










# Sliding & Folding

Door systems

<p><b>Sliding door systems / top running</b></p> <ul style="list-style-type: none"> <li>▶ TopLine L 6 – 21</li> <li>▶ SysLine S 22 – 35</li> </ul>	
<p><b>Sliding door systems / bottom running</b></p> <ul style="list-style-type: none"> <li>▶ SlideLine M overlay / inset 38 – 66</li> <li>▶ SlideLine 55 68 – 81</li> <li>▶ SlideLine 97 82 – 92</li> </ul>	
<p><b>Retractable (swivel) door systems</b></p> <ul style="list-style-type: none"> <li>▶ KA 5740 94 – 100</li> </ul>	
<p><b>Vertical sliding door systems</b></p> <ul style="list-style-type: none"> <li>▶ Vertico Synchro 102 – 109</li> <li>▶ Vertico Mono 110 – 118</li> </ul>	
<p><b>Folding door systems</b></p> <ul style="list-style-type: none"> <li>▶ WingLine L 120 – 137</li> <li>▶ WingLine 230 138 – 145</li> <li>▶ Wing 77 146 – 156</li> </ul>	
<p><b>Accessories</b></p> <ul style="list-style-type: none"> <li>▶ Accessories 158</li> </ul>	
<p><b>Technical information</b></p> <ul style="list-style-type: none"> <li>▶ Calculating door weights 160 – 161</li> <li>▶ Design advice for sliding door systems 162 – 164</li> <li>▶ Quality criteria 165</li> </ul>	

# Sliding door system / top running

## ► Range summary / technical comparison

	TopLine L	SysLine S
		
Page	6 - 21	22 - 35
Description	Top running sliding door system with two runners	Top running sliding door system with one or two runners
Number of runners	2	1, 2
Door action	Horizontal	Horizontal
Door position	Overlay	Inset
Door weight	► 50 kg max.	► 15 kg max.
Door material	Wood Aluminium	Wood Aluminium
Door width mm	1500 mm max.	410 - 1000
Door height mm	2600 mm max.	up to 1500
Silent System	Soft close Soft opening Soft colliding	Soft close Soft opening



## Sliding door system for overlay door position

### ▶ TopLine L / top running



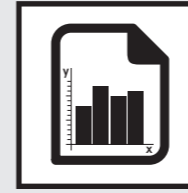
A large format top-running sliding door system recognised for the ease with which it opens and closes. Paired with Hettich's leading soft-closing Silent System, this is a practical but luxurious door option. Popular uses of the

TopLine L system include in wardrobes, pantries, nooks or niches. So quiet you'll barely hear it, this system is also super easy to install. Enjoy tool-less installation alongside an easy fit Silent System and adjustments.

## Sliding door system for overlay door position

### ▶ TopLine L / top running

### ▶ Summary



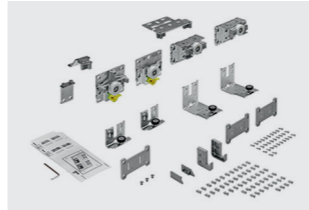
Performance summary  
▶ Design principle  
▶ General information  
▶ Door format and door weight

8



Planning dimensions in brief

9



System components

10 - 12



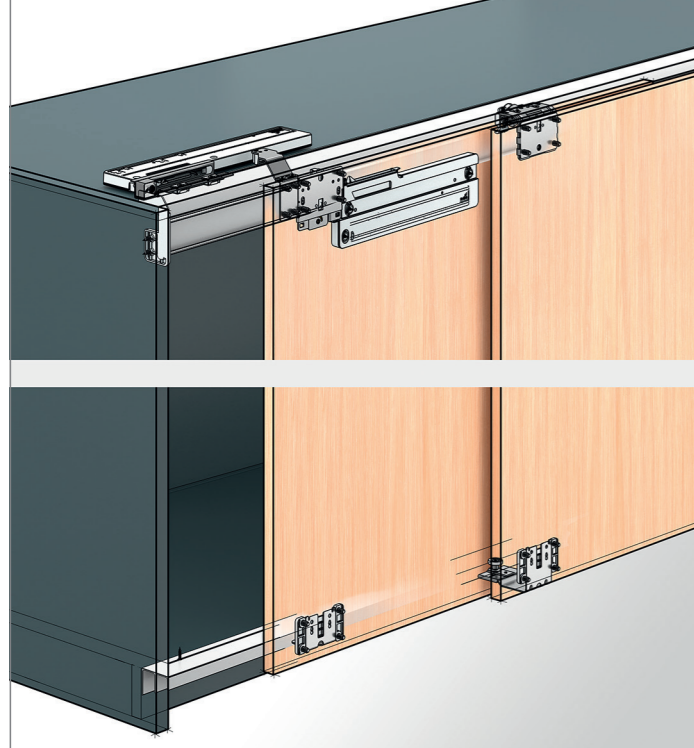
Installation instructions

13 - 21

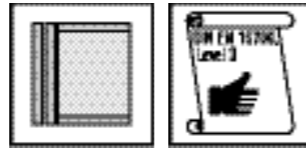
# Sliding door system for overlay door position

- ▶ TopLine L / top running
- ▶ Performance summary

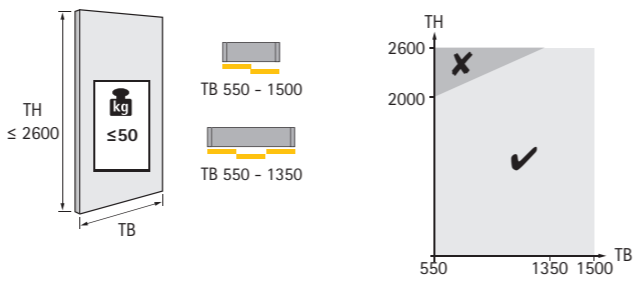
## Design principle



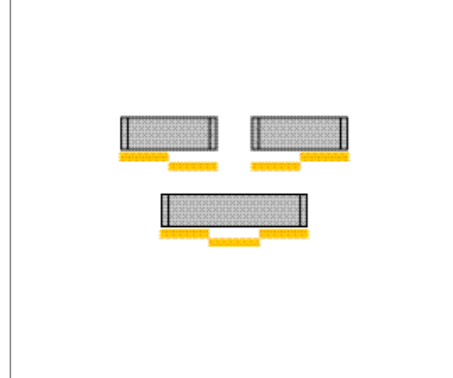
## General information



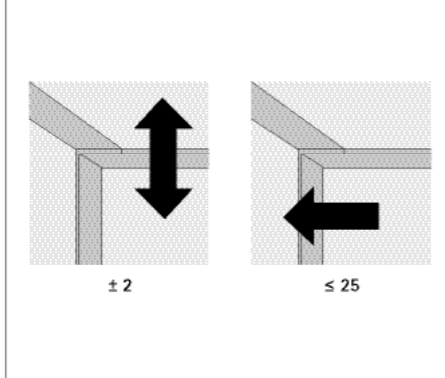
## Door format and door weight



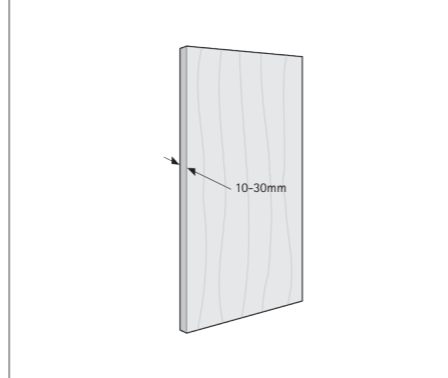
## Number of doors and door position



## Height / overlay adjustment



## Door material



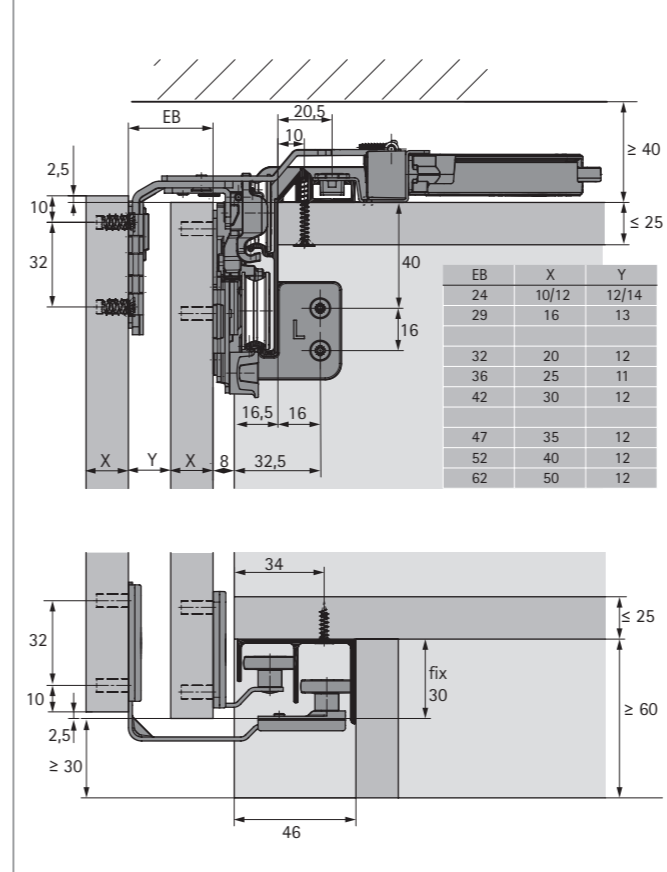
## Silent System options

	2-door	3-door
Soft closing		
Soft opening		
Soft colliding		

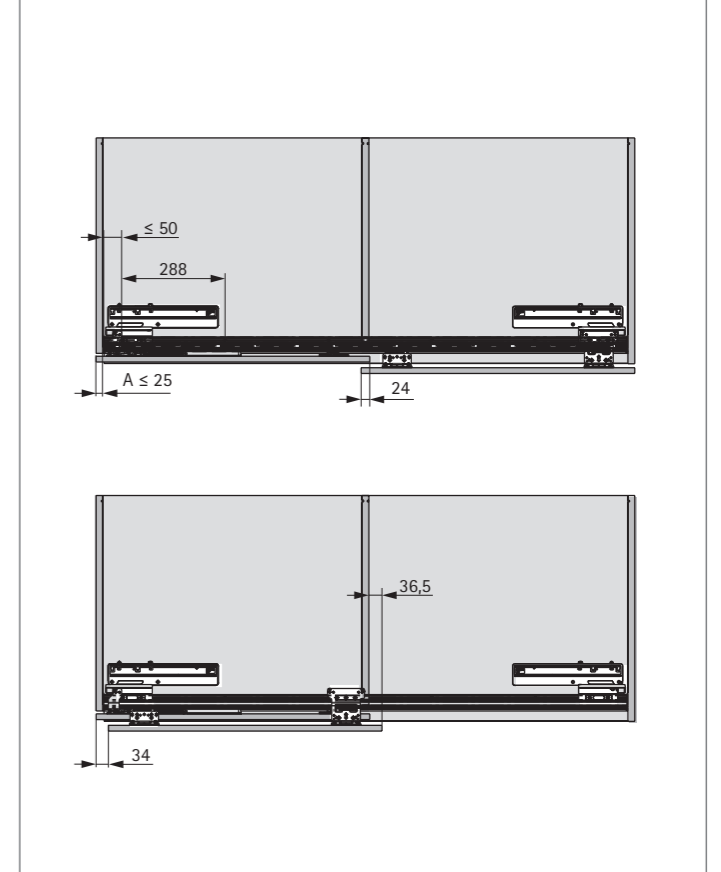
# Sliding door system for overlay door position

- ▶ TopLine L / top running
- ▶ Planning dimensions in brief

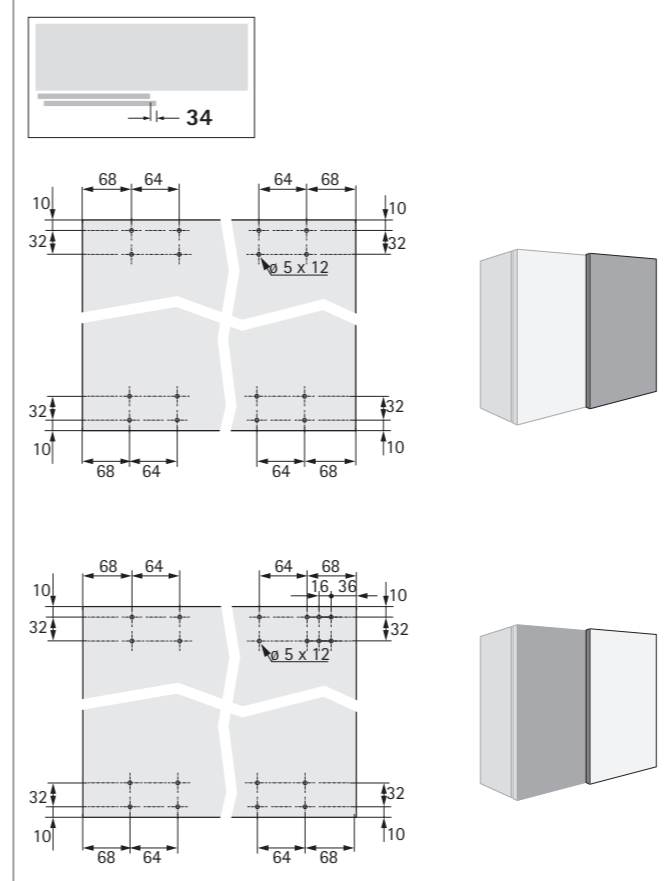
## Installation dimensions



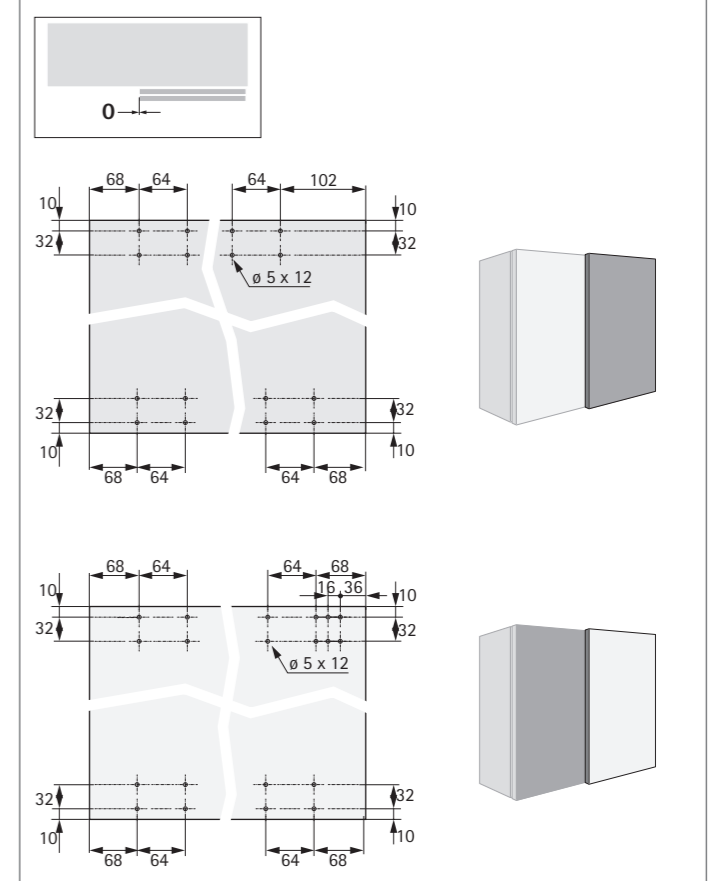
## Horizontal cross section, 2-door



## Drilling pattern, door - door offset 34 mm



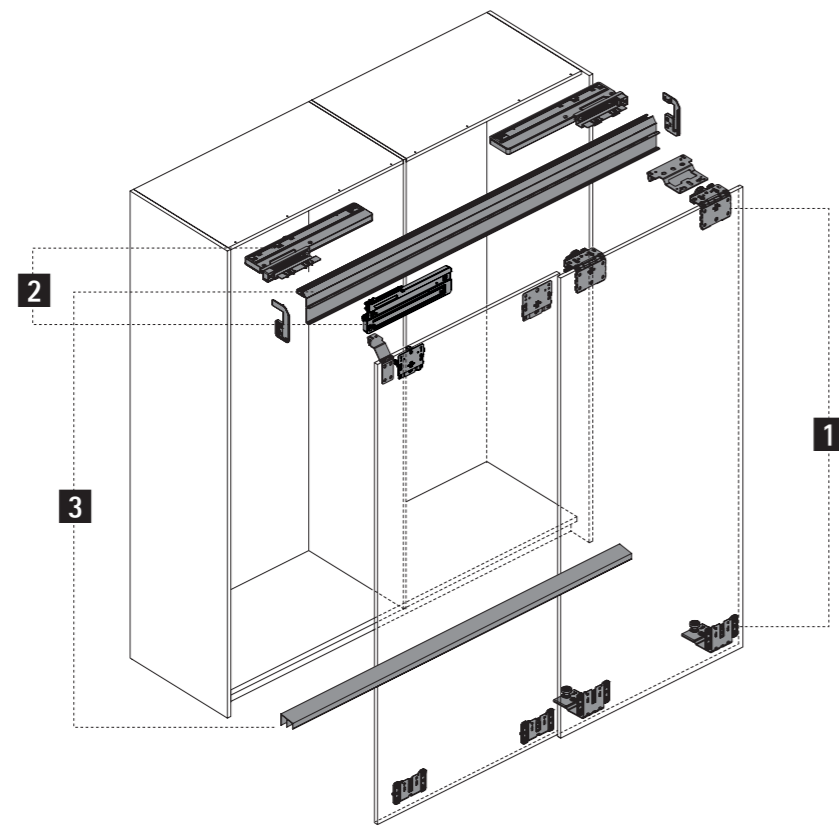
## Drilling pattern, door - door offset 0 mm



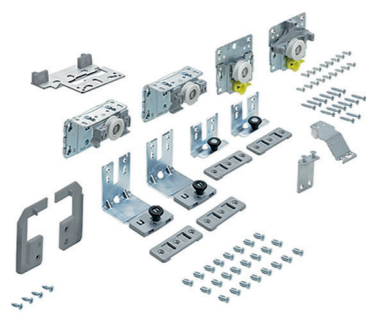
# Sliding door system for overlay door position

- ▶ TopLine L / top running
- ▶ System components

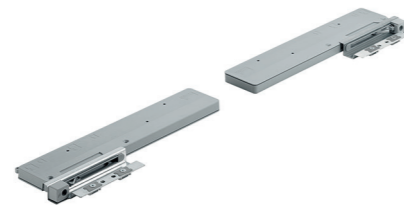
## System summary



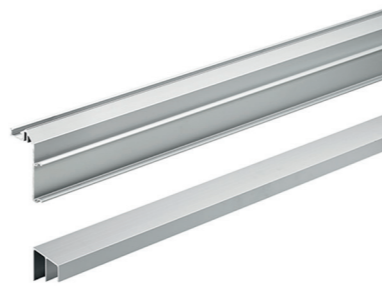
### 1 Runner and guide components



### 2 Silent System



### 3 Runner and guide profiles



### 4 System accessories



# Sliding door system for overlay door position

- ▶ TopLine L / top running
- ▶ System components

## 1 Running and guide components

▶ Set comprises running and guide components as well as fixing material for 2 or 3-door sliding door cabinets

Illustration	Maximum door thickness mm	Maximum door weight kg	Order no. / number of doors			PU
			2-door, left	2-door, right	3-door	
	10 - 16	50	9 242 708	9 242 709	9 242 710	1 set
	18 - 30	50	9 242 711	9 242 712	9 242 713	1 set

## 2 Silent System

### Silent System soft closing

- ▶ Set comprises all soft closing elements for 2 or 3-door sliding door cabinets
- ▶ 3-door set includes middle door Silent System for opening the door to the left and right

Illustration	Maximum door weight kg	Order no. / number of doors		PU
		2-door	3-door	
	50	9 242 238	9 242 240	1 set
	20	9 277 096	9 277 098	1 set

### Silent System soft opening

▶ Set comprises all soft opening elements for 2 or 3-door sliding door cabinets

Illustration	Maximum door weight kg	Order no. / number of doors		PU
		2-door	3-door	
	50	9 242 227	9 242 228	1 set
	20	9 277 151	9 277 152	1 set

### Silent System soft colliding

Illustration	Description	Order no.	PU
	Set includes soft colliding for the rear most doors of 3-door sliding door cabinets	9 254 630	1 set

## 3 Runner and guide profiles

### Profile set

- ▶ Set comprises 1 runner profile and 1 guide profile
- ▶ Runner / guide profiles: aluminium, silver anodised

Illustration	Length mm	Order no.	PU
	2300	9 277 164	1 set
	4000	9 277 167	1 set





# Sliding door system for overlay door position

- ▶ TopLine L / top running
- ▶ System components

## 4 System accessories

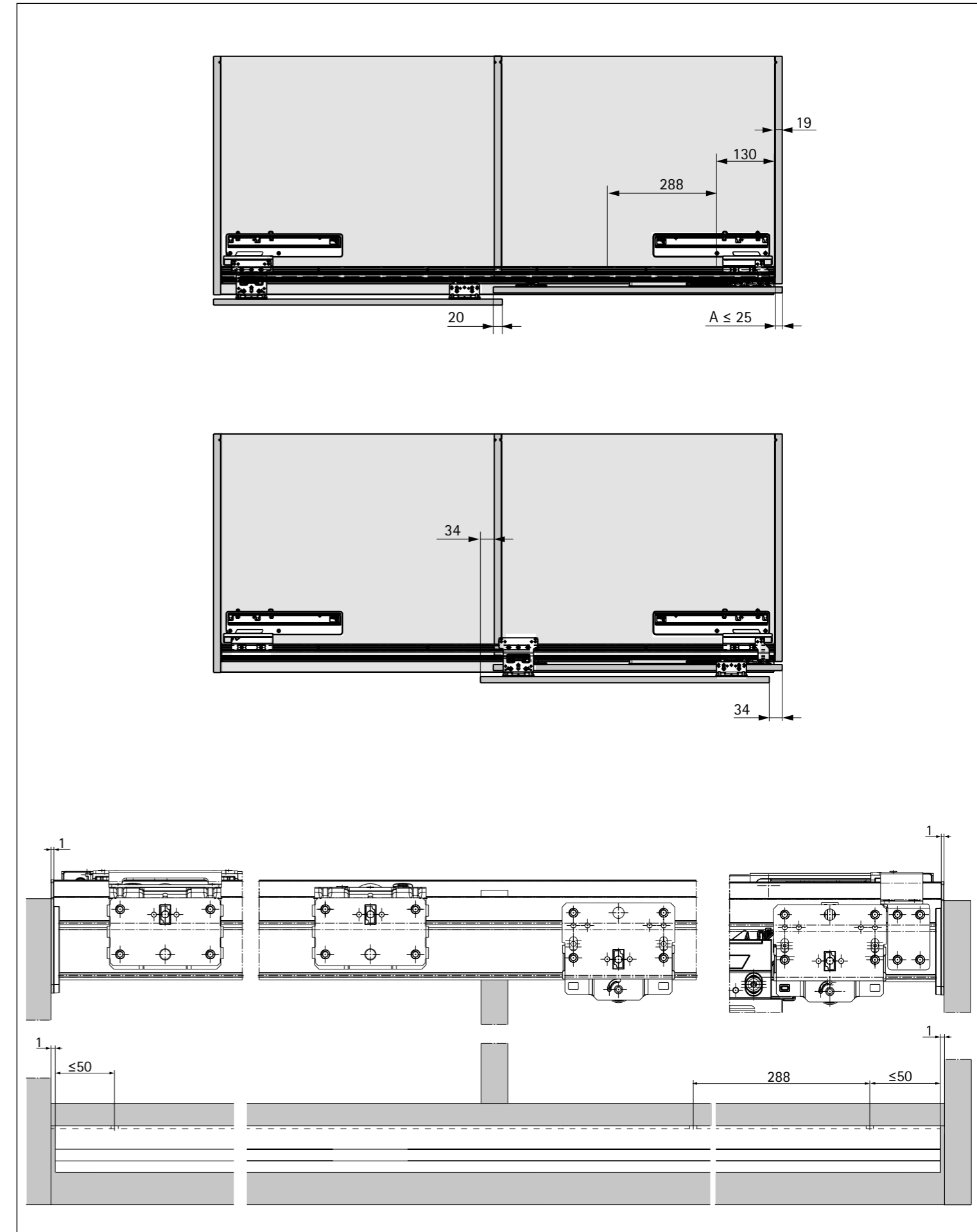
### Coloured set

- ▶ Self adhesive decorative tape for easy application to the visible surface of the runner profile

Illustration	colour	Length mm	Order no.	PU
	Black	4000	9 209 271	1 set
	White	4000	9 209 273	1 set

