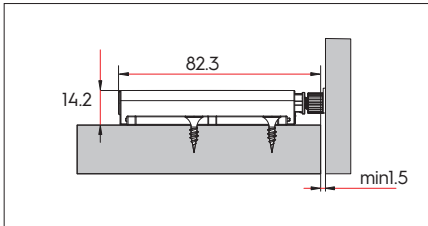
#### Drill-In Magnetic Push Latch Installation Dimensions (mm) (Included)



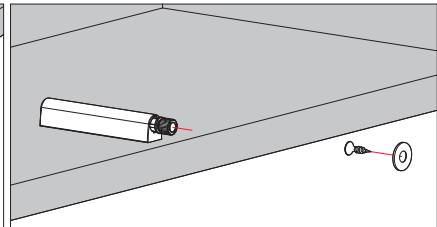
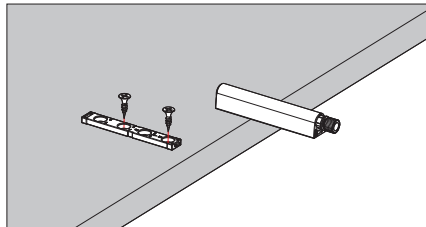
#### Assembly



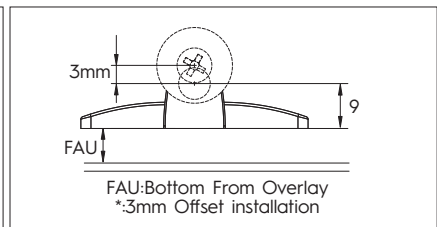
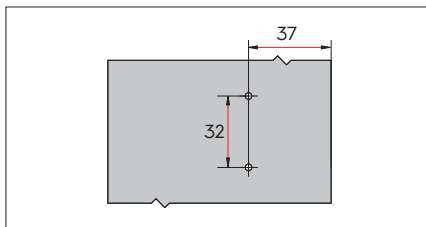
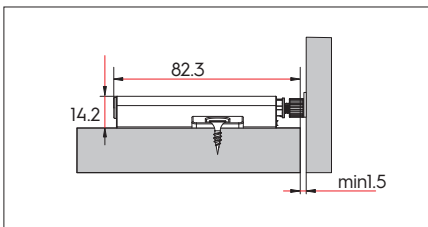
#### Magnetic Push Latch with Inline Fixing Plate (mm) (Sold Separately)



#### Assembly



#### Magnetic Push Latch with Cross Fixing Plate (mm) (Sold Separately)



#### Assembly