# Installation Instructions

- ▶ TopLine L / top running
- ▶ Installation dimensions for 2-door

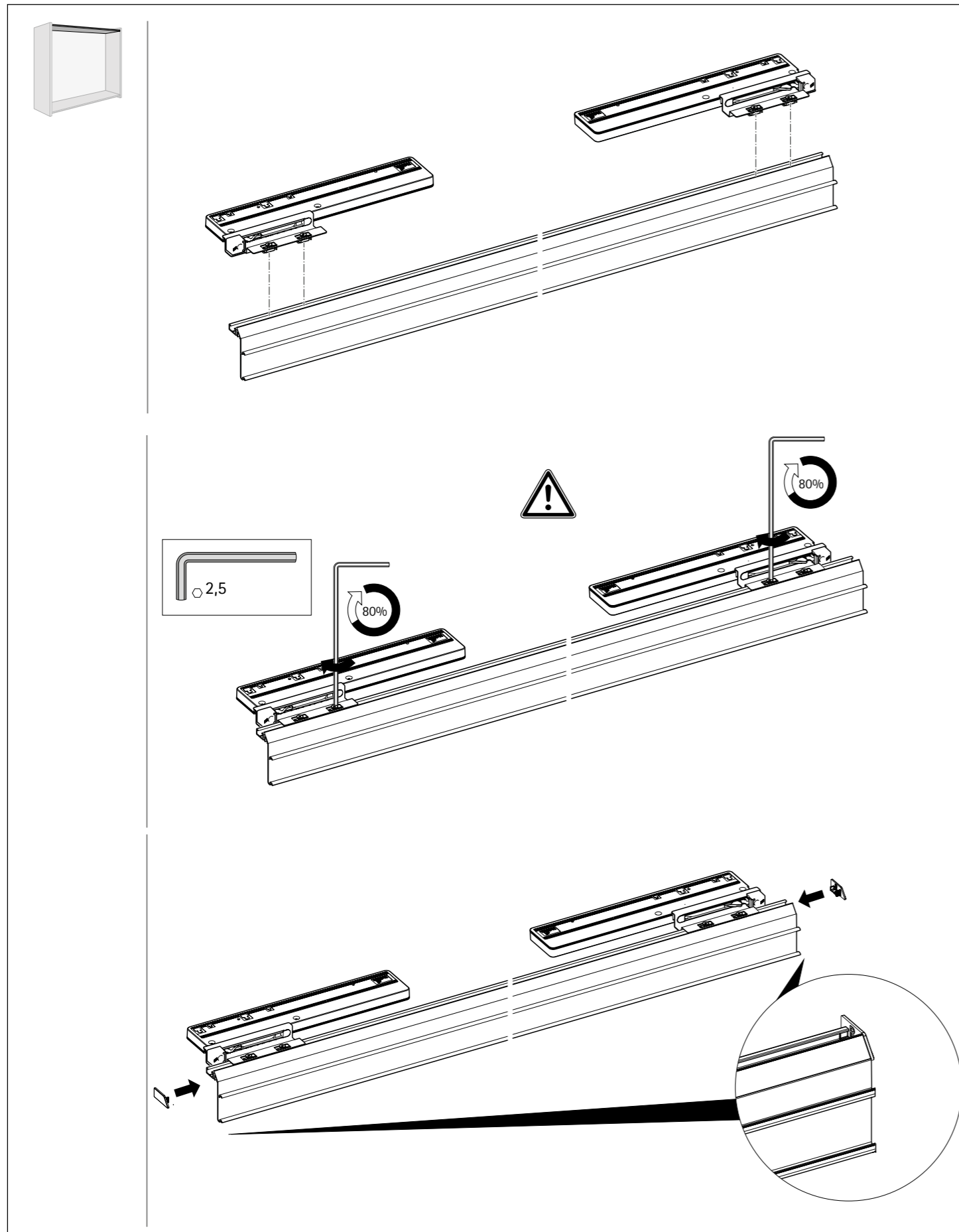






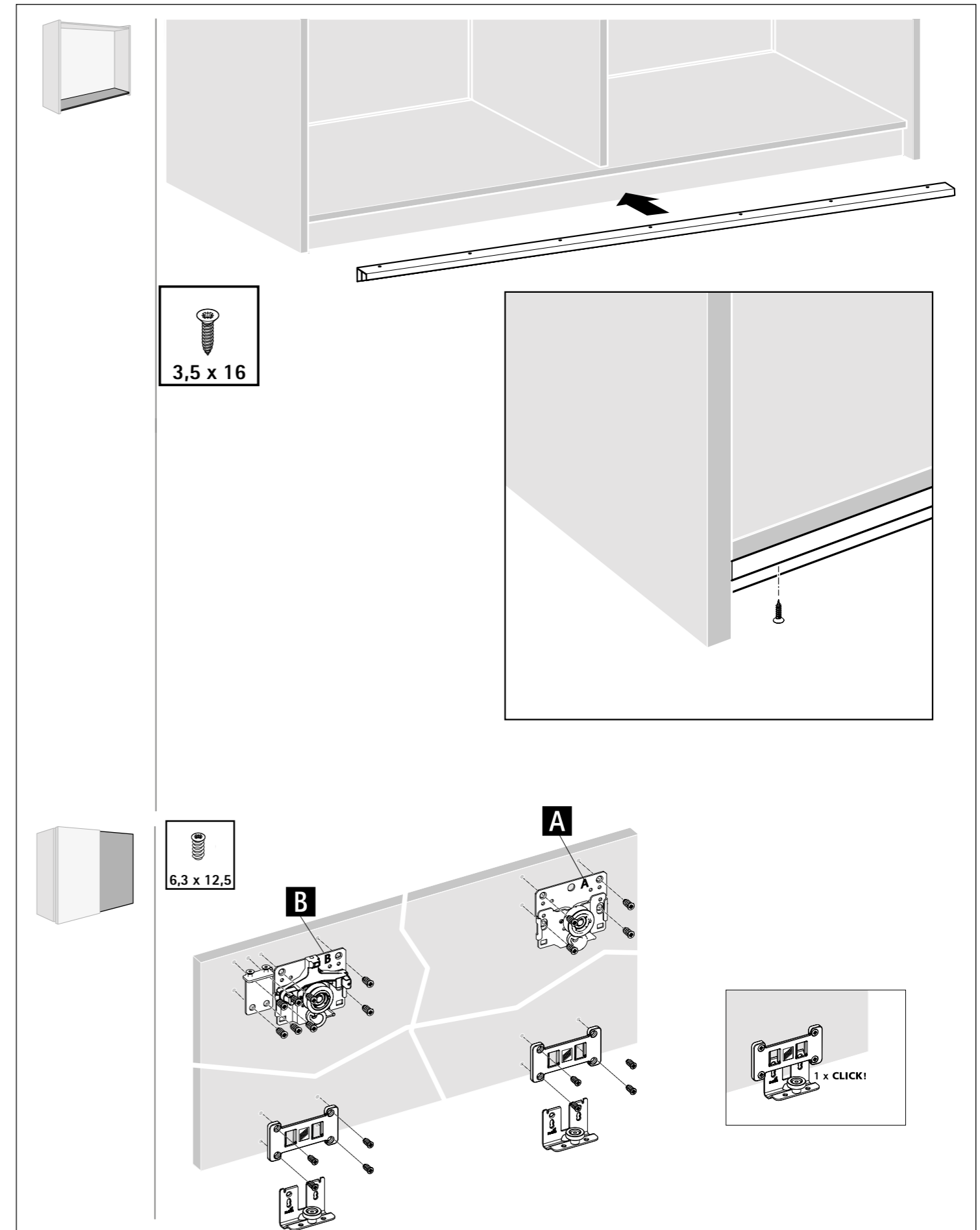
# Installation Instructions

- ▶ TopLine L / top running
- ▶ Installation dimensions for 2-door



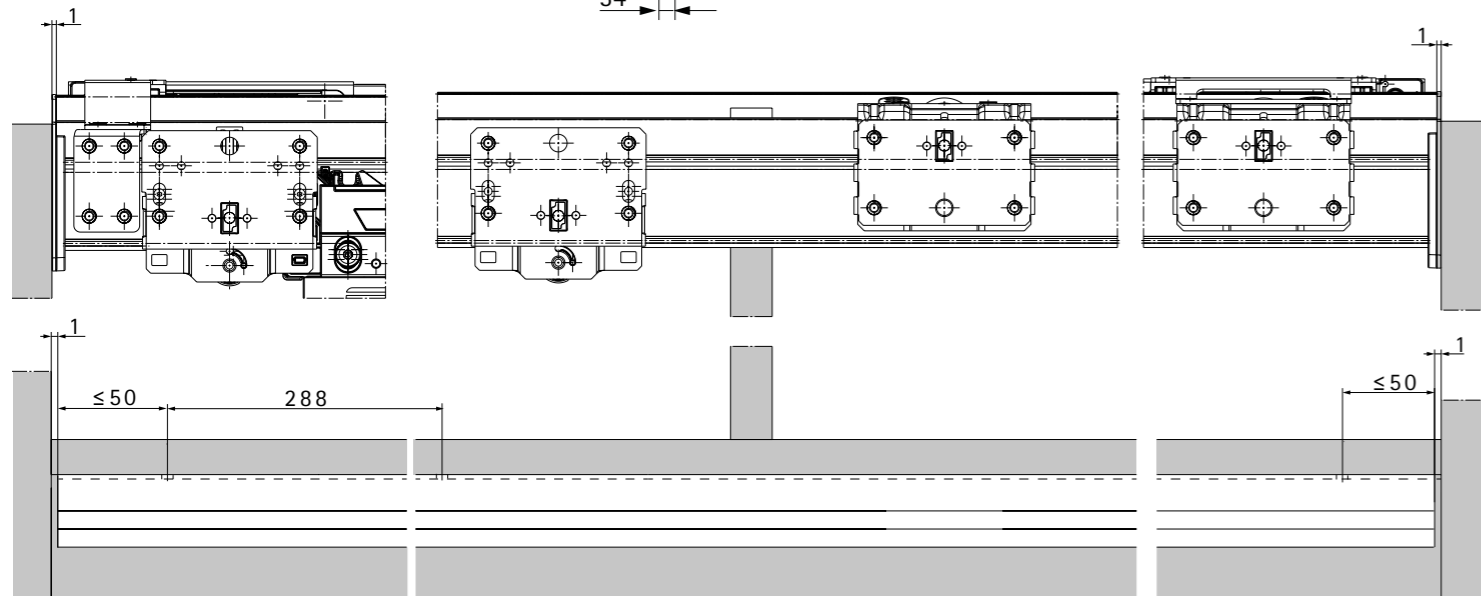
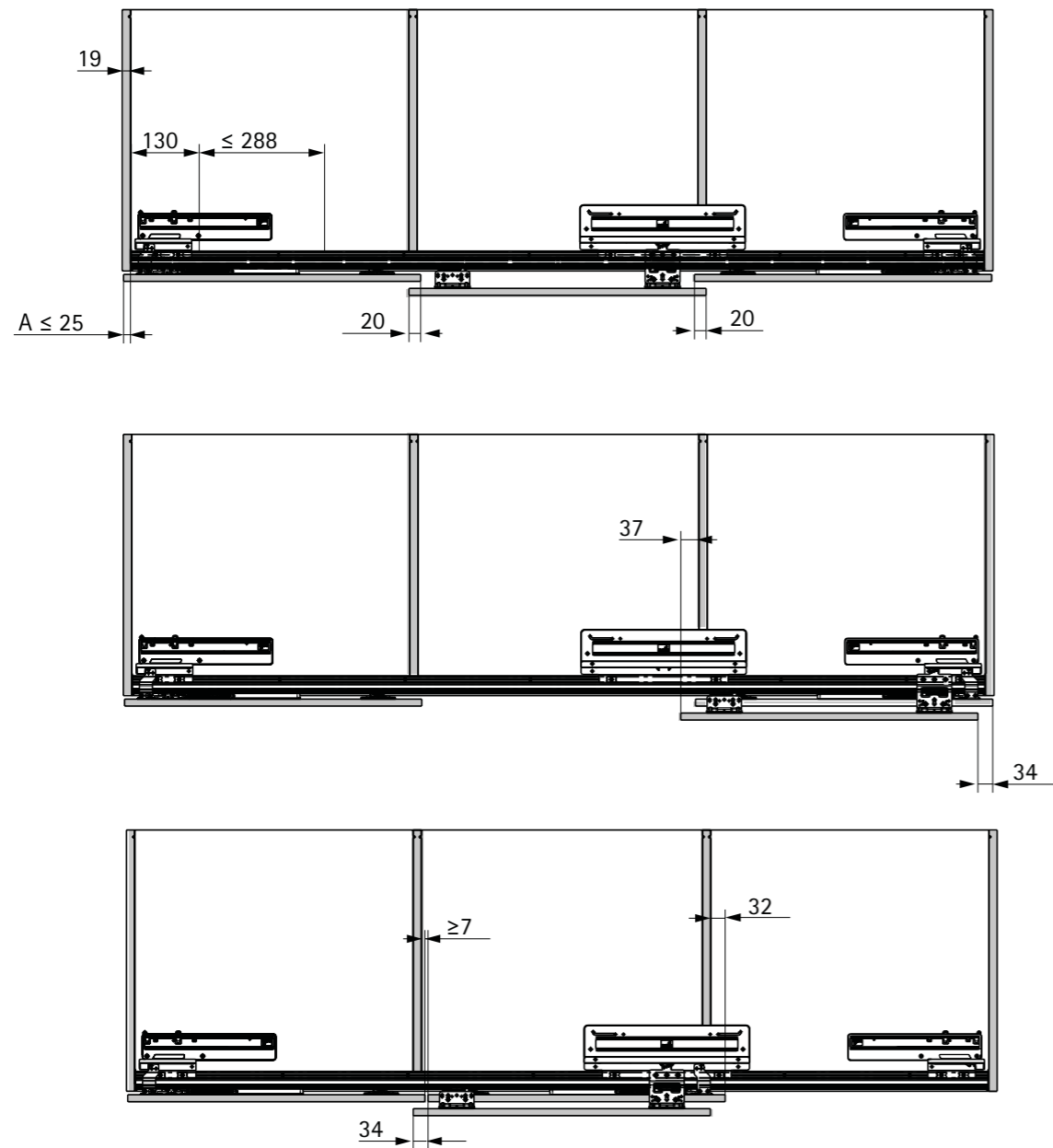
# Installation Instructions

- ▶ TopLine L / top running
- ▶ Installation dimensions for 2-door



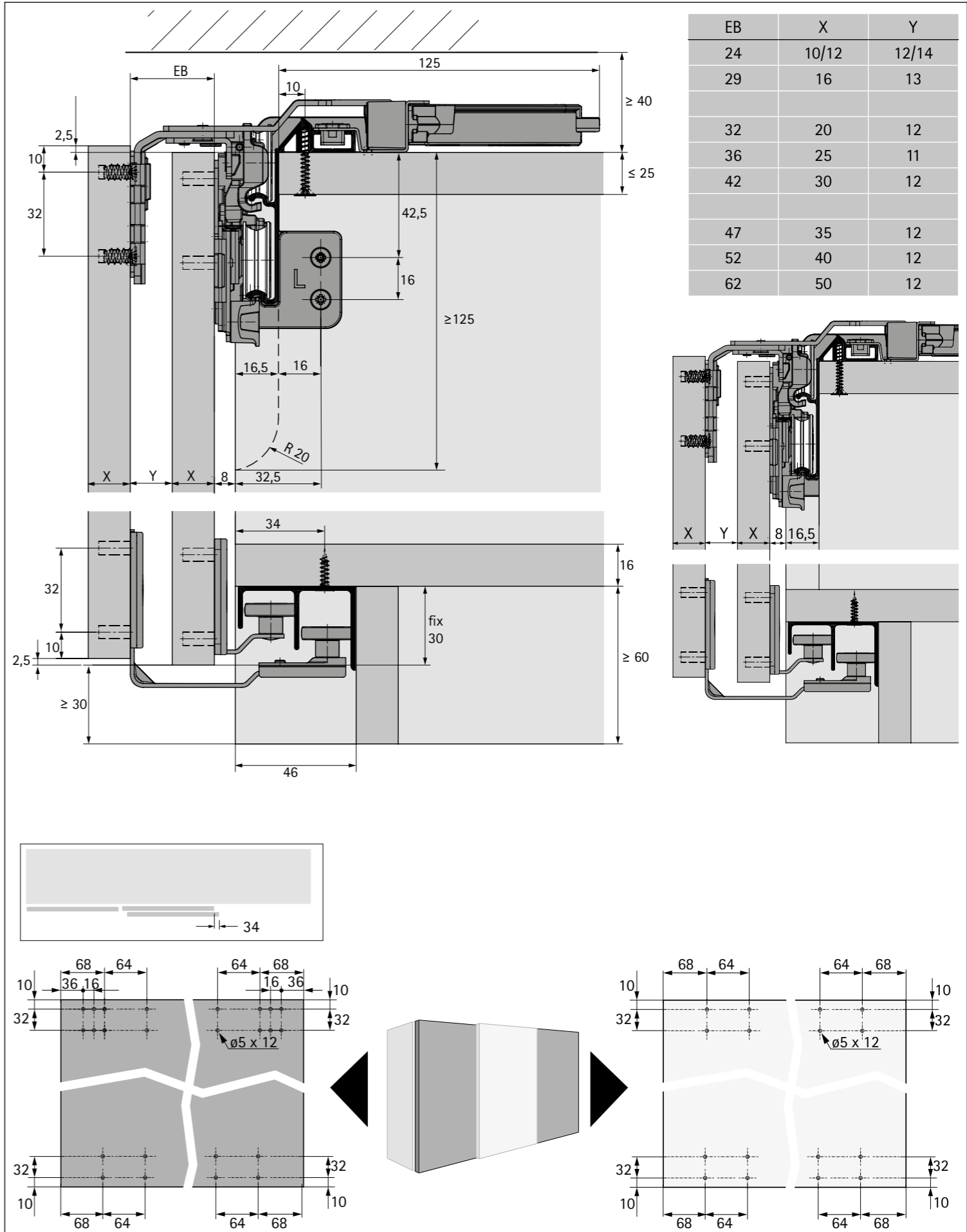
# Installation Instructions

- ▶ TopLine L / top running
- ▶ Installation dimensions for 3-door



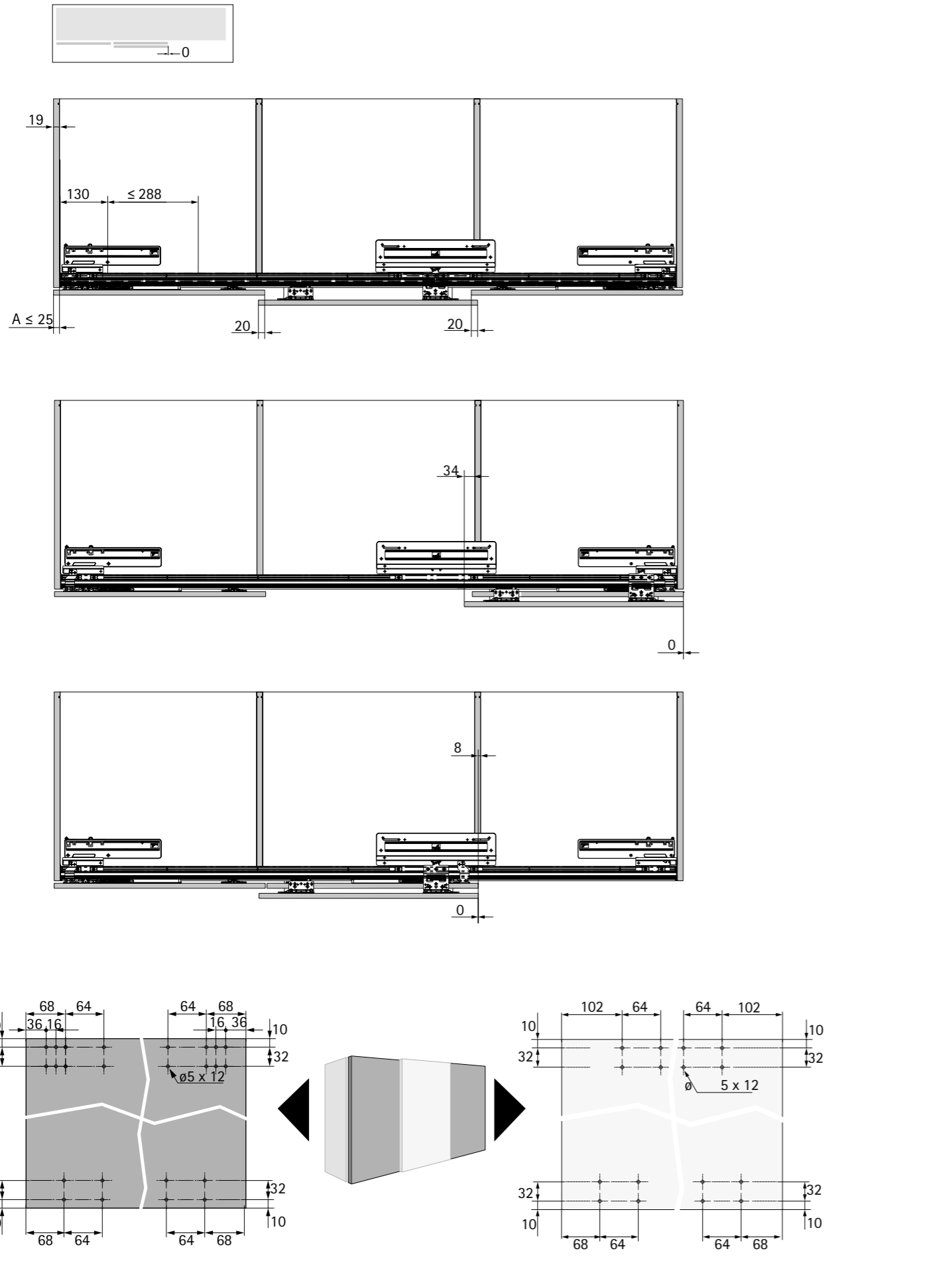
# Installation Instructions

- ▶ TopLine L / top running
- ▶ Installation dimensions for 3-door



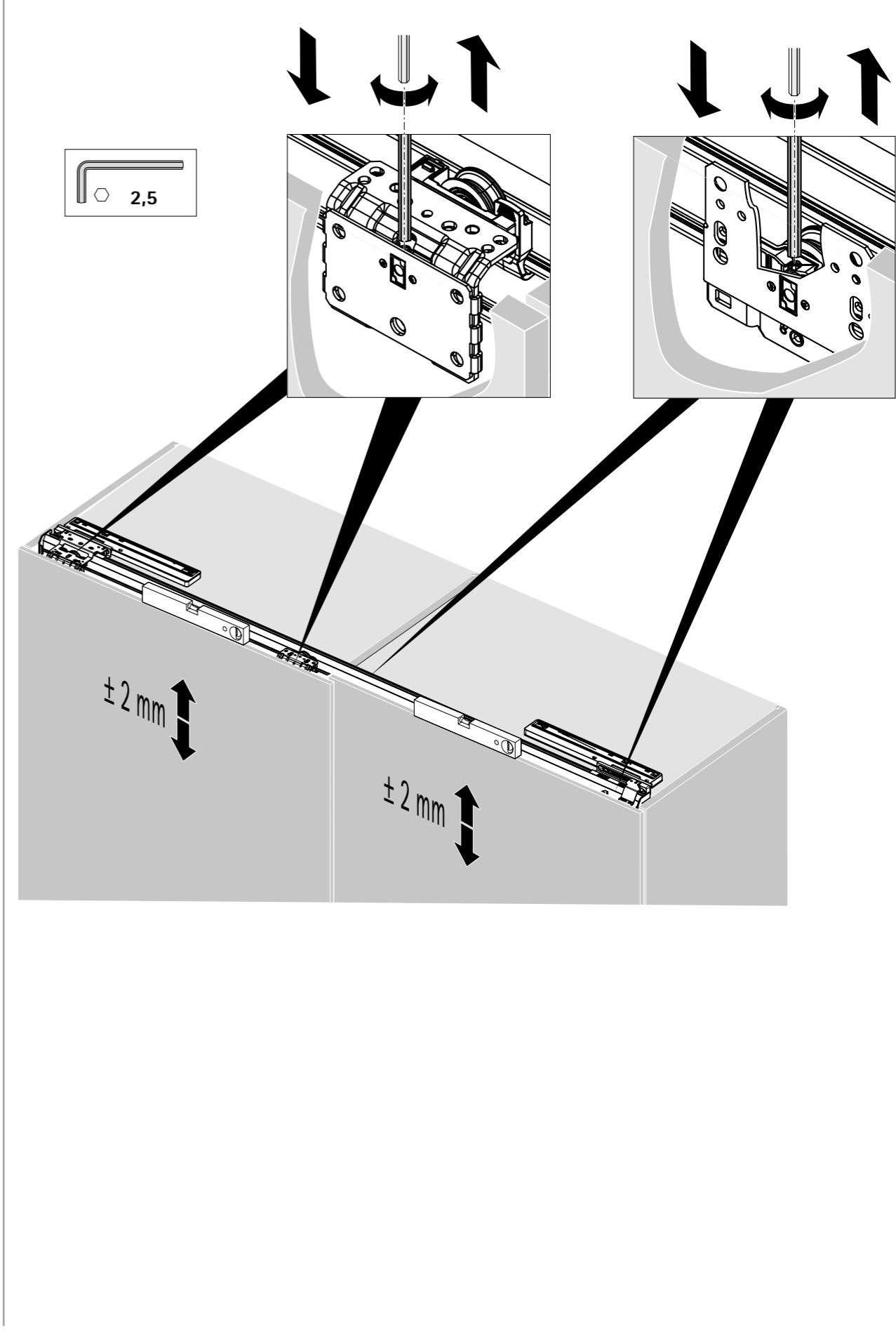
# Installation Instructions

- ▶ TopLine L / top running
- ▶ Installation dimensions for 3-door



# Installation Instructions

- ▶ TopLine L / top running
- ▶ Height adjustment



## Sliding door system / top running

### ▶ SysLine S / inset door position



SysLine S gently moves aside doors weighing up to 15 kg without the bottom running track. The optional Silent System provides a sense of luxury. SysLine S has an easy clip installation and tool-less height adjustment.

It opens doors with zero protrusion to facilitate internal drawers, often making it perfect for commercial applications, such as offices, and residential, such as custom storage.

## Sliding door system / top running

### ▶ SysLine S / inset door position

### ▶ Summary



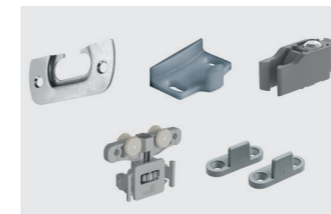
Performance summary  
▶ Technical details in brief  
▶ Door sizes  
▶ Silent System  
▶ Operating principle

24 – 25



Planning dimensions

26 – 30



System components

31 – 32



Installation

33 – 35

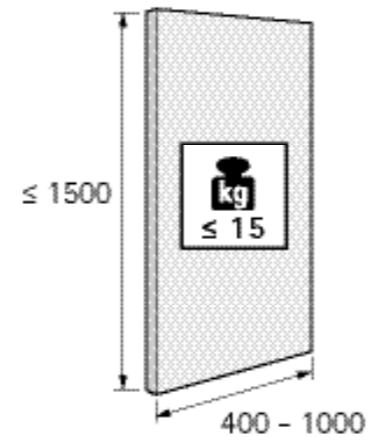
# Sliding door system / top running

- ▶ SysLine S / inset door position
- ▶ Performance summary

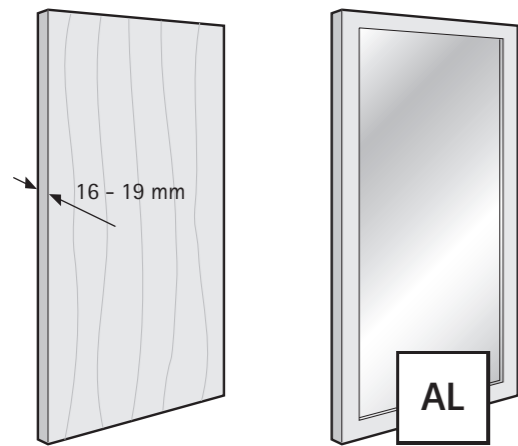
## Technical details in brief

- ▶ 1 or 2-track, top running sliding door system
- ▶ Inset door position
- ▶ For wooden and aluminium framed doors
- ▶ For top panel thicknesses of 16 mm and over
- ▶ Door thicknesses 16 - 19 mm
- ▶ Door weight up to 15 kg
- ▶ Door height up to 1500 mm
- ▶ Door width 410 - 1000 mm
- ▶ Tool-less height adjustment +/- 1.5 mm
- ▶ Optional Silent System in closing and opening direction
- ▶ Tool-less fast installation of the front panel
- ▶ Tested to DIN EN 15706, Level 3
- ▶ Can be combined with various runner gliders or STB 11, STB 35 guide system

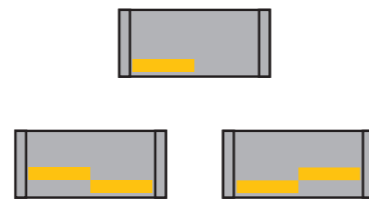
## Door format and door weight



## Door material



## Number of door wings and door position



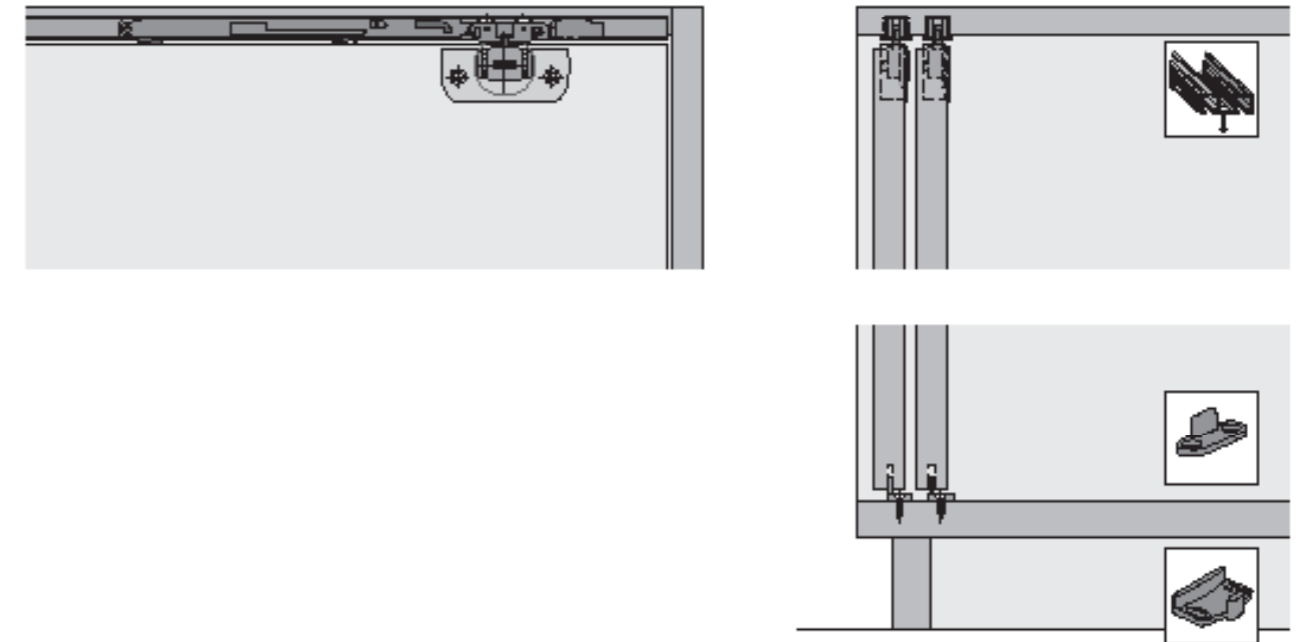
## Silent System

	1-door	2-door		
Soft closing				
Soft opening				

# Sliding door system / top running

- ▶ SysLine S / inset door position
- ▶ Performance summary

## Operating principle

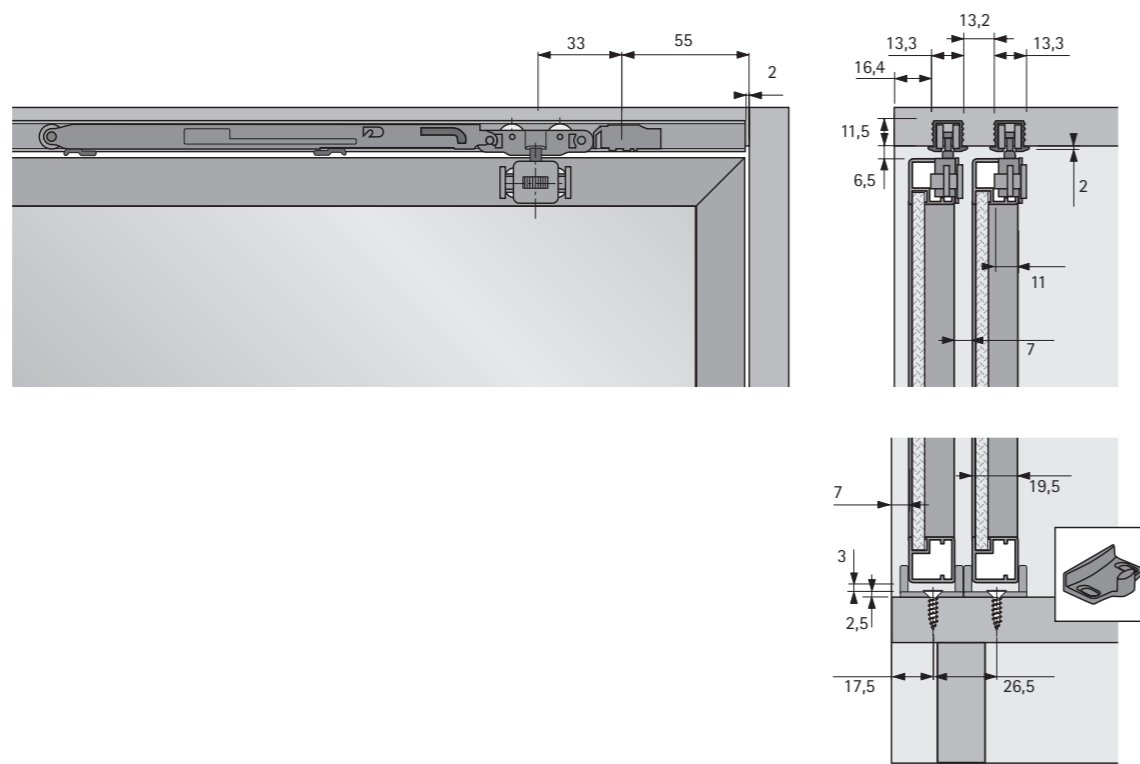




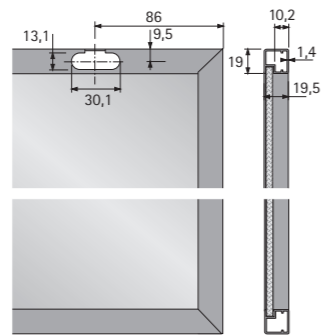
# Sliding door system / top running

- ▶ SysLine S / inset door position
- ▶ Planning dimensions

## Installation dimensions for 19 mm aluminium framed doors



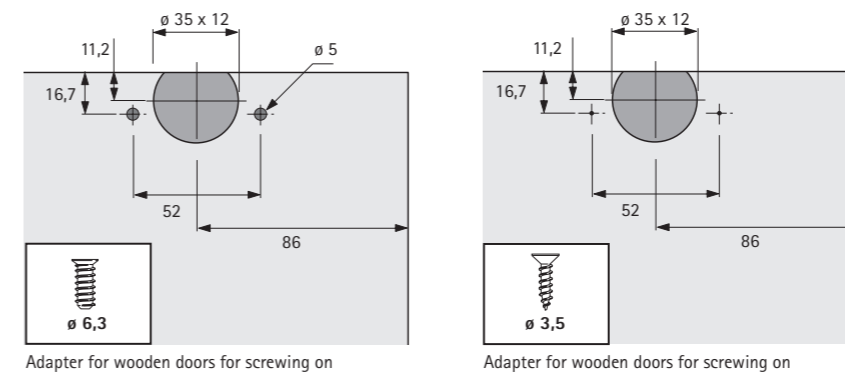
## Drilling pattern for aluminium framed door



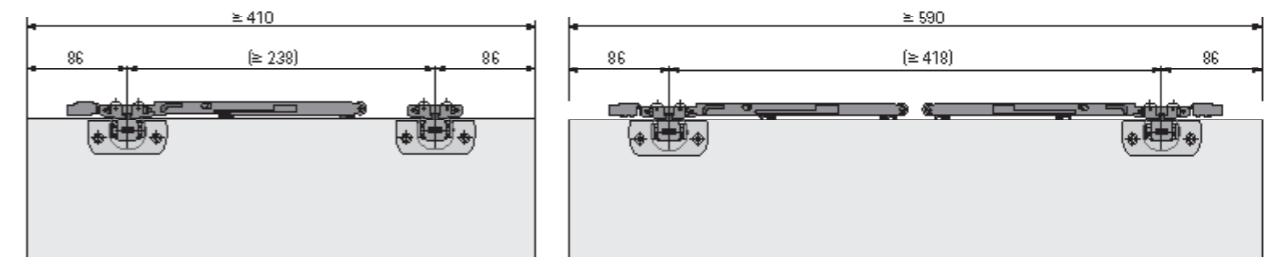
# Sliding door system / top running

- ▶ SysLine S / inset door position
- ▶ Planning dimensions

## Drilling pattern for wooden door



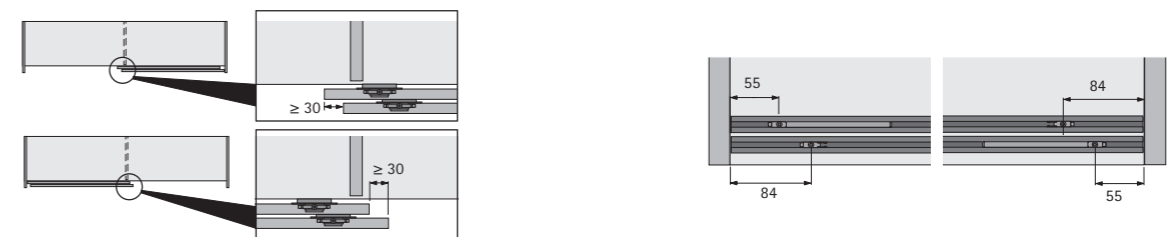
## Minimum door width



## Positioning end stop and activator for flush opening



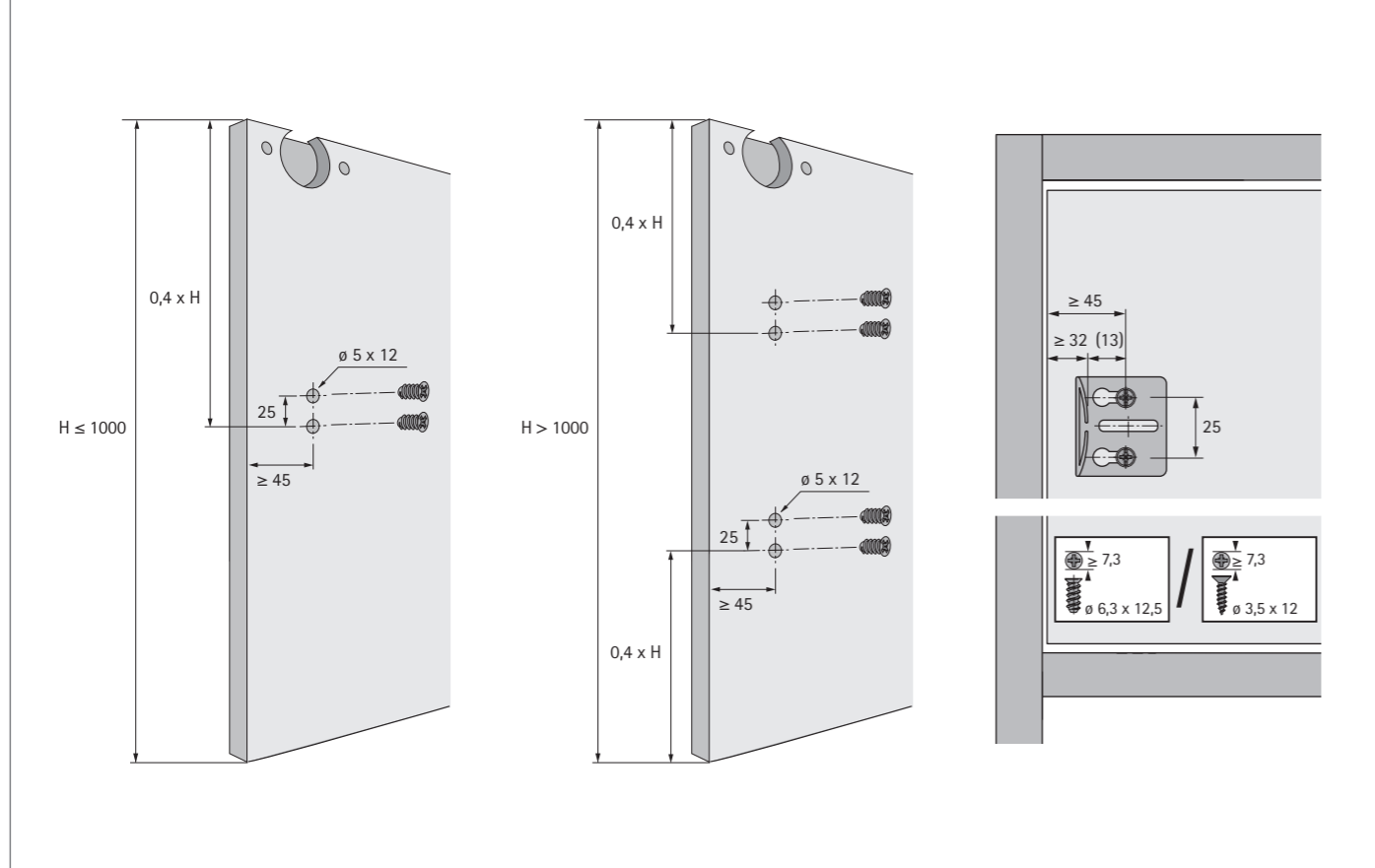
## Positioning end stop and activator for offset opening



## Sliding door system / top running

- ▶ SysLine S / inset door position
- ▶ Planning dimensions

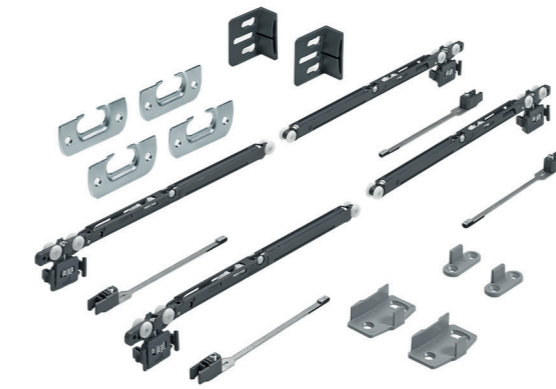
### Drilling pattern for door stop / spacer



## Sliding door system / top running

- ▶ SysLine S / inset door position
- ▶ System components

### Set with Silent System soft closing and soft opening



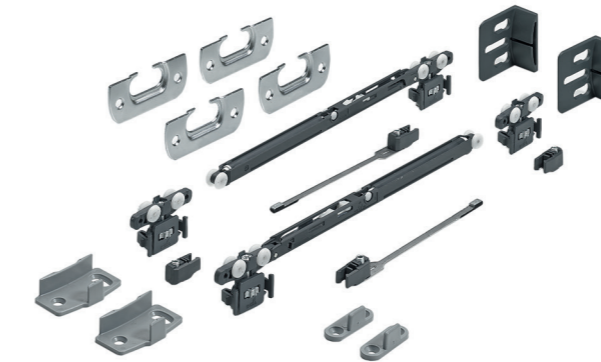
- ▶ Set contains components for a 2-door cabinet
- ▶ Closing and opening sliding doors quietly and gently
- ▶ With integrated, tool-less height adjustment

Set comprises:

- ▶ 4 running components with Silent System
- ▶ 4 activators for Silent System
- ▶ 4 adapters for wooden doors
- ▶ 2 bottom guide components for wooden doors
- ▶ 2 bottom guide components for aluminium framed doors
- ▶ 2 door stops / spacers

Order no.	PU
9 208 511	1 set

### Set with Silent System soft closing element



- ▶ Set contains components for a 2-door cabinet
- ▶ Quietly and gently closing sliding doors
- ▶ With integrated, tool-less height adjustment

Set comprises:

- ▶ 2 running components
- ▶ 2 running components with Silent System
- ▶ 2 activators for Silent System
- ▶ 2 end stops
- ▶ 4 adapters for wooden doors
- ▶ 2 bottom guide components for wooden doors
- ▶ 2 bottom guide components for aluminium framed doors
- ▶ 2 door stops / spacers

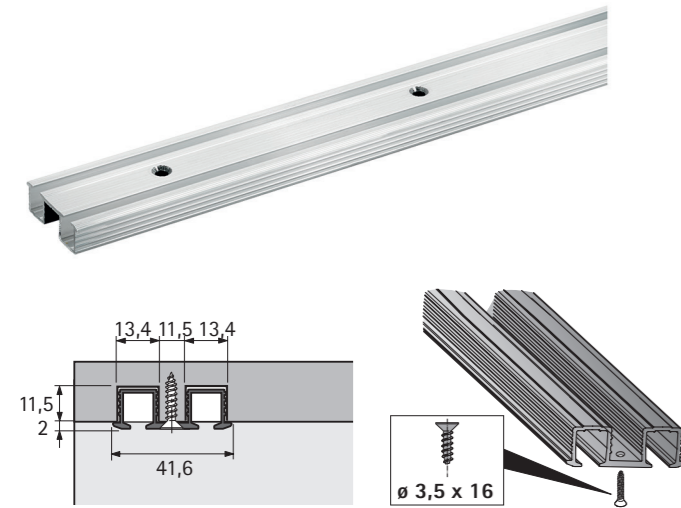
Order no.	PU
9 134 311	1 set



## Sliding door system / top running

- ▶ SysLine S / inset door position
- ▶ System components

### Screw on runner profile



- ▶ Top panel thickness 16 mm min.
- ▶ Door thickness 19 mm max.
- ▶ Aluminium, bright

#### Useful information:

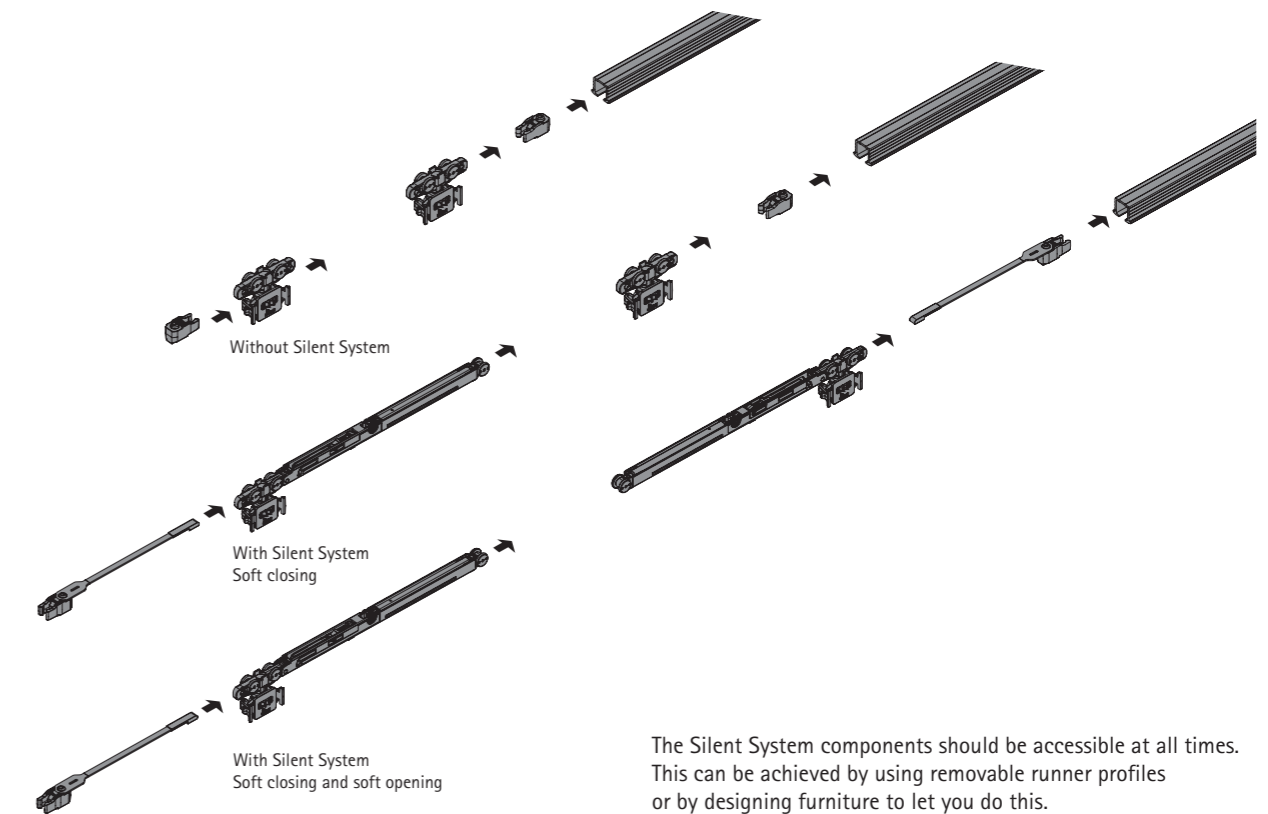
- ▶ After cutting to length, an additional hole must be drilled at a distance of 50 mm if the last drill hole is not positioned between 30 mm and 70 mm from the end of the profile.

Length mm	Order no.	PU
2000	9 136 105	1 ea.

## Sliding door system / top running

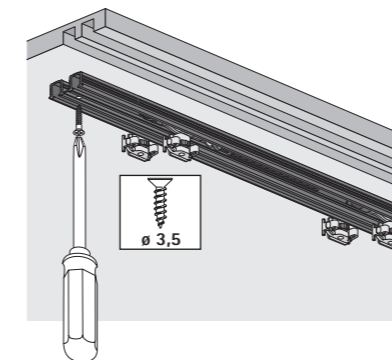
- ▶ SysLine S / inset door position
- ▶ Installation

### Fitting running components, end stops and activators into the profile

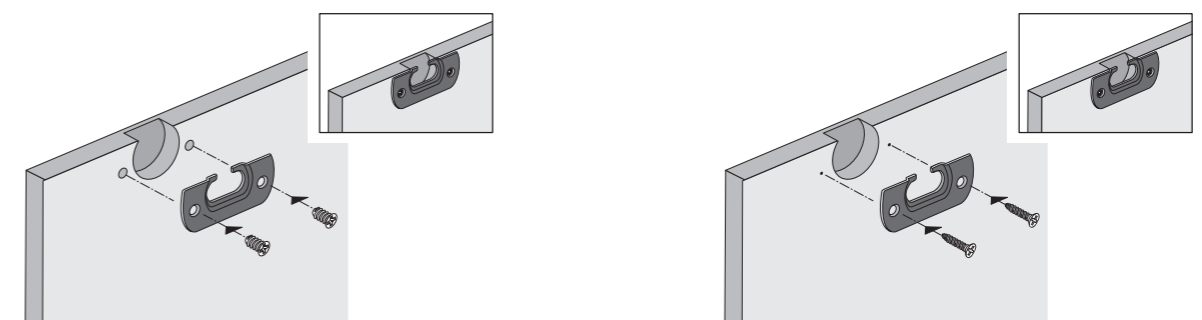


The Silent System components should be accessible at all times. This can be achieved by using removable runner profiles or by designing furniture to let you do this.

### Installing the runner profiles



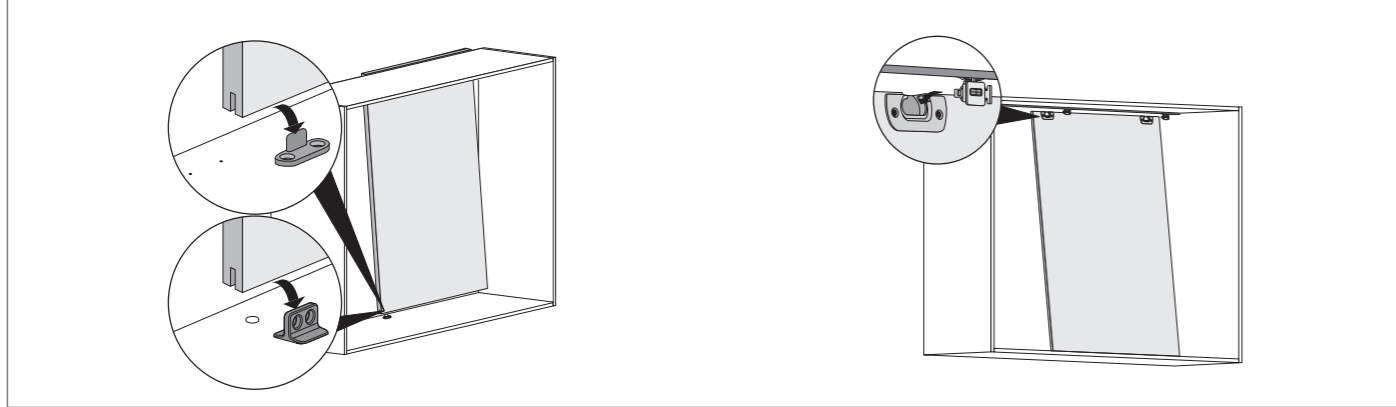
### Installing the adapters for wooden doors



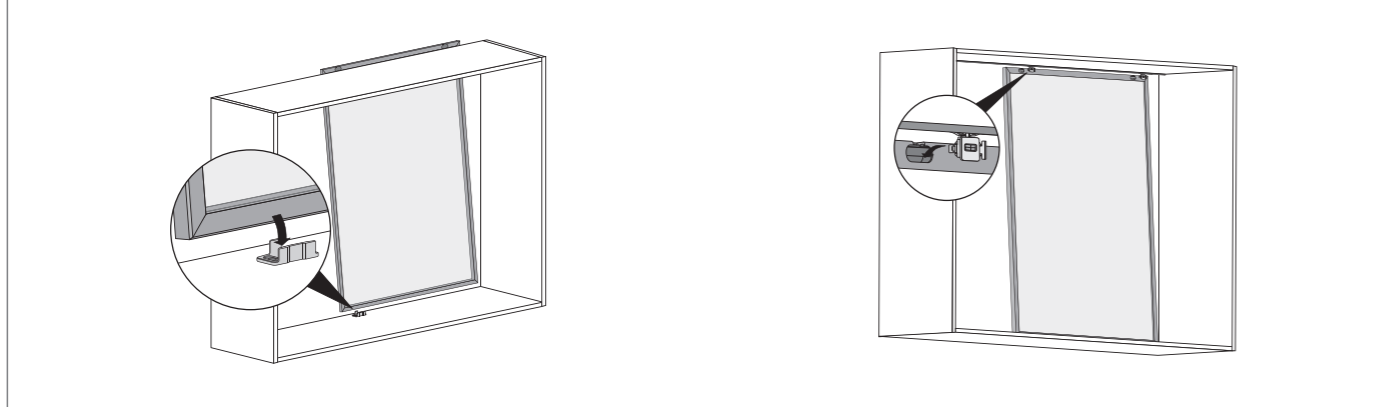
# Sliding door system / top running

- ▶ SysLine S / inset door position
- ▶ Installation

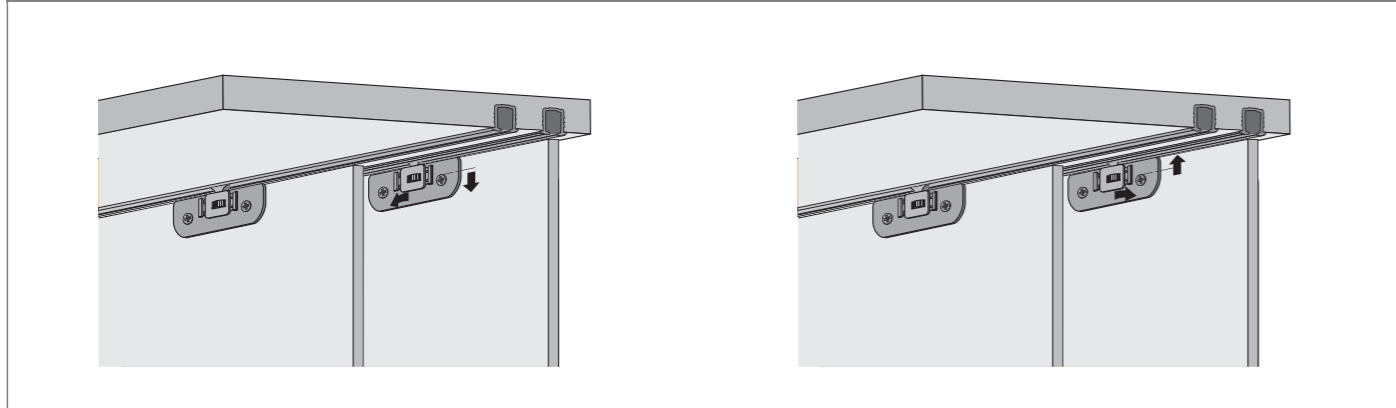
## Hooking in wooden doors



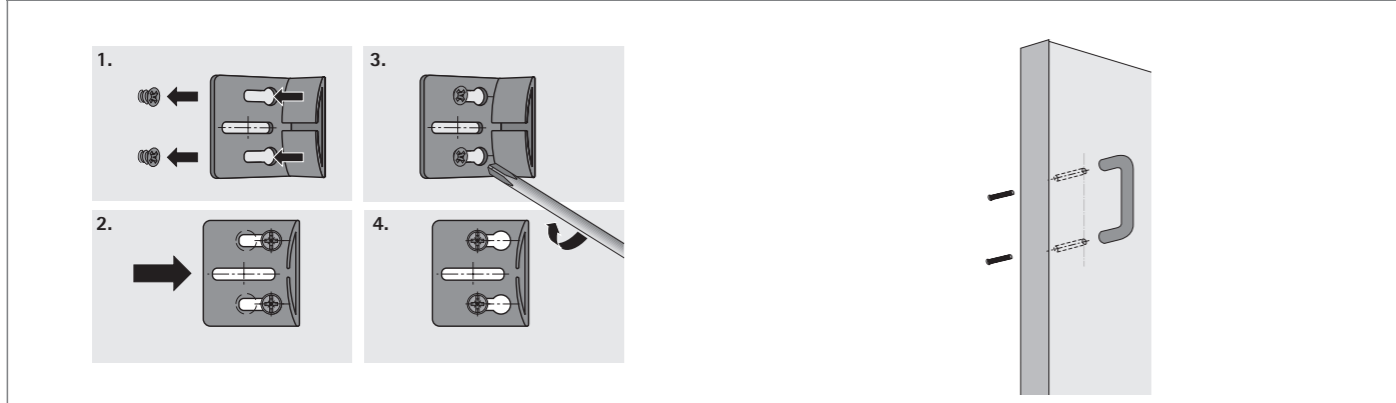
## Hooking in aluminium framed doors



## Height adjustment



## Installing door stop / spacers and handles



# Sliding door system / bottom running

## ► Range summary / technical comparison

	 SlideLine M, overlay	 SlideLine M, inset	 SlideLine 55 Plus	 SlideLine 97
Page	38 - 53	54 - 66	68 - 81	82 - 92
Description	Bottom running sliding door system with one runner	Bottom running sliding door system with two runners	Bottom running sliding door system with two runners	Bottom running sliding door system with one or two runners
Number of runners	1	2	2	1, 2
Door action	Horizontal	Horizontal	Horizontal	Horizontal
Door position	Overlay	Inset	Inset / overlay	Inset
Door weight	► 30 kg max.	► 30 kg max.	► 15 kg max. with plastic profile ► 30 kg max. with aluminium profile	► 25 kg max.
Door material	Wood Aluminium Glass	Wood Aluminium Glass	Wood	Glass
Door width mm	300 - 1800	300 - 1800		250 - 2500
Door height mm	up to 2000	up to 2000	700 - 1500	up to 2800
Silent System	Soft closing, soft opening, soft colliding	Soft closing, soft opening, soft colliding	Soft closing, soft opening	N/A





SlideLine M is a smooth sliding door system with enormous versatility. In its overlay format it is incredibly popular for overhead cabinetry, entertainment units and custom furniture and benchtop storage. SlideLine M has a high range of weight-bearing and sizes so is

suitable for most applications. As with other products in the premium range, SlideLine M can be paired with Silent system for soft-closing, opening and anti-collision. We have not forgotten efficiency, however, and SlideLine M is easy and fast to install.

	<p><b>Performance summary</b></p> <ul style="list-style-type: none"> <li>▶ Technical details in brief</li> <li>▶ Door sizes</li> <li>▶ Silent System</li> <li>▶ Operating principle</li> </ul>	<p>40 – 41</p>
	<p><b>Planning dimensions</b></p>	<p>42 – 45</p>
	<p><b>System components</b></p>	<p>46 – 49</p>
	<p><b>Installation</b></p>	<p>50 – 53</p>

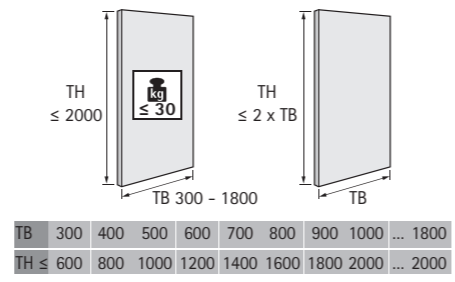
# Sliding door system / bottom running

- ▶ SlideLine M / overlay door position
- ▶ Performance summary

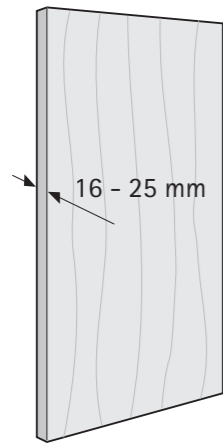
## Technical details in brief

- ▶ 1-track, bottom running sliding door system
- ▶ Overlay door position
- ▶ Wooden, glass or aluminium framed doors
- ▶ Door weight up to 30 kg
- ▶ Door height up to 2000 mm
- ▶ Door width from 300 - 1800 mm
- ▶ Shelf thicknesses 15, 16, 18, 19, 22, 25 mm
- ▶ +/- 2 mm height adjustment
- ▶ Silent System in closing, opening and colliding direction
- ▶ Tool-less fast installation of the front panel
- ▶ Tested to EN 15706, Level 1 or 3

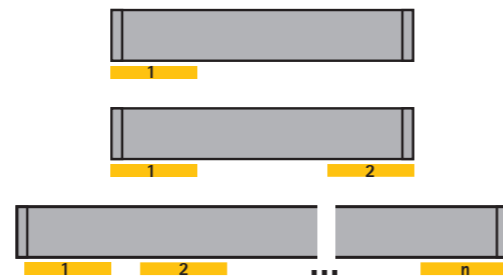
## Door format and door weight



## Door material



## Number of door wings and door position



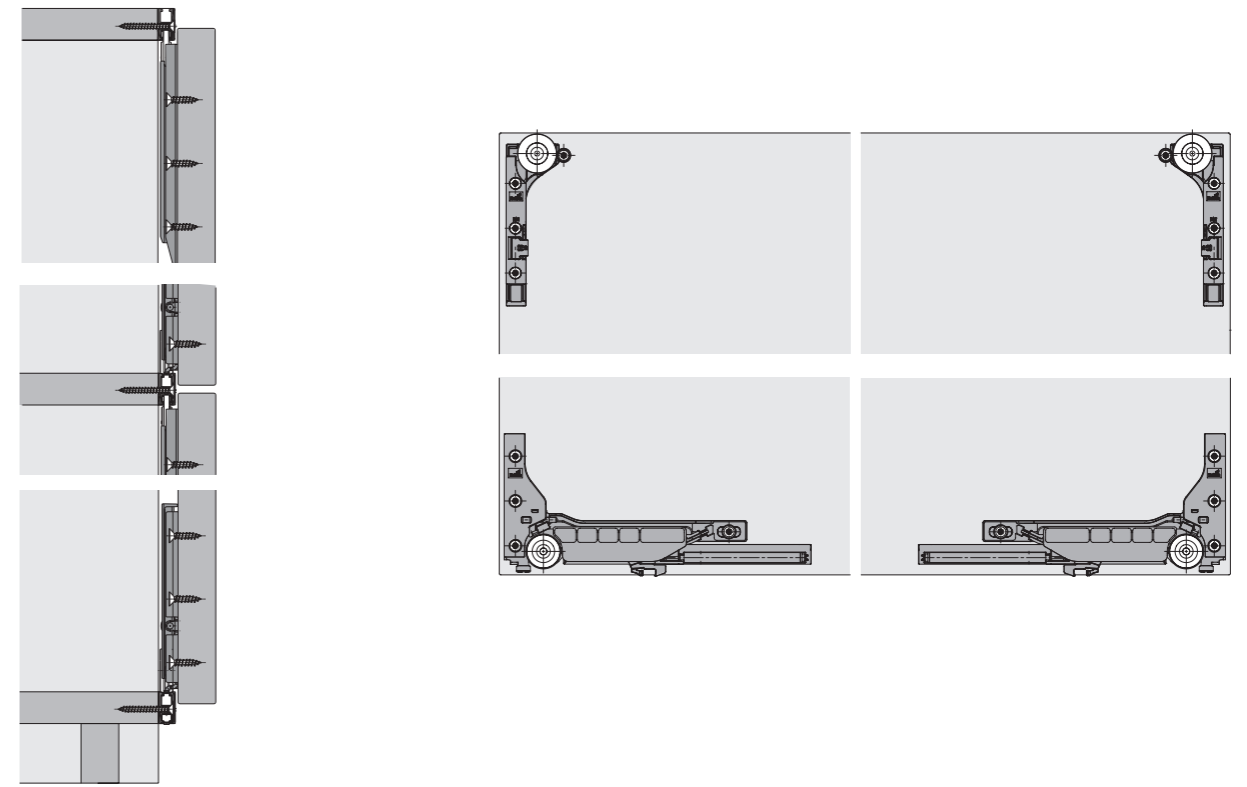
## Silent System

	1-door	with several doors
Soft closing		
Soft opening		
Soft colliding		

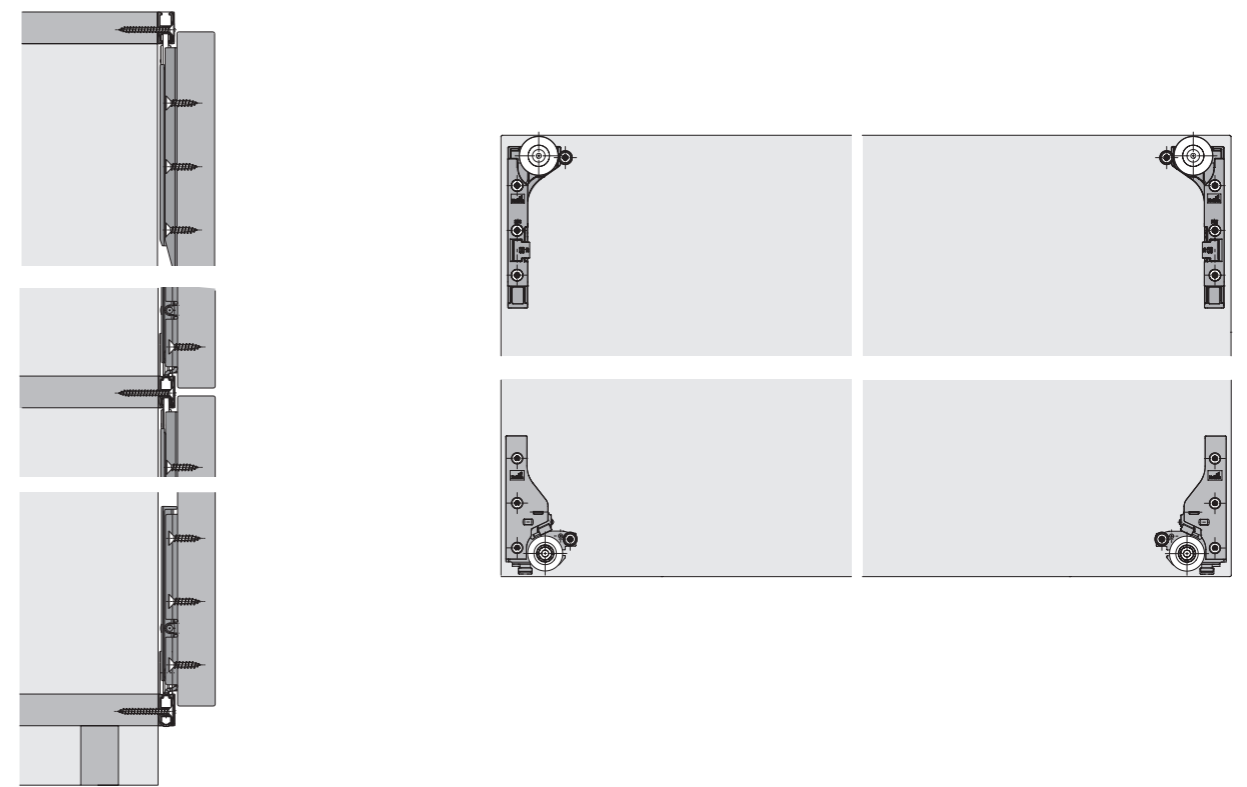
# Sliding door system / bottom running

- ▶ SlideLine M / overlay door position
- ▶ Performance summary

## Operating principle / SlideLine M with Silent System



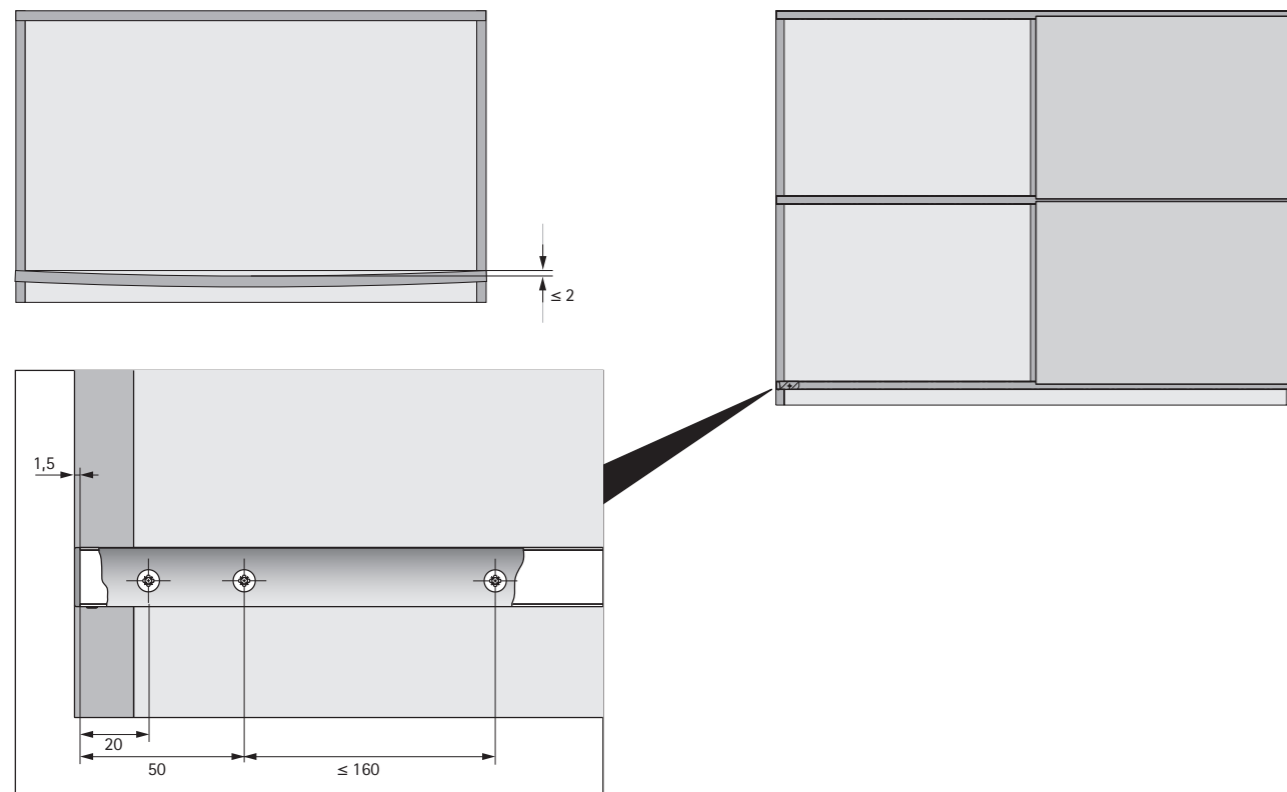
## Operating principle / SlideLine M without Silent System



# Sliding door system / bottom running

- ▶ SlideLine M / overlay door position
- ▶ Planning dimensions

## Intended Use



### Intended use

The SlideLine M furniture fitting is intended for application in furniture and use in dry indoor environments where it is protected from the elements. The version of the fitting with Silent System meets the requirements under DIN EN 15706 Level 3. The version of the fitting without Silent System meets the requirements under DIN EN 15706 Level 1.

### Technical specifications

Door weight:	up to 30 kg	
Door size:	min.	max.
Width:	300 mm	1800 mm
Height:	300 mm	2000 mm
Max. height H for width W:	$H \leq 2 B$	
Shelf thicknesses:	15 mm, 16 mm, 18 mm, 19 mm, 22 mm, 25 mm	
Height adjustment capability:	+/- 2.0 mm	

When constructing furniture, it is important to note that the sliding door must be no higher than twice its width. Up to this relative height, SlideLine M meets the above-stated quality and safety requirements under DIN EN 15706. If the specified maximum relative height is exceeded, the furniture construction must undergo a function and safety test as defined in the relevant furniture standard.

Under DIN EN 15706 Level 1, the version of the fitting without Silent System is approved for use if it passes the 2 kg closing test specified there. If a higher load capacity is to be reached, e.g. on the grounds of requirements defined in a relevant furniture standard, this must be ensured by the fabricator in terms of furniture design (e.g. inset installation).

### Safety risk

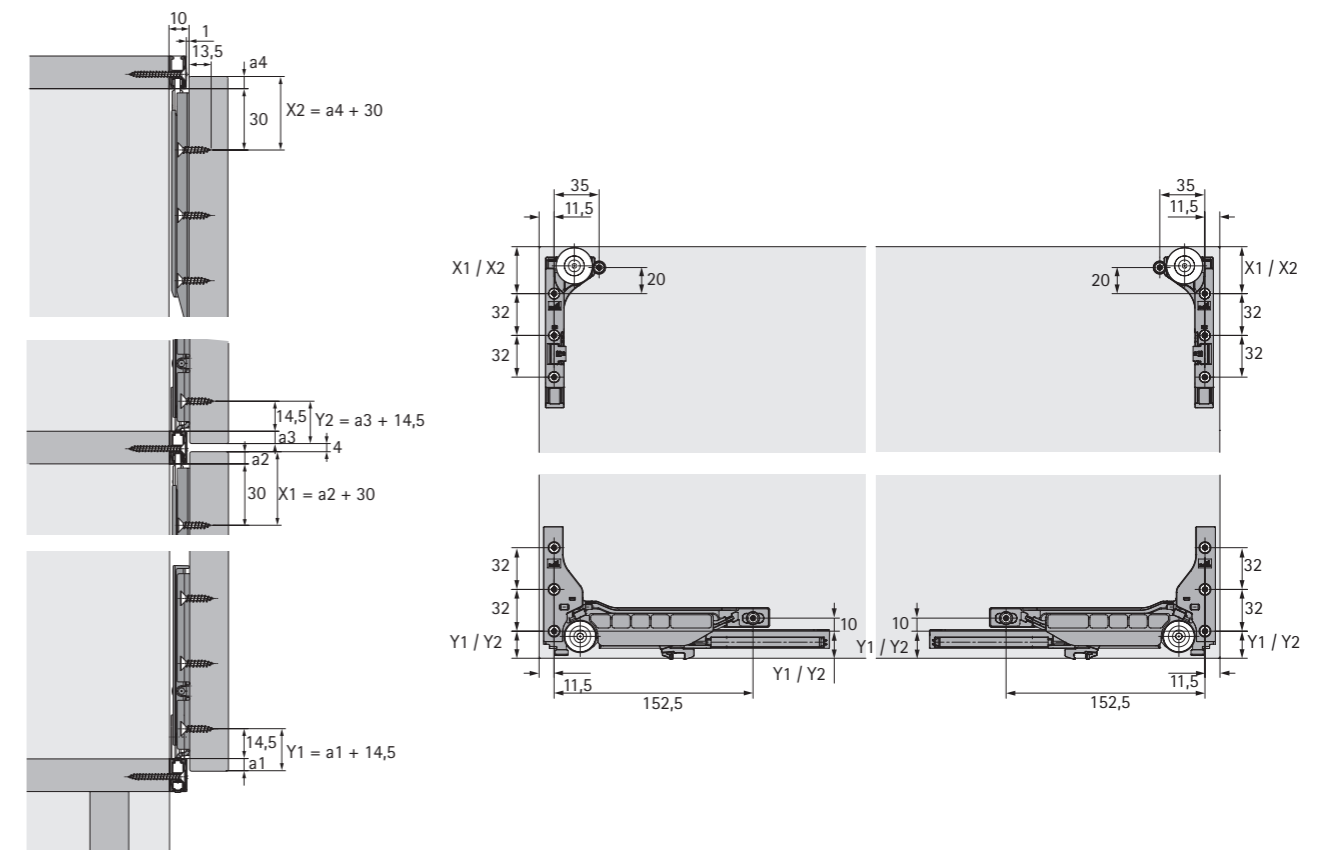
The SlideLine M sliding door fitting is only suitable for applications in which the design of furniture and its dimensional accuracy are capable of ensuring that the top and bottom runners always remain parallel (i.e. also in the case where there is a particularly heavy load on a shelf to which a runner is connected) with a tolerance of no more than +/- 1 mm from the specified distance between both runners. Any failure to meet this requirement, e.g. as a result of sag in the panel to which the bottom runner is mounted, presents a safety risk (door falling out of the runner) that may cause personal injury. The stops must be securely mounted in the profile or safety could be put at risk (from door coming off at side) which may result in personal injury.



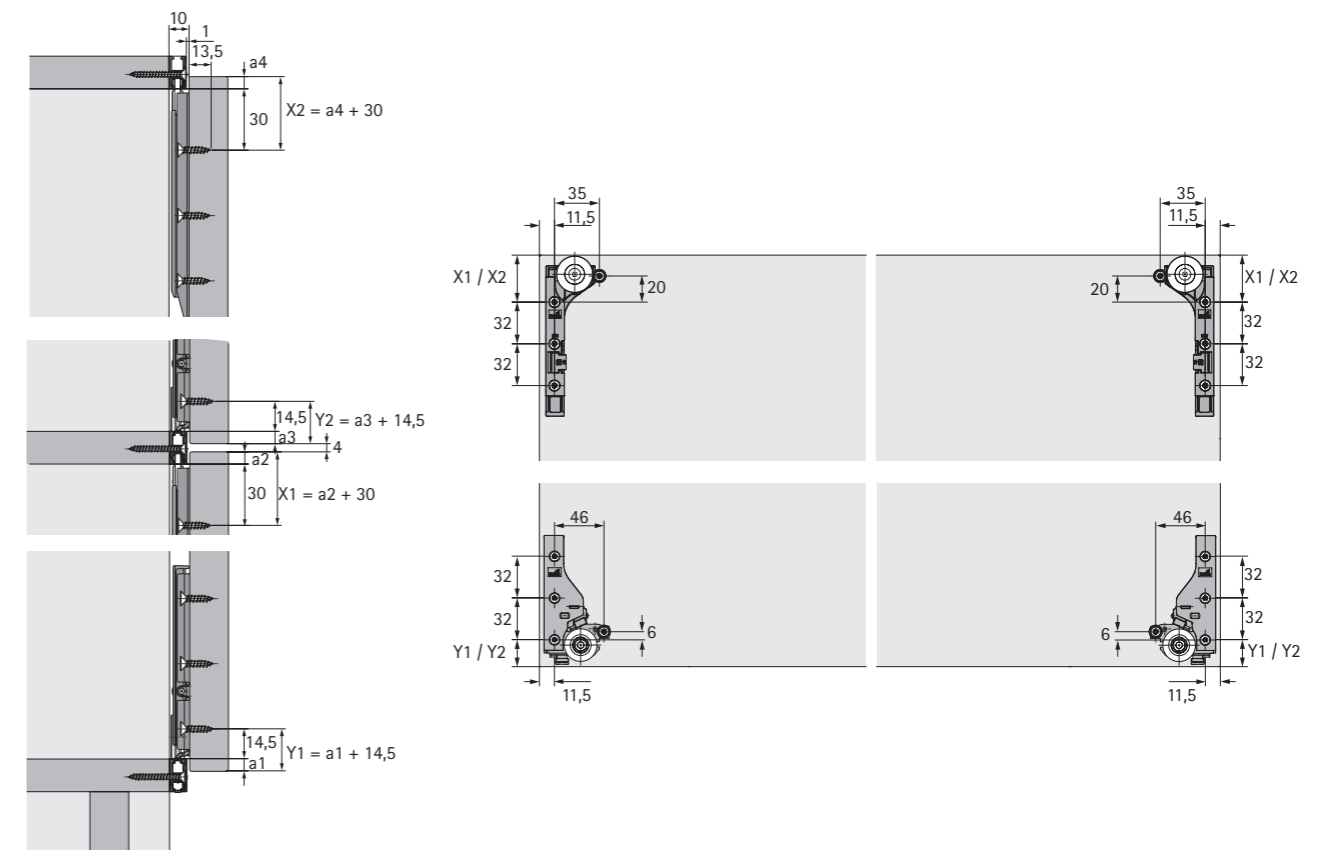
# Sliding door system / bottom running

- ▶ SlideLine M / overlay door position
- ▶ Planning dimensions

## Installation dimensions wooden door with Silent System / 55 mm aluminium framed door



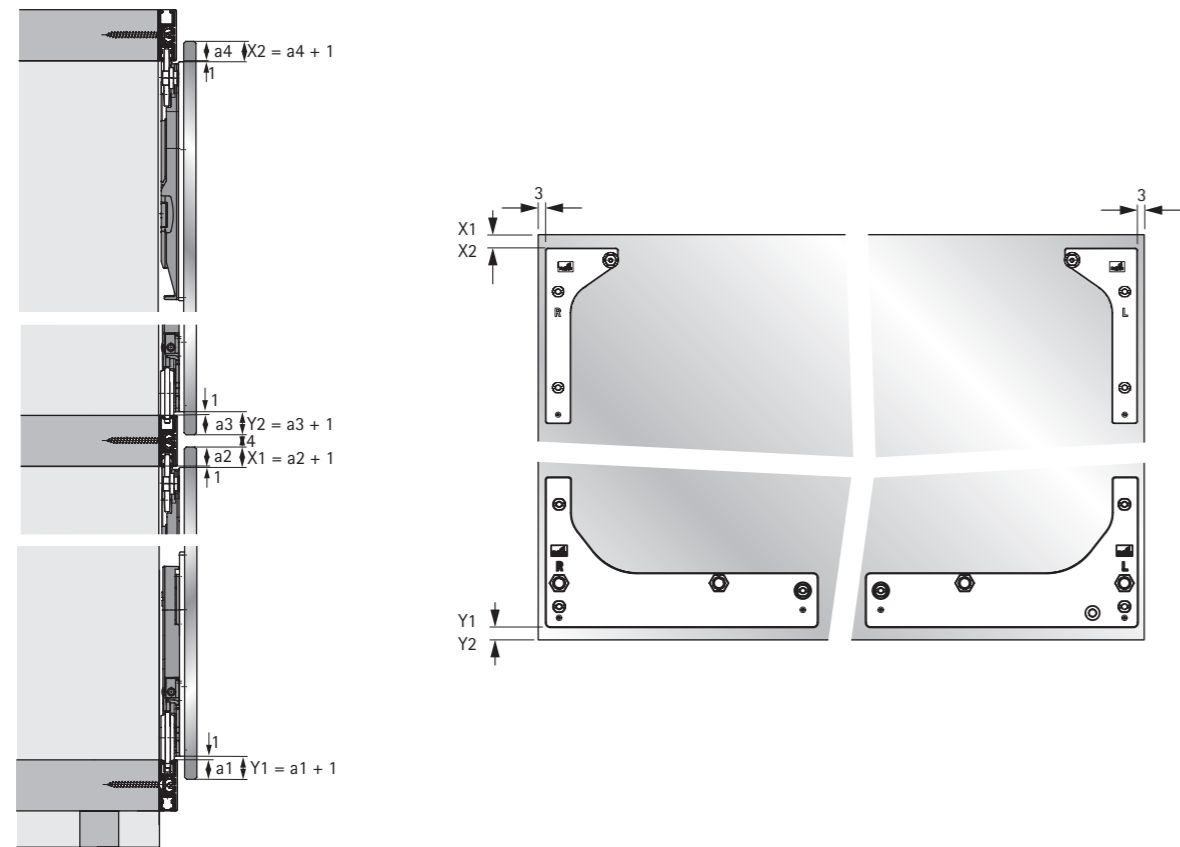
## Installation dimensions for wooden door / 55 mm aluminium frame door without Silent System



## Sliding door system / bottom running

- ▶ SlideLine M / overlay door position
- ▶ Planning dimensions

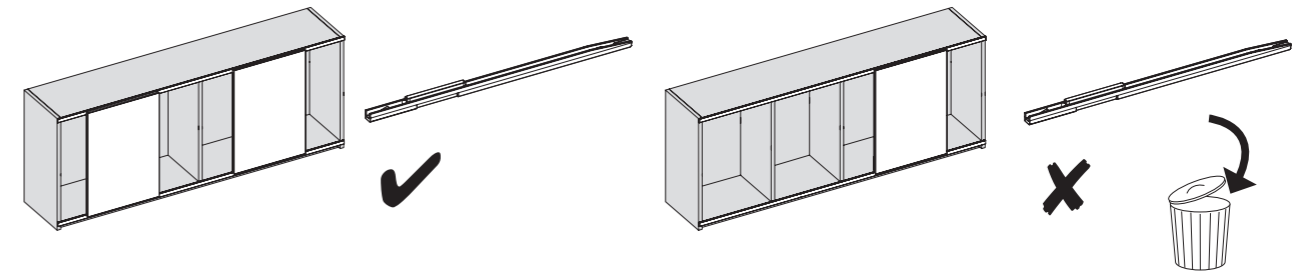
### Installation dimensions for glue mounted glass door with Silent System



## Sliding door system / bottom running

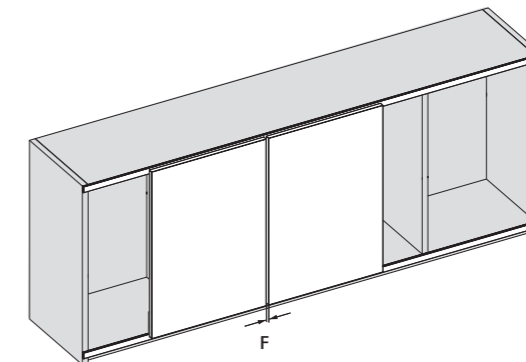
- ▶ SlideLine M / overlay door position
- ▶ Planning dimensions

### Soft colliding for two or more doors

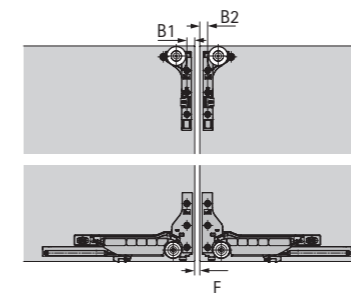


If two or more sliding doors run in one plane, they can be slowed down by soft colliding as they move towards each other.

### Installation dimensions for soft colliding



The centre reveal  $F$  between two wooden doors can be influenced by the position of drill holes B1 and B2 for the running and guide components. Use of the standard drilling pattern produces a centre reveal of  $F = 10$  mm.



Centre reveal F mm	Drilling position B1 mm	Drilling position B2 mm
10	11,5	11,5
8	12,5	12,5
6	13,5	13,5
4	14,5	14,5
2	15,5	15,5

Depending on door width, door height and closing speed, door tops may collide if the centre reveal is  $< 10$  mm. For this reason, Hettich recommends a centre reveal  $F$  of 10 mm for aluminium framed doors and glass doors.

## Sliding door system / bottom running

- ▶ SlideLine M / overlay door position
- ▶ System components

### Set of fittings for doors with Silent System (soft closing, soft opening and soft colliding)



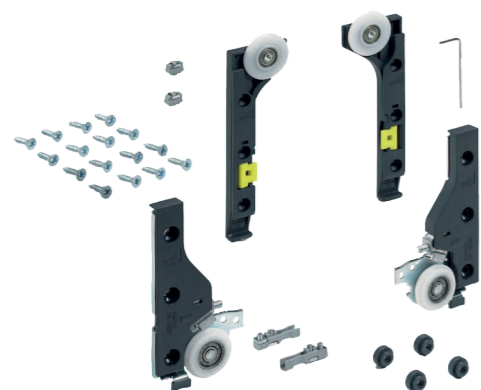
- ▶ Set contains all the components required for 1 sliding door framed in wooden or 55 mm aluminium profiles with Silent System
- ▶ The set of fittings can be used without an additional upgrade set
- ▶ Suitable sheet metal screws must be used for installing the running and guide components on the 55 mm aluminium frame

#### Set comprises:

- ▶ 2 running components with Silent System
- ▶ 2 guide components
- ▶ 2 activators
- ▶ 2 end stops, top
- ▶ 2 guide bushes
- ▶ 1 Silent System in colliding direction
- ▶ 1 1.5 mm hexagon socket spanner

Door weight per door (max)	Door type	Minimum door width in mm	Order no.	PU
10	Wooden door, 55 mm aluminium frame door	450	<b>9 201 921</b>	1 set
30	Wooden doors, 55 mm aluminium framed door	450	<b>9 156 338</b>	1 set

### Set of fittings for doors without Silent System



- ▶ Set contains all the components required for 1 sliding door framed in wooden or 55 mm aluminium profiles without Silent System
- ▶ The set of fittings can be used without an additional upgrade set
- ▶ Suitable sheet metal screws must be used for installing the running and guide components on the 55 mm aluminium frame

#### Set comprises:

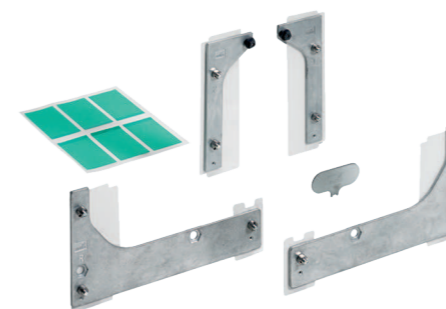
- ▶ 2 running components without Silent System
- ▶ 2 guide components
- ▶ 2 end stops, bottom
- ▶ 2 end stops, top
- ▶ 4 guide bushes
- ▶ 1 1.5 mm hexagon socket spanner
- ▶ Fixing screws for wooden doors

Door type	Minimum door width in mm	Order no.	PU
Wooden doors, 55 mm aluminium framed doors	300	<b>9 156 339</b>	1 set

## Sliding door system / bottom running

- ▶ SlideLine M / overlay door position
- ▶ System components

### Upgrade set for glue mounted glass doors with Silent System



- ▶ Set contains all the upgrade components required for glue mounting 1 glass sliding door without Silent System
- ▶ For use with 2-component adhesive
- ▶ Supplied without adhesive
- ▶ Mounting adapter material: zinc alloy to DIN EN 12844-ZP5

#### Set comprises:

- ▶ 2 adhesive mounting adapters for guide components
- ▶ 2 adhesive mounting adapters for running components with Silent System
- ▶ 6 overrun strips
- ▶ 1 special tool

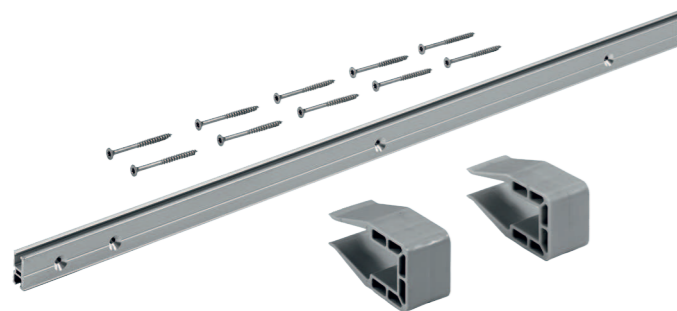
Door type	Minimum door width in mm	Order no.	PU
Glass sliding door	450	<b>9 184 566</b>	1 set



## Sliding door system / bottom running

- ▶ SlideLine M / overlay door position
- ▶ System components

### Profile sets: 1 profile



- ▶ Single profiles set as upgrade for furniture applications with doors running across each other
- ▶ Profiles can be shortened as required
- ▶ If long enough, profiles can be cut into two and used as top and bottom runner profiles
- ▶ Coloured sets contain twice as many end caps

#### Set comprises:

- ▶ 1 aluminium runner profile, silver anodized, predrilled
- ▶ 2 mounting clips
- ▶ Fixing screws

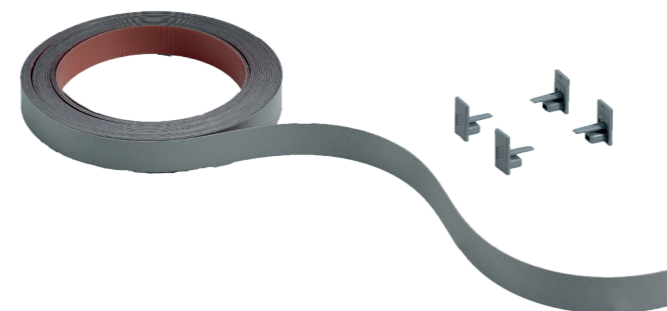
#### Advice:

Profile height mm	Shelf thickness in mm	Length mm	Order no.	PU
16	15,16	4000	9 209 224	1 set
18	18,19	4000	9 209 226	1 set

## Sliding door system / bottom running

- ▶ SlideLine M / overlay door position
- ▶ System components

### Coloured sets for concealing the runner profiles with a cover



- ▶ Set contains all the components required for concealing 1 runner profile with a coloured cover

#### Set comprises:

- ▶ 1 ABS decorative profile for gluing on
- ▶ 2 end caps
- ▶ 2 end caps (replacement)

#### Advice:

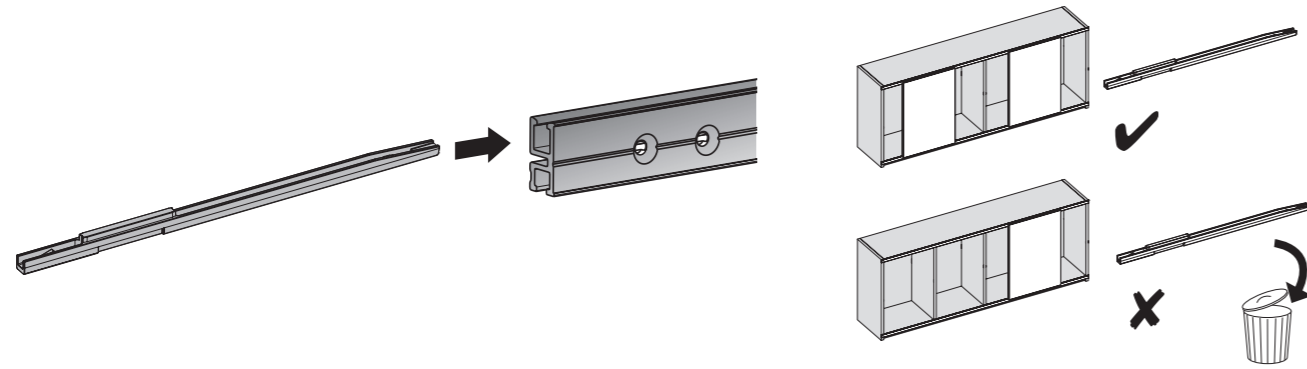
- ▶ For each profile set: 2 profiles, please order 2 coloured sets separately

Profile height mm	Colour	Length mm	Order no.	PU
16	silver	4000	9 209 268	1 set
16	black	4000	9 209 271	1 set
16	white	4000	9 209 273	1 set
18	silver	4000	9 209 278	1 set
18	black	4000	9 209 280	1 set
18	white	4000	9 209 283	1 set

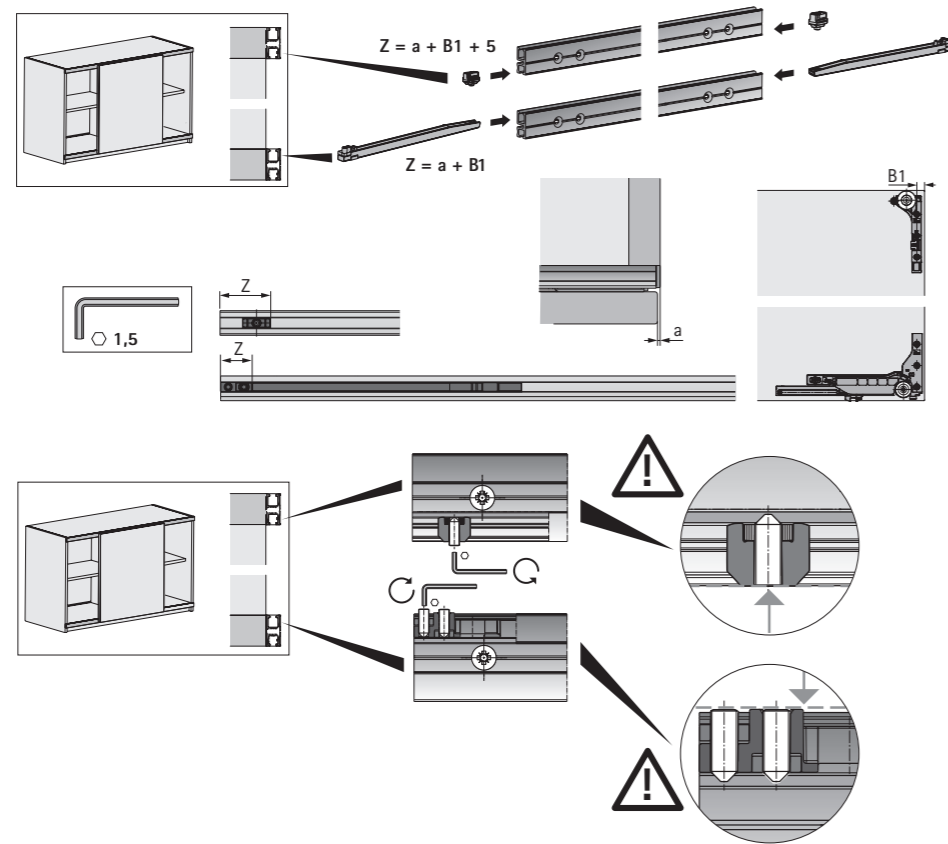
## Sliding door system / bottom running

- ▶ SlideLine M / overlay door position
- ▶ Installation

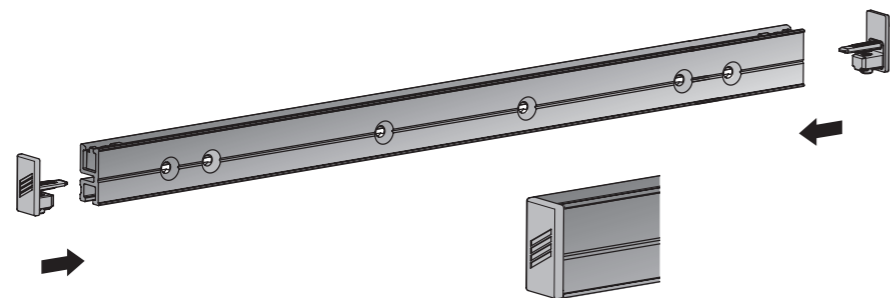
### Installing the soft colliding element for two or more doors



### Installing activators and end stops in the runner profile



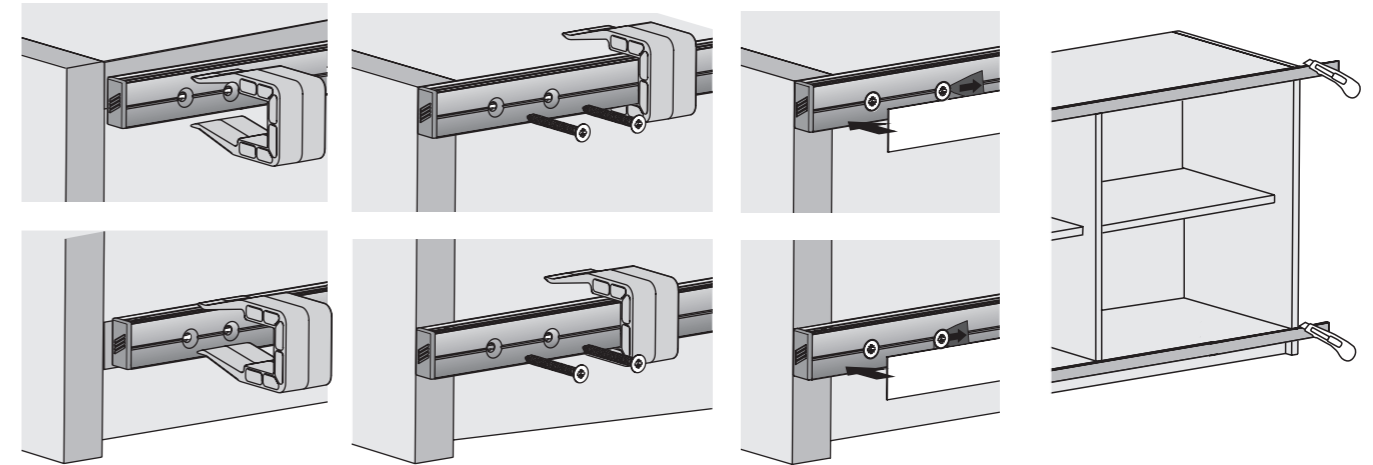
### Installing end caps



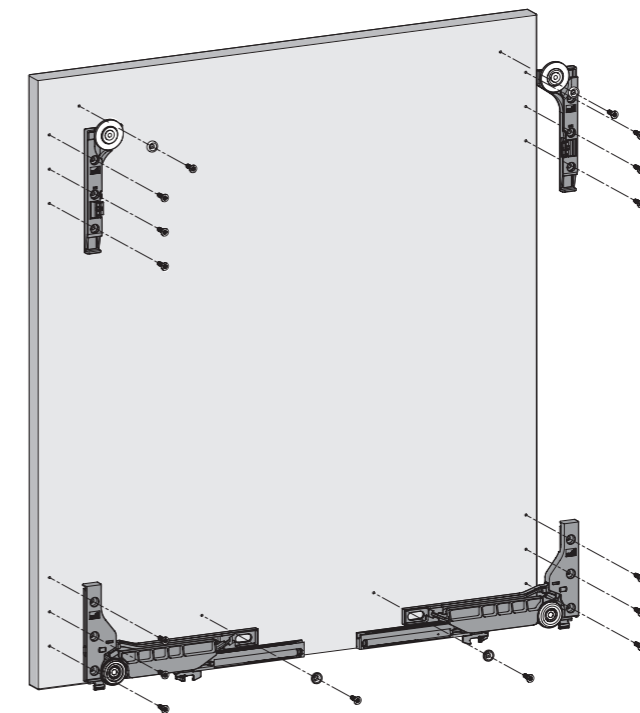
## Sliding door system / bottom running

- ▶ SlideLine M / overlay door position
- ▶ Installation

### Installing the runner profiles and decorative profiles

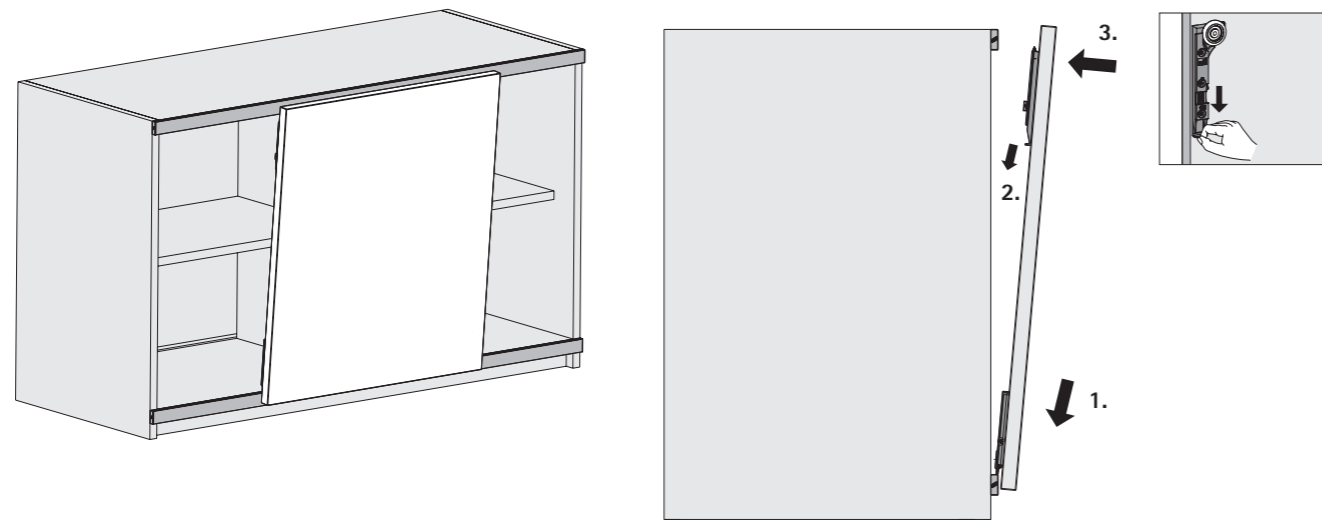


### Installing the fitting and upgrade sets



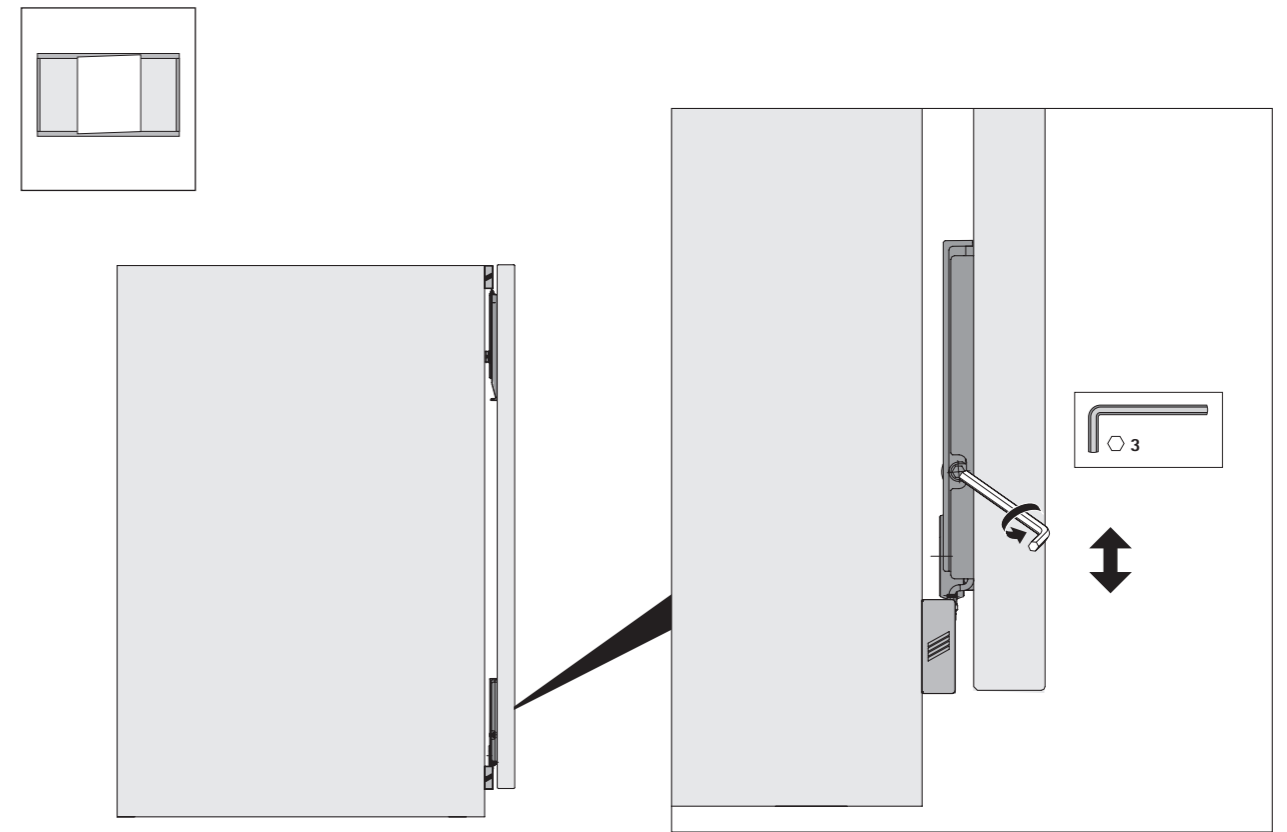
- ▶ SlideLine M / overlay door position
- ▶ Installation

Installing door

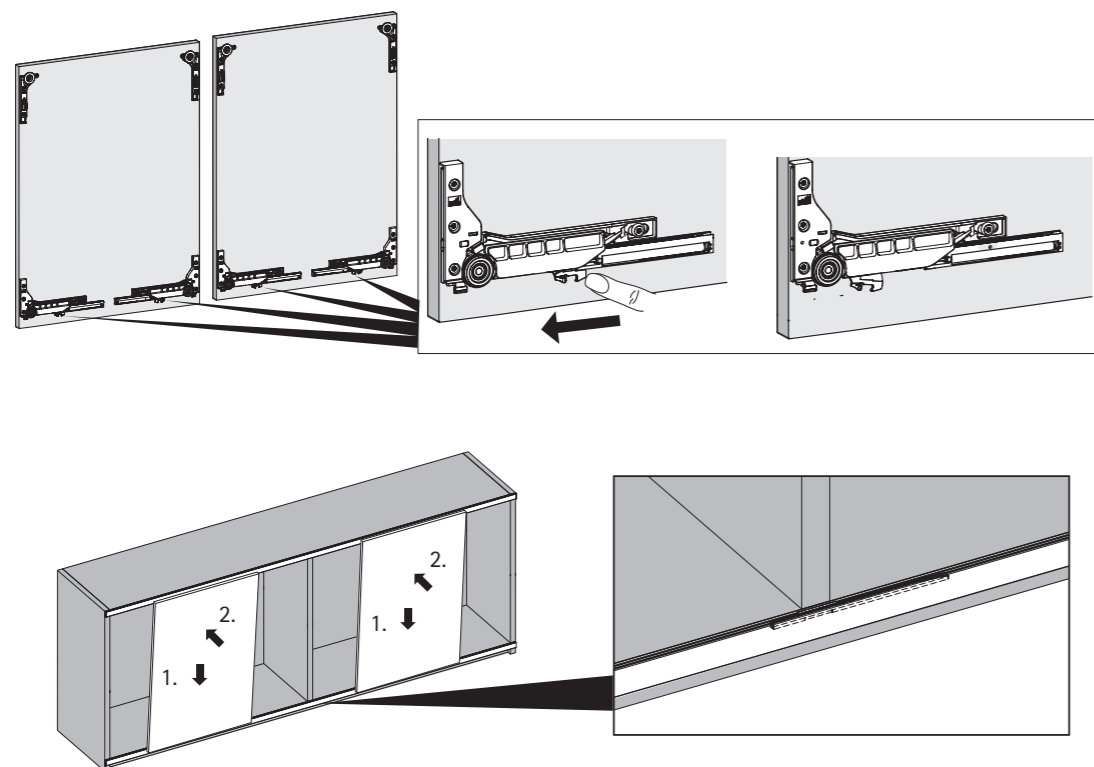


- ▶ SlideLine M / overlay door position
- ▶ Installation

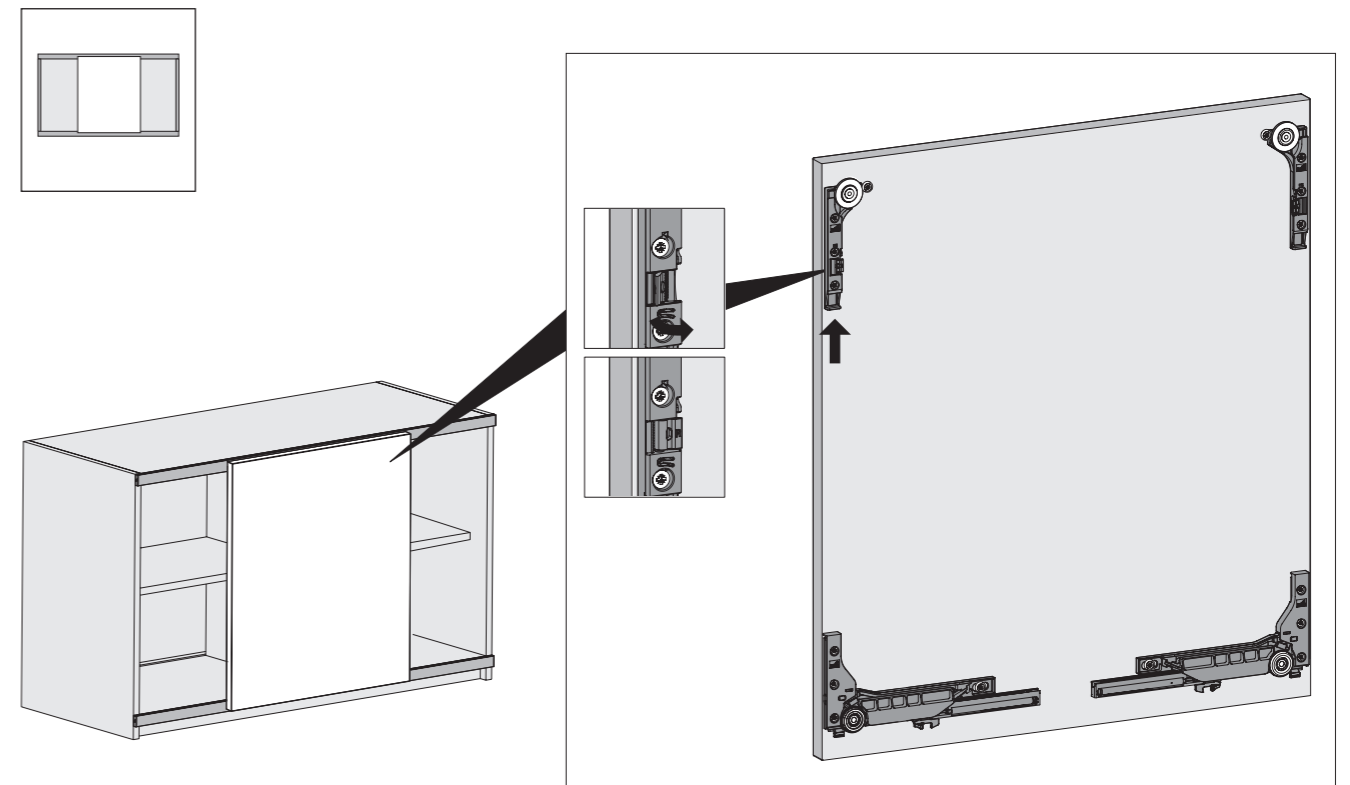
Aligning door



Installing several doors with soft colliding



Securing door





SlideLine M for inset doors is ideal for designing and assembling 2-door or 3-door cabinets. Whether in the kitchen wall unit, as a clever alcove solution, in children's bedroom furniture or in the sideboard,

SlideLine M has tremendous versatility. It is also perfect in the inset position for children's little hands or feet. The runner and guide profiles can either be screwed on, stuck on or groove mounted.

	<p><b>Performance summary</b></p> <ul style="list-style-type: none"> <li>▶ Technical details in brief</li> <li>▶ Door sizes</li> <li>▶ Silent System</li> <li>▶ Operating principle</li> </ul>	<p><b>56 - 57</b></p>
	<p><b>Planning dimensions</b></p>	<p><b>58</b></p>
	<p><b>System components</b></p>	<p><b>59 - 62</b></p>
	<p><b>Installation</b></p>	<p><b>63 - 66</b></p>



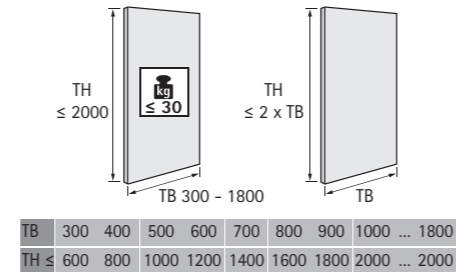
# Sliding door system / bottom running

- ▶ SlideLine M / inset door position
- ▶ Performance summary

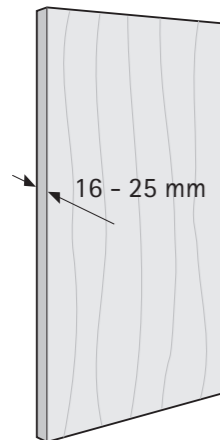
## Technical details in brief

- ▶ 1-track or 2-track bottom-running sliding door system
- ▶ Inset door position
- ▶ Wooden, glass or aluminium framed doors
- ▶ Door weight up to 30 kg
- ▶ Door height up to 2000 mm
- ▶ Door width from 300 - 1800 mm
- ▶ 2-door or 3-door application
- ▶ +/- 2 mm height adjustment
- ▶ Silent System in closing, opening and colliding direction
- ▶ Runner and guide profile for screwing on or pressing in
- ▶ Door quickly mounted without the need for tools
- ▶ Tested to EN 15706, Level 3

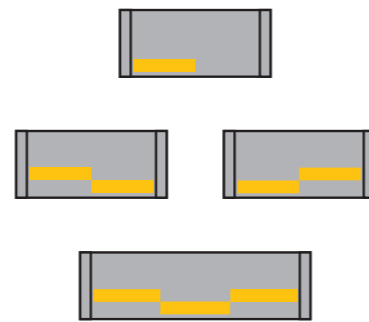
## Door format and door weight



## Door material



## Number of door wings and door position



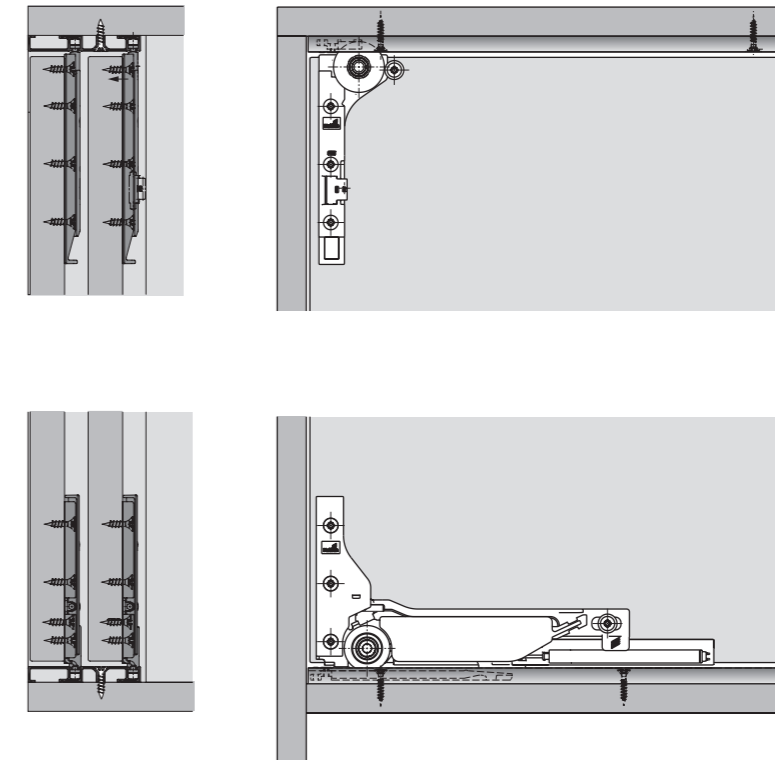
## Silent System

	1-door	2-door	3-door	
Soft closing				
Soft opening				
Soft colliding				

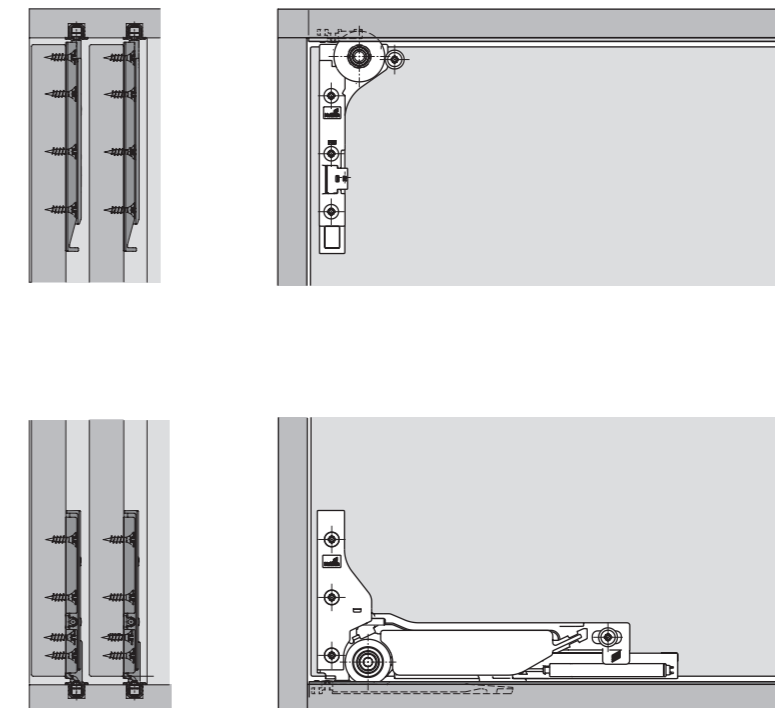
# Sliding door system / bottom running

- ▶ SlideLine M / inset door position
- ▶ Performance summary

## Operating principle / 2-track runner profile for screwing on / gluing on



## Operating principle / 1-track runner profile for pressing in

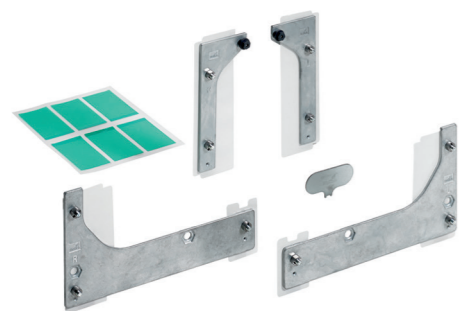




## Sliding door system / bottom running

- ▶ SlideLine M / overlay door position
- ▶ System components

### Upgrade set for glue mounted glass doors with Silent System



- ▶ Set contains all the upgrade components required for glue mounting 1 glass sliding door without Silent System
- ▶ For use with 2-component adhesive
- ▶ Supplied without adhesive
- ▶ Mounting adapter material: zinc alloy to DIN EN 12844-ZP5

#### Set comprises:

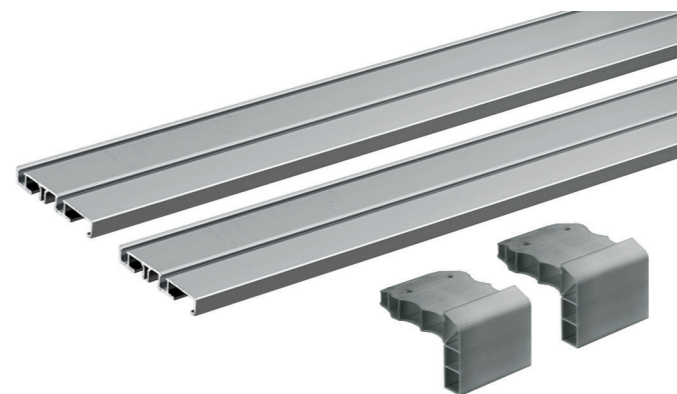
- ▶ 2 adhesive mounting adapters for guide components
- ▶ 2 adhesive mounting adapters for running components with Silent System
- ▶ 6 overrun strips
- ▶ 1 special tool

Door type	Minimum door width in mm	Order no.	PU
Glass sliding door	450	9 184 566	1 set

## Sliding door system / bottom running

- ▶ SlideLine M / inset door position
- ▶ System components

### Profile set: 2-track runner profile for screwing on / gluing on



- ▶ Set contains all the profile components required for a 2-door or a 3-door cabinet
- ▶ Attachment in the screw slot or attachment using suitable adhesive tape

#### Set comprises:

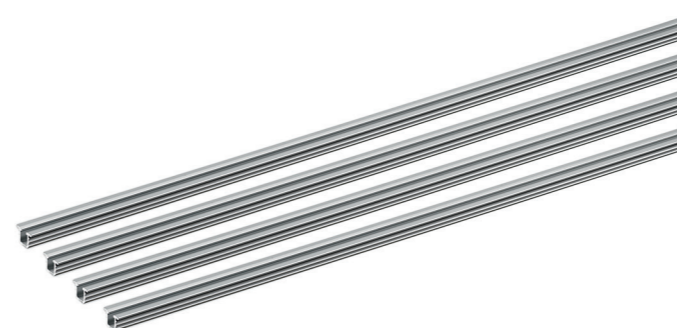
- ▶ 2 runner profiles, aluminium, silver anodized
- ▶ 2 mounting adapters

#### Advice:

- ▶ Please order fitting sets separately (see page 60)

Length mm	Order no.	PU
2500	9 227 245	1 set

### Profile set: 1-track runner profile for pressing in



- ▶ Set contains all the profile components required for a 2-door or a 3-door cabinet
- ▶ Runner profiles for pressing in

#### Set comprises:

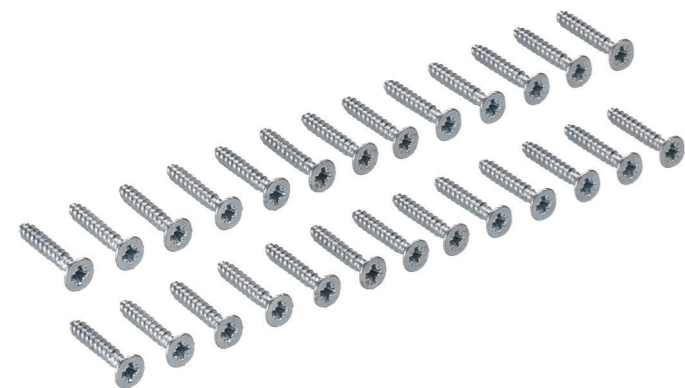
- ▶ 4 runner profiles, aluminium, silver anodized

Length mm	Order no.	PU
2500	9 227 246	1 set

## Sliding door system / bottom running

- ▶ SlideLine M / inset door position
- ▶ System components

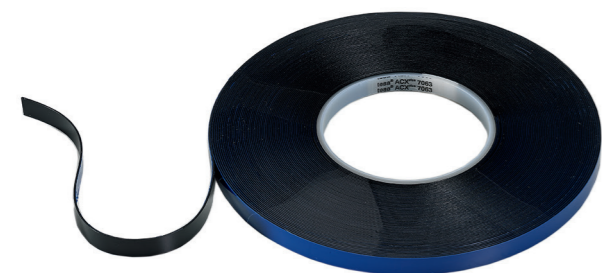
### Fixing screws



- ▶ For 2-track runner profile for invisible attachment in screw slot
- ▶ Fixing screws for max. shelf thicknesses of 16, 18/19 and 25 mm
- ▶ Galvanised steel
- ▶ One set of screws must be used for each profile set

Shelf thickness mm	Order no.	PU
16	9 229 240	1 set
18 - 19	9 229 241	1 set
25	9 229 243	1 set

### adhesive tape



- ▶ Double sided adhesive tape for gluing on 2-track runner profile
- ▶ 5 metres of adhesive tape must be used per runner profile in a length of 2,500 mm
- ▶ Using adhesive tape requires a suitable, cleaned surface

Length m	Order no.	PU
25	9 227 006	4 ea.

### Screw on door stop / spacer



- ▶ 1 door application / spacer required for 2-door cabinet with a door height <1,000 mm
- ▶ 2 door stops / spacers are required for a 2-door cabinet in

Order no.	PU
9 115 216	1/100 ea.

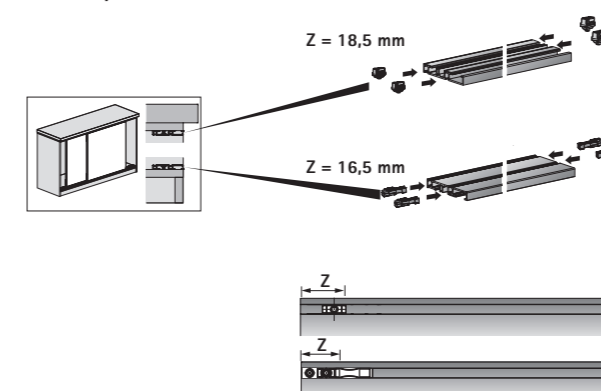


## Sliding door system / bottom running

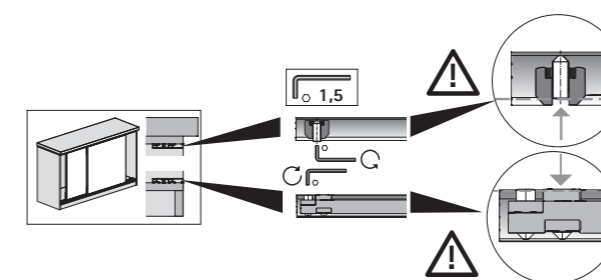
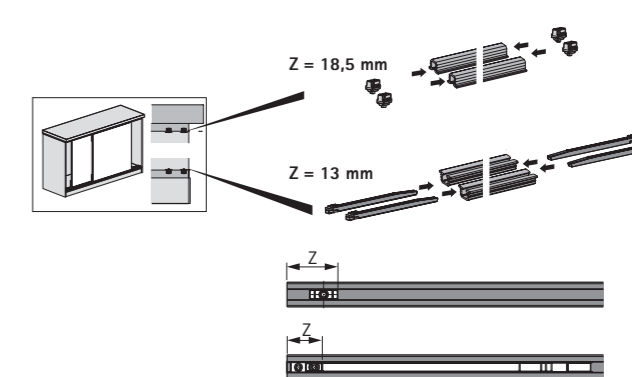
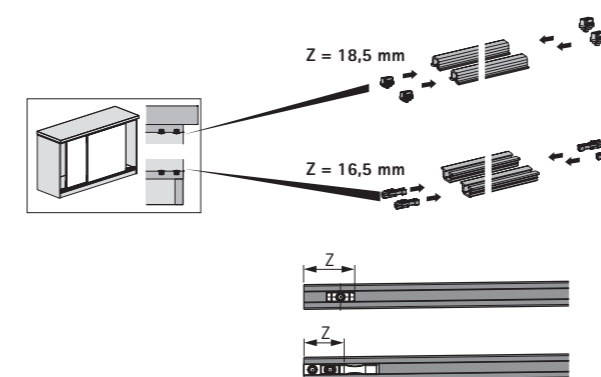
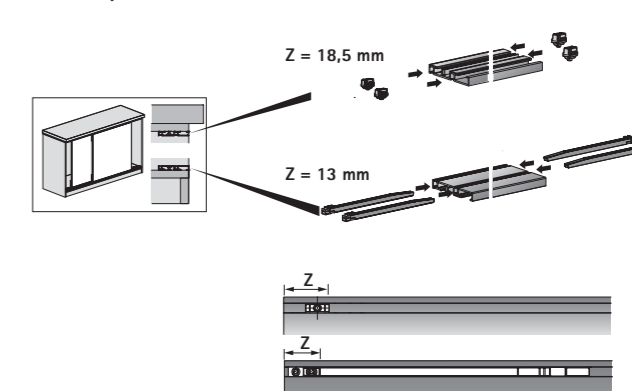
- ▶ SlideLine M / inset door position
- ▶ Installation

### Installing activators and end stops in the runner profile

Silent System: ☒



Silent System: ☑

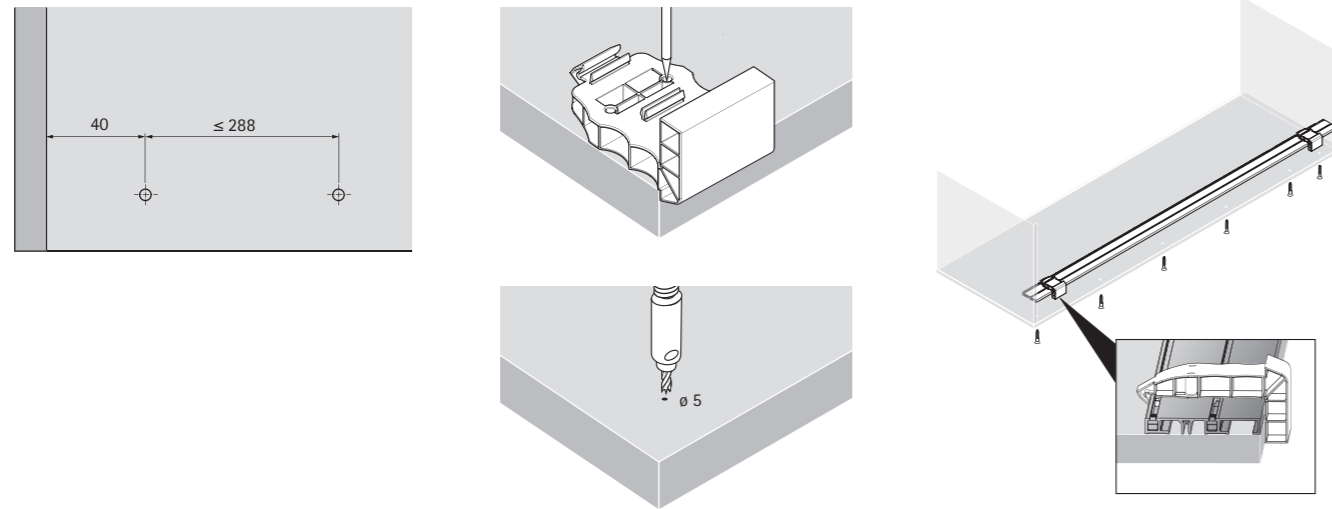




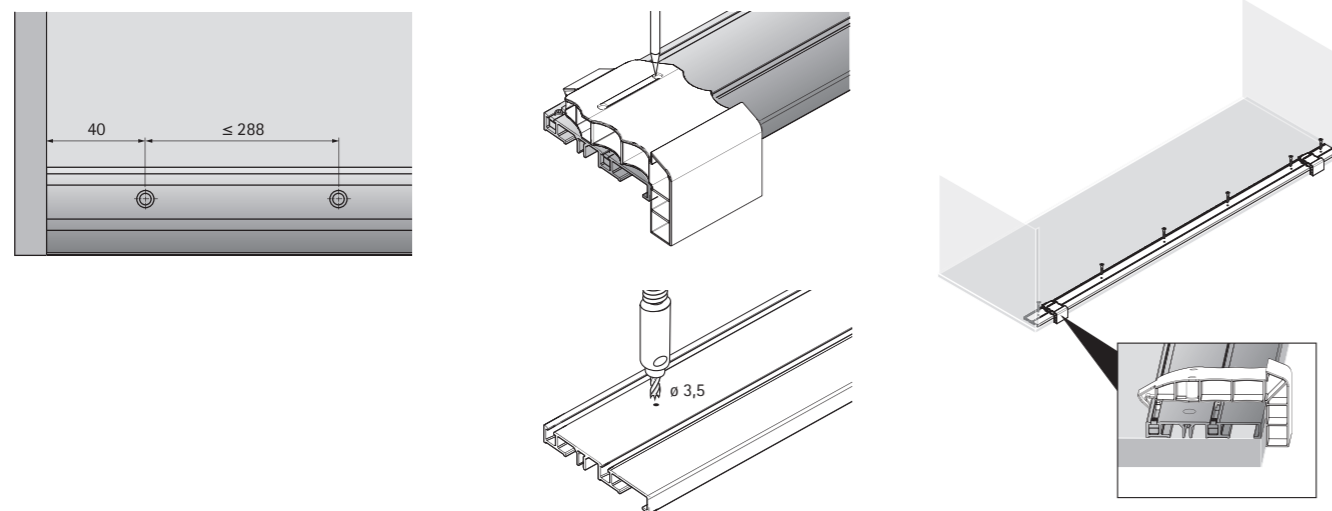
## Sliding door system / bottom running

- ▶ SlideLine M / inset door position
- ▶ Installation

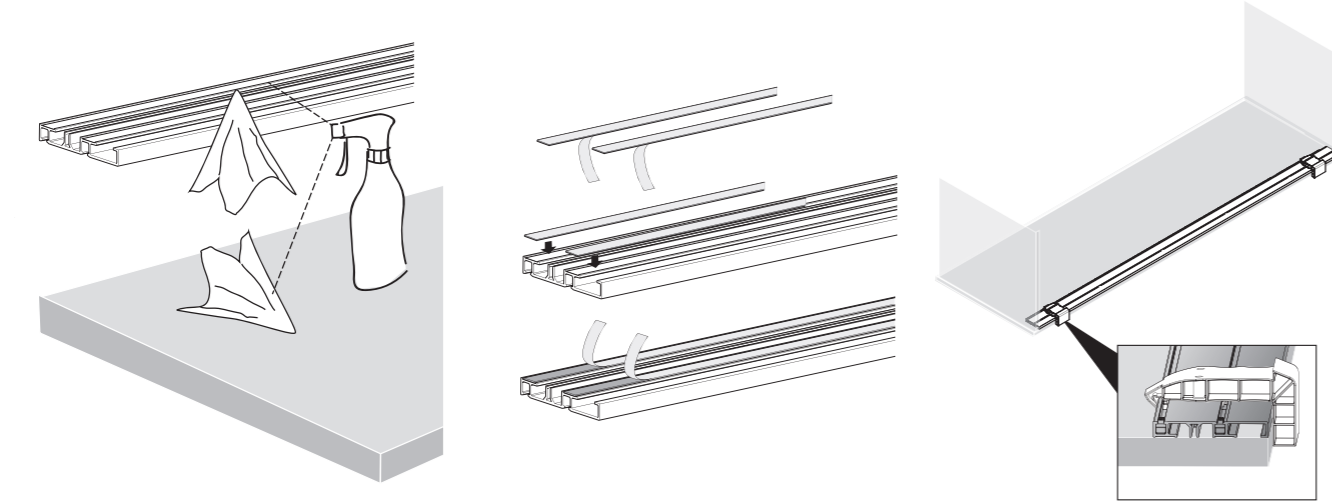
### Installing 2-track runner profile for screwing on in the screw slot



### Installing 2-track runner profile for screwing on



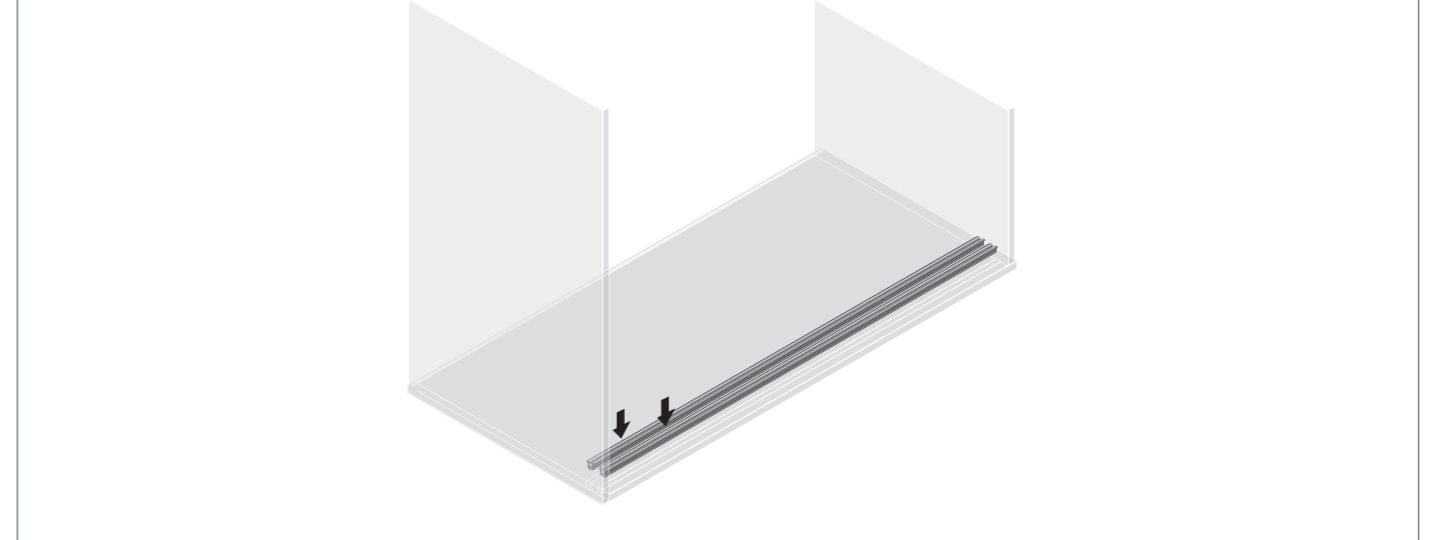
### Installing 2-track runner profile for gluing on



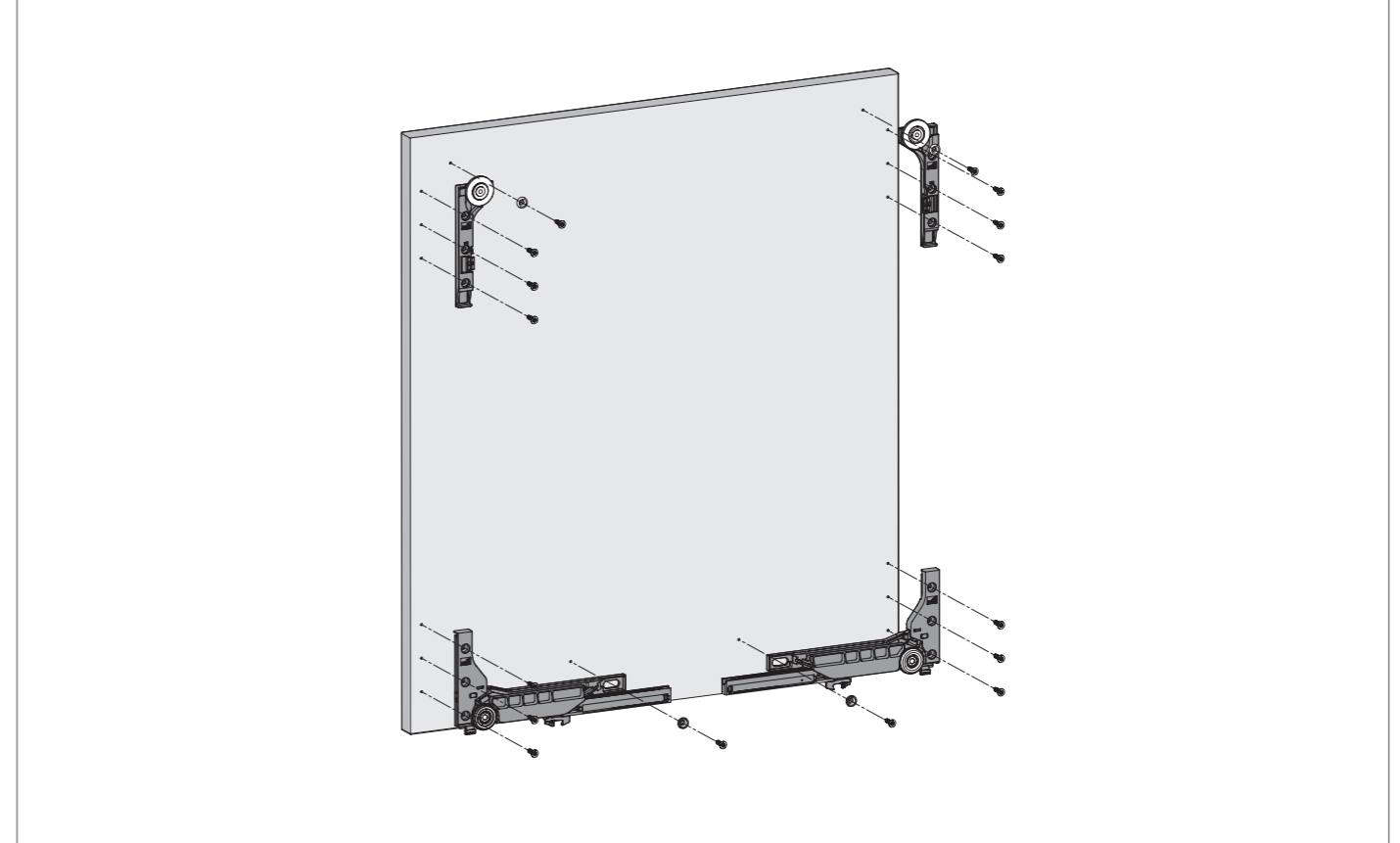
## Sliding door system / bottom running

- ▶ SlideLine M / inset door position
- ▶ Installation

### Installing 1-track runner profile for pressing in



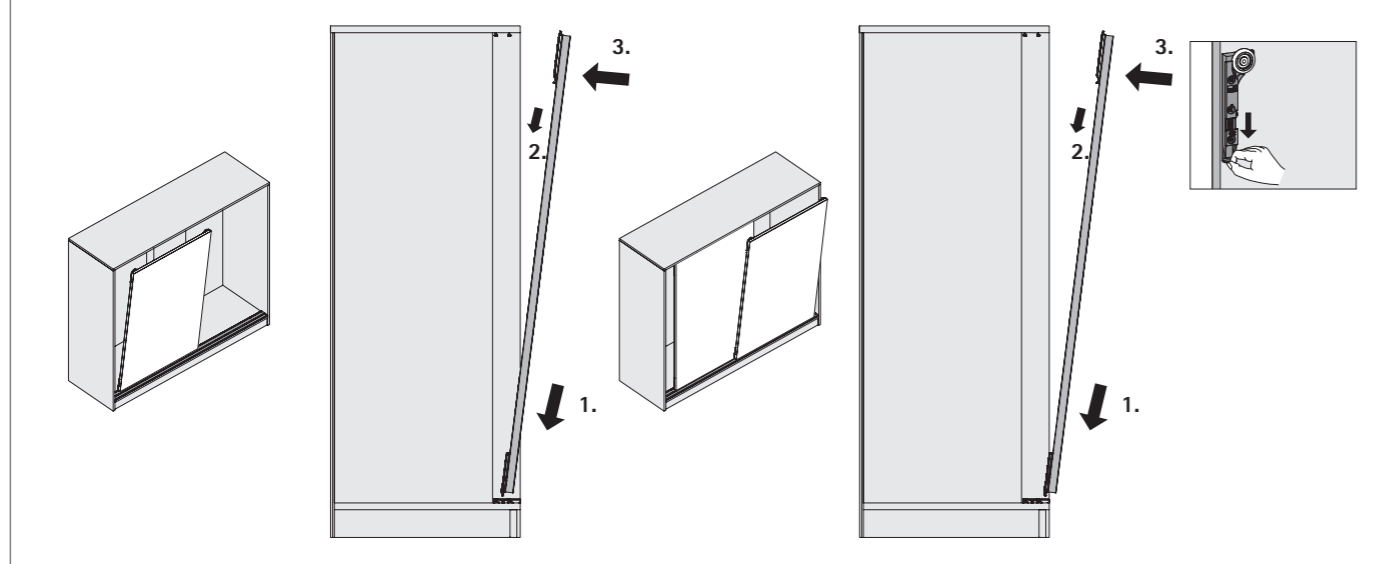
### Installing the fitting and upgrade sets



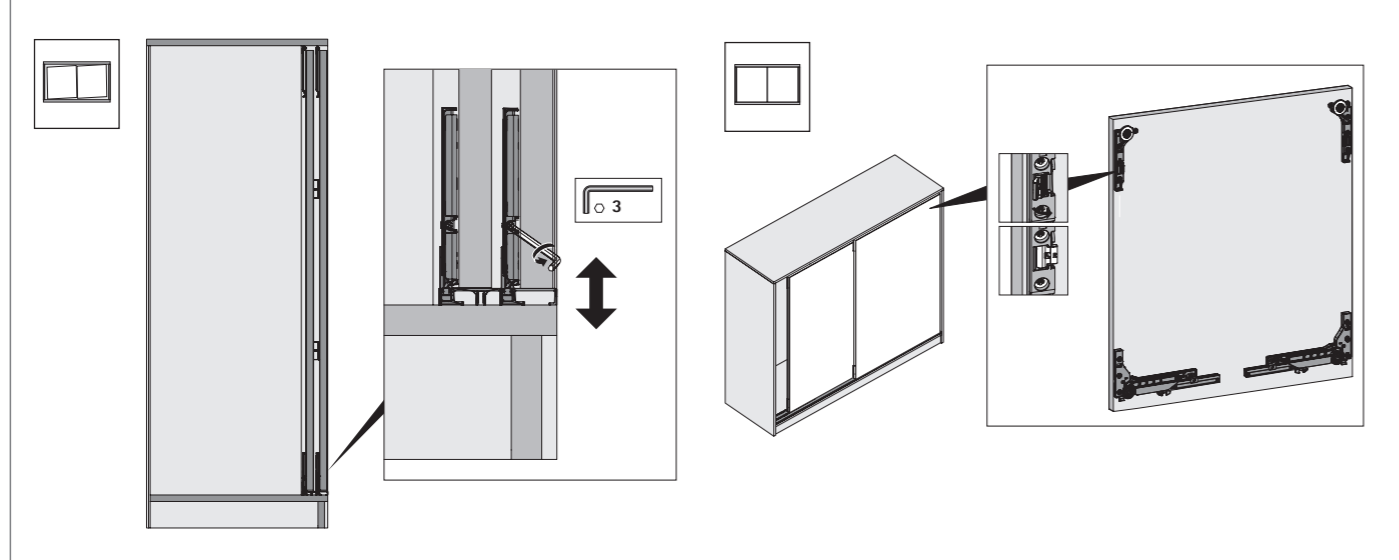
# Sliding door system / bottom running

- ▶ SlideLine M / inset door position
- ▶ Installation

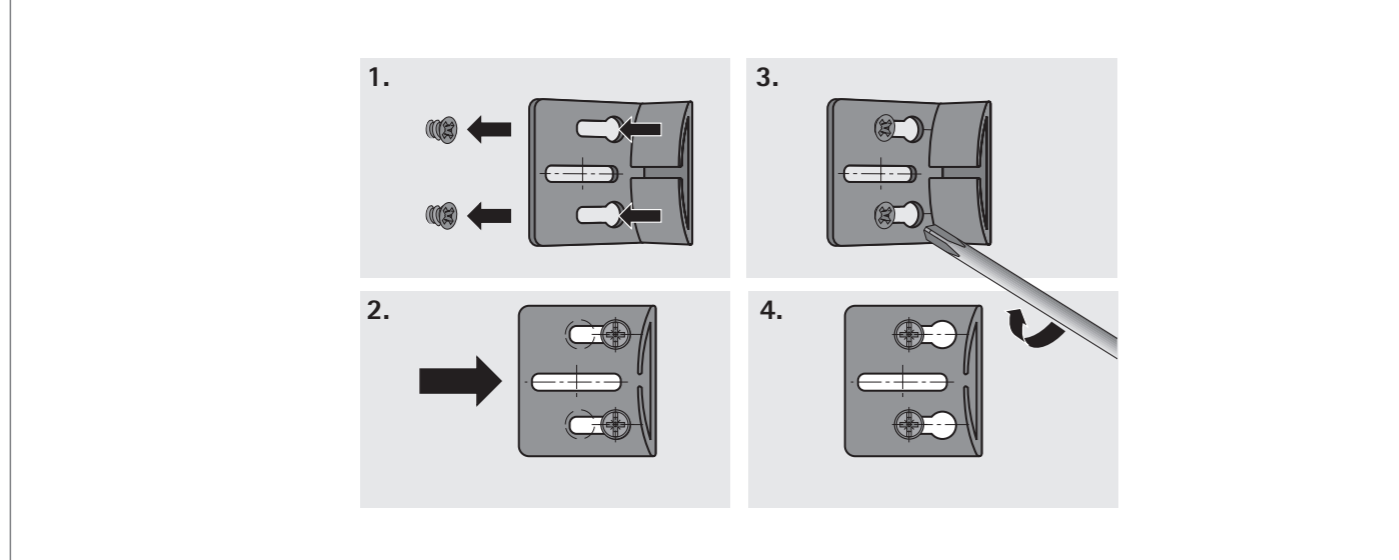
## Installation the doors



## Aligning doors



## Installing spacer



## Sliding door system / bottom running

- ▶ SlideLine 55 Plus / overlay and inset door position



SlideLine 55 Plus combines superb convenience and design with value for money. SlideLine 55 Plus brings smooth and quiet running action to sliding doors – if preferred, with integrated Silent System.

Using sliding doors means optimum use of storage space, and SlideLine 55 Plus can be designed with either inset or overlay door positions. The fitting permits tool-less precision adjustment.

## Sliding door system / bottom running

- ▶ SlideLine 55 Plus / overlay and inset door position
- ▶ Summary



Performance summary  
▶ Technical details in brief  
▶ Door sizes  
▶ Silent System  
▶ Operating principle

70 - 71



Planning dimensions

72 - 73



System components

74 - 76



Installation

77 - 81





## Sliding door system / bottom running

- ▶ SlideLine 55 Plus / overlay and inset door position
- ▶ System components

### Runner component for inset doors, screw on



- ▶ 2 running components must be fitted per door
- ▶ Tool-less height adjustment  $\pm 1.5$  mm

Order no.	PU
9 115 219	1/100 ea.

### Runner component for rebated doors, screw on



- ▶ 2 running components must be fitted per door
- ▶ Tool-less height adjustment  $\pm 1.5$  mm

Order no.	PU
9 115 954	1/100 ea.

### Guide component for inset doors, screw on



- ▶ 2 guide components must be fitted per door
- ▶ With spring-loaded bolt and latch

Order no.	PU
9 115 217	1/100 ea.

### Guide component for rebated doors, screw on



- ▶ 2 guide components must be fitted per door
- ▶ With spring-loaded bolt and latch

Order no.	PU
9 115 955	1/100 ea.

## Sliding door system / bottom running

- ▶ SlideLine 55 Plus / overlay and inset door position
- ▶ System components

### Silent System for screwing onto inset doors



- ▶ Suitable for inset wooden doors
- ▶ Installed position: left or right
- ▶ Minimum door width with soft closing element: 400 mm
- ▶ Minimum door width with soft closing and soft opening: 550 mm
- ▶ Housing: metal, galvanised

Version	Order no.	PU
left	9 119 584	1/30 ea.
right	9 119 585	1/30 ea.

### Silent System for screwing onto overlay (rebated) doors



- ▶ Suitable for overlay (rebated) wooden doors
- ▶ Installed position: left or right
- ▶ Minimum door width with soft closing element: 400 mm
- ▶ Minimum door width with soft closing and soft opening: 550 mm

Version	Order no.	PU
left	9 119 587	1/30 ea.
right	9 119 586	1/30 ea.

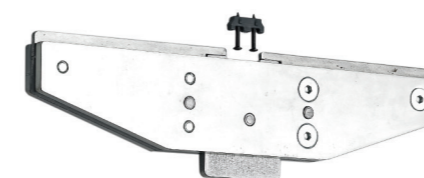
### Activator for Silent System



- ▶ Can be used for left and right-hand door
- ▶ 1 activator must be fitted per soft-close mechanism
- ▶ Attached by means of premounted nails

Order no.	PU
9 118 477	1/300 ea.

### Positioning aid



- ▶ For installing the activator in the top runner profile

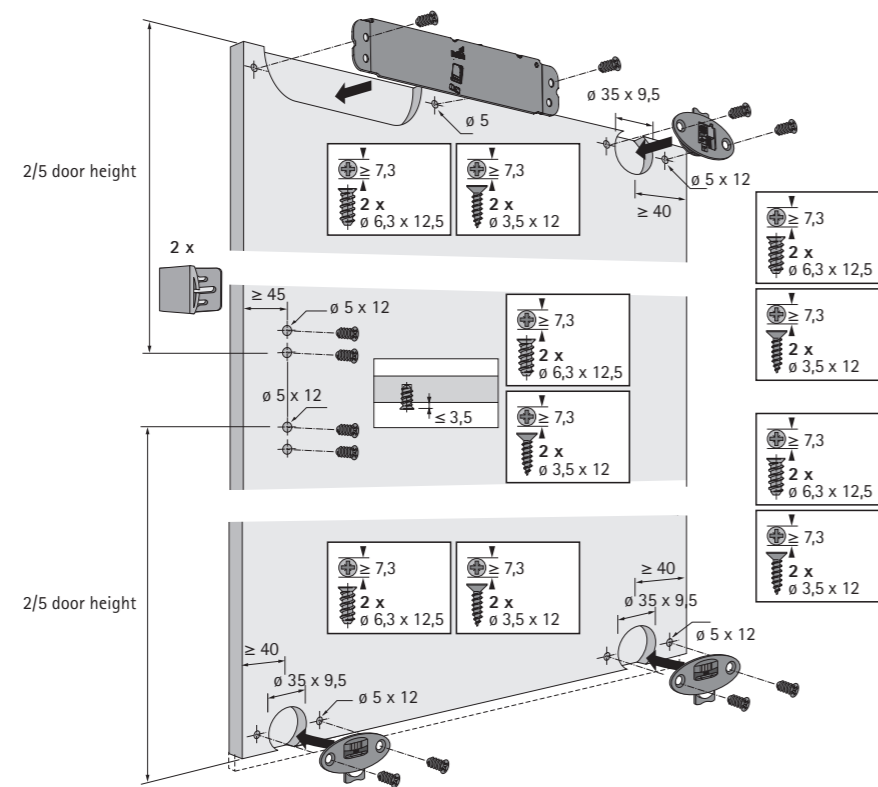
Order no.	PU
9 136 109	1 ea.



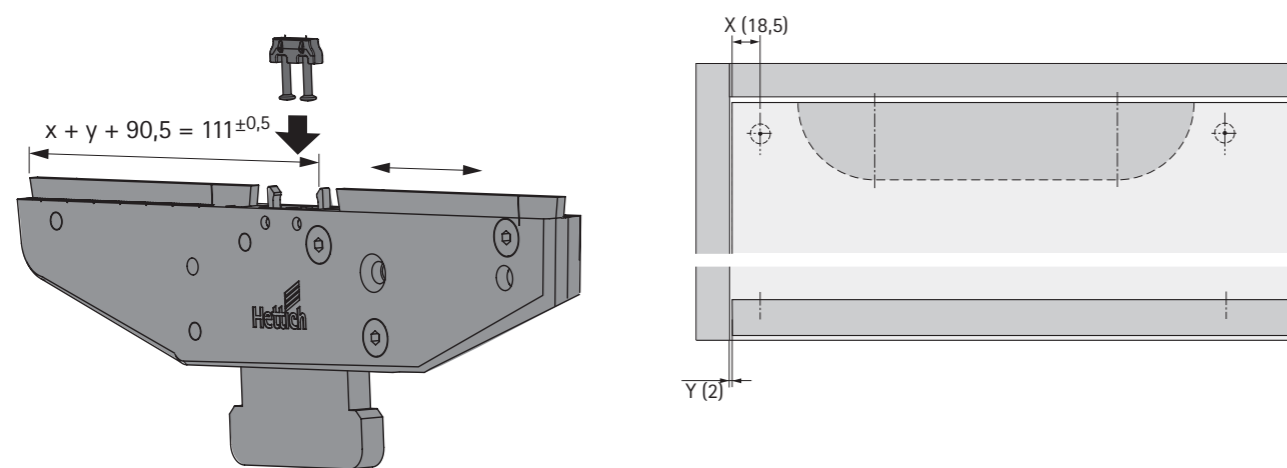
## Sliding door system / bottom running

- ▶ SlideLine 55 Plus / overlay and inset door position
- ▶ Installation

### Installing running and guide components with Silent System for screwing on



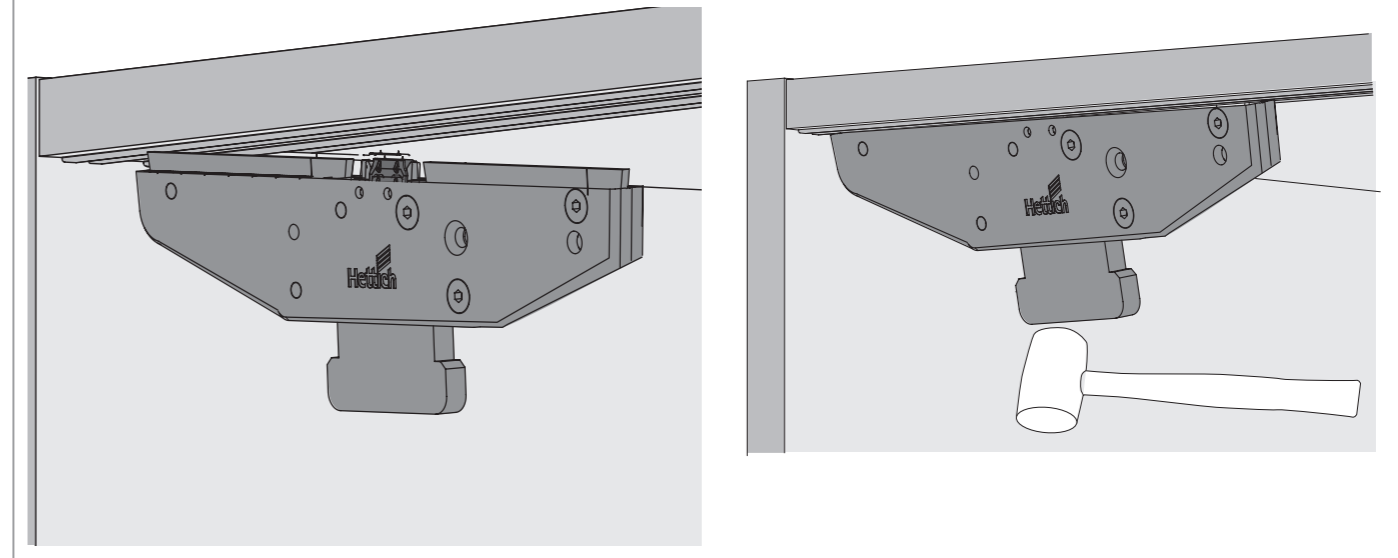
### Positioning the activator for Silent System



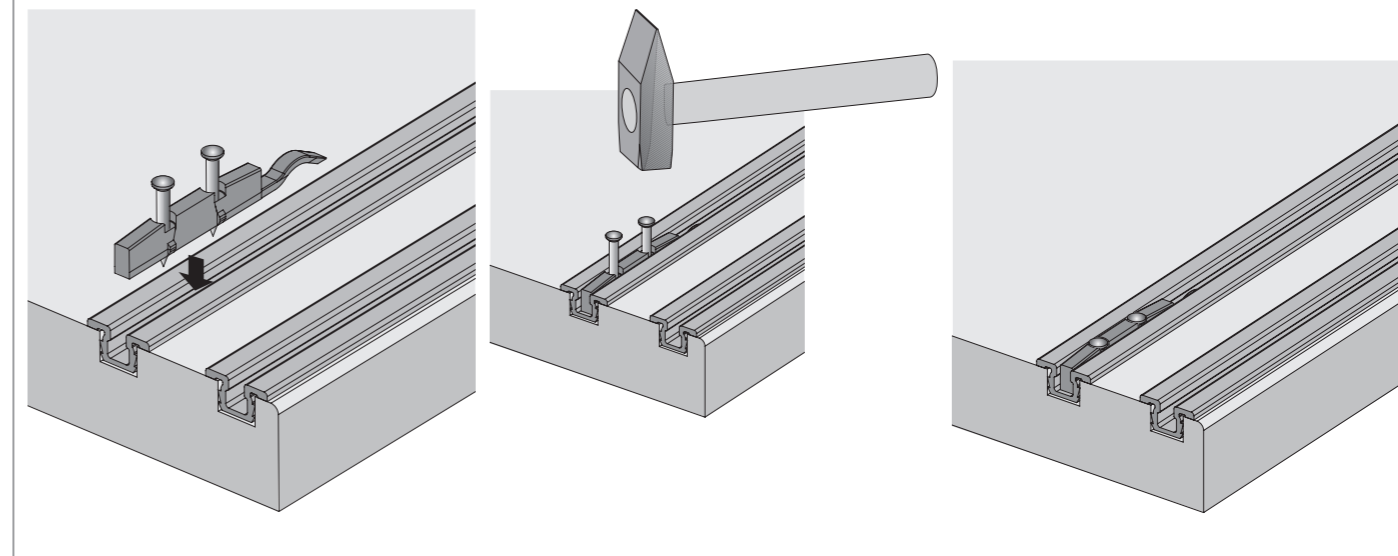
## Sliding door system / bottom running

- ▶ SlideLine 55 Plus / overlay and inset door position
- ▶ Installation

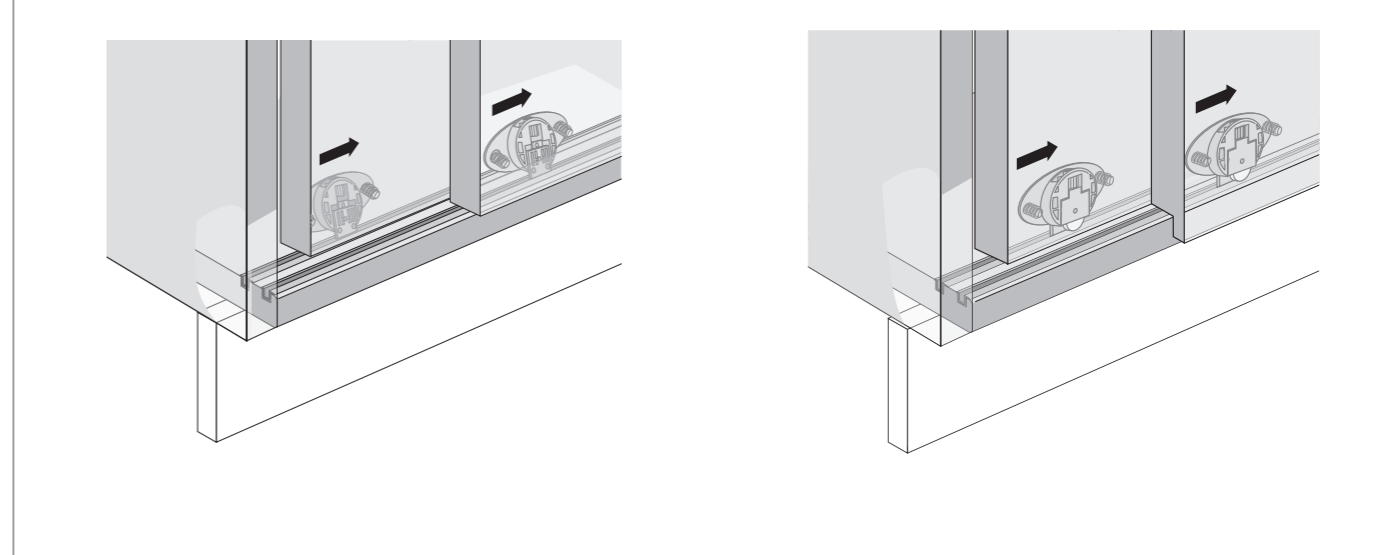
### Fitting the Silent System activator



### Installing end stops



### Inset / overlay doors

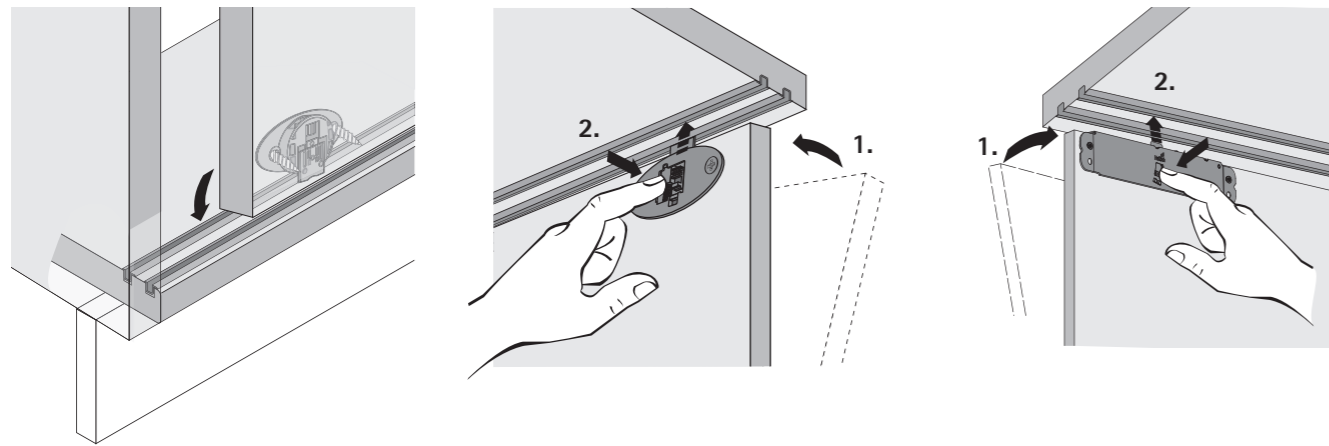




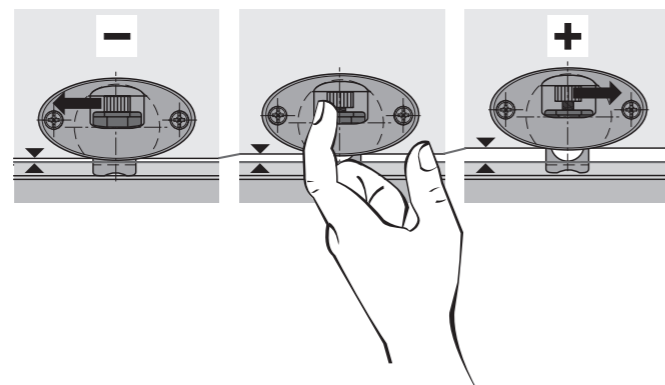
## Sliding door system / bottom running

- ▶ SlideLine 55 Plus / overlay and inset door position
- ▶ Installation

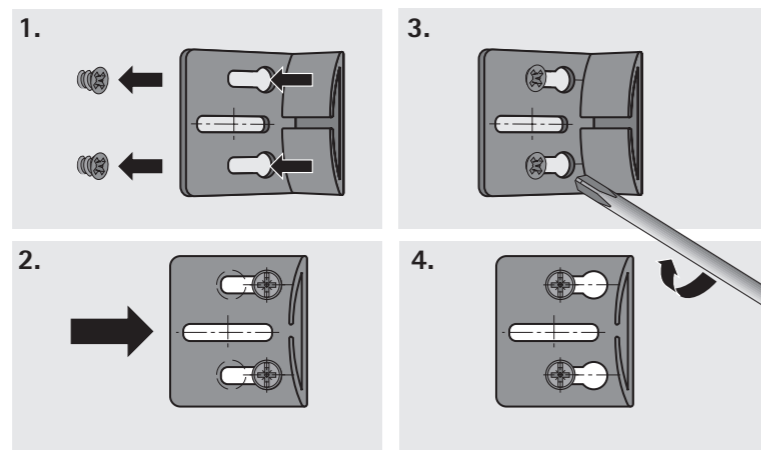
### Installing door



### Height adjustment



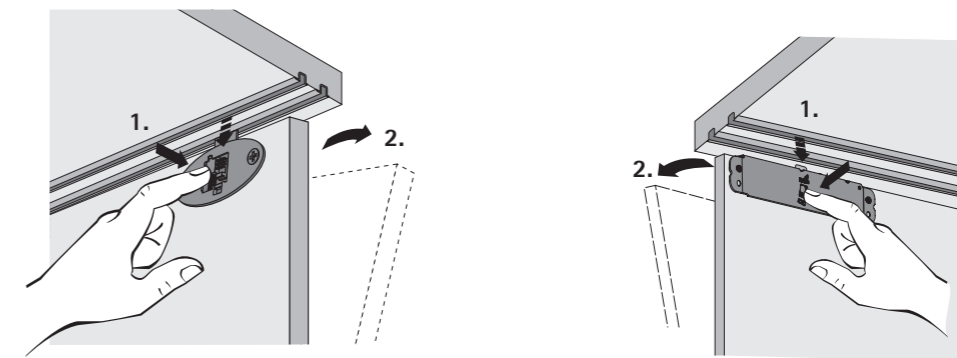
### Installing spacer



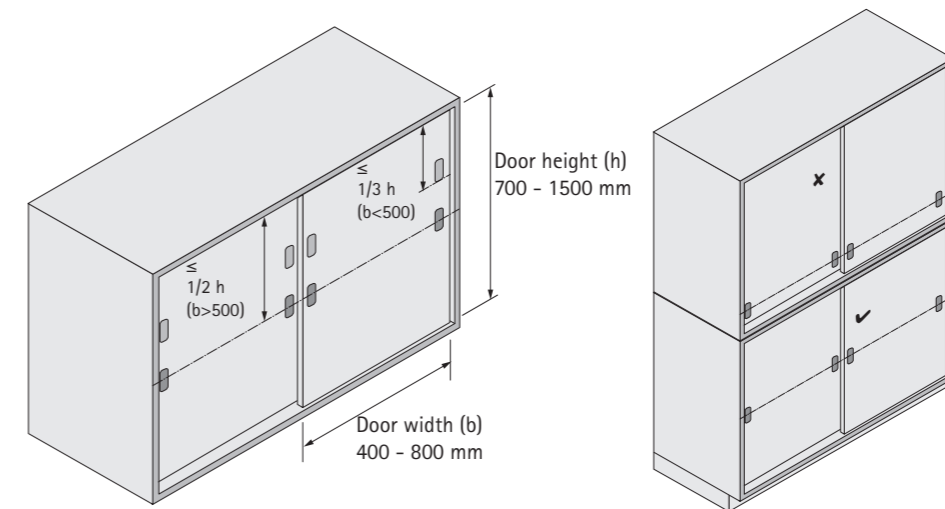
## Sliding door system / bottom running

- ▶ SlideLine 55 Plus / overlay and inset door position
- ▶ Installation

### Removing door



### Positioning of handles





The SlideLine 97 glass sliding door fitting lets you create glass display cabinets. The glass doors are guided in specially designed convex profiles providing precision, secure running action. Ball bearings with steel outer ring and sound absorbing plastic sheathing ensure permanently smooth and quiet running performance.



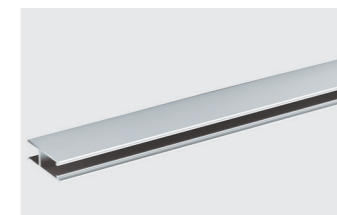
**Performance summary**  
 ▶ Technical details in brief  
 ▶ Door sizes  
 ▶ Operating principle

**84 – 85**



**Planning dimensions**

**86 – 87**



**System components**

**88 – 91**



**Installation**

**92**

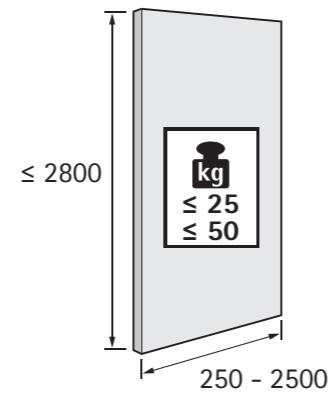
## Sliding door system / bottom running

- ▶ SlideLine 97 / Inset door position
- ▶ Performance summary

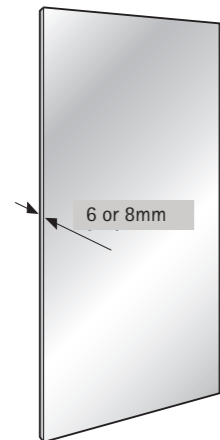
### Technical details in brief

- ▶ Suitable for glass thicknesses 6 and 8 mm
- ▶ Door weight no more than 25 kg per glass door
- ▶ Door height up to 2800 mm
- ▶ Door width 250 - 2500 mm
- ▶ Running components with plastic sheathed ball bearing
- ▶ Tested to EN 15706, Level 2
- ▶ Lockable with Prestige 2000 cylinder push lock

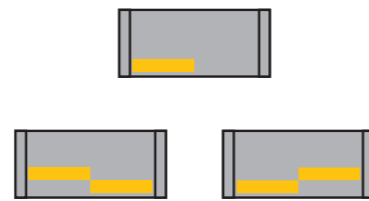
### Door format and door weight



### Door material



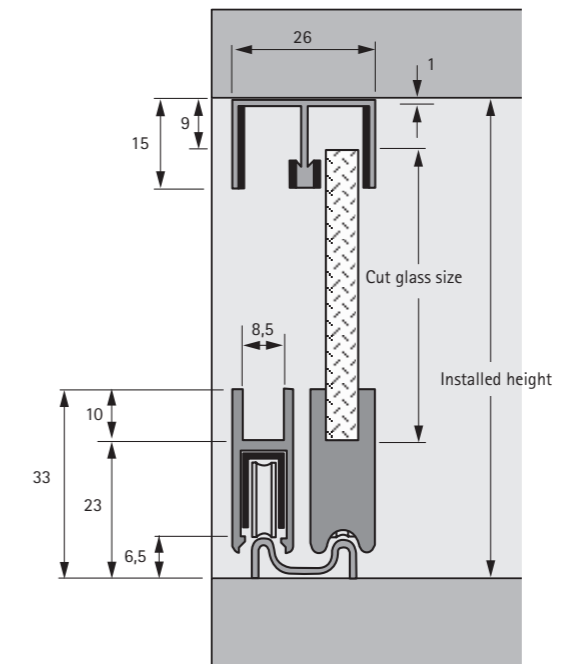
### Number of door wings and door position



## Sliding door system / bottom running

- ▶ SlideLine 97 / Inset door position
- ▶ Performance summary

### Operating principle



# Sliding door system / bottom running

- ▶ SlideLine 97 / Inset door position
- ▶ Planning dimensions

**Basic version**

Cut glass size without slide in profile: installed height – 32 mm  
 Cut glass size with slide in profile ( 0 076 474 ): installed height – 33.5 mm

# Sliding door system / bottom running

- ▶ SlideLine 97 / Inset door position
- ▶ Planning dimensions

**Mounting option with end plates**

b = Cut glass size

**Mounting option with running component handle 0 076 481 and end plate**

b = Cut glass size

**Mounting option with adapter 0 076 482 and cylinder push lock 0 076 483**

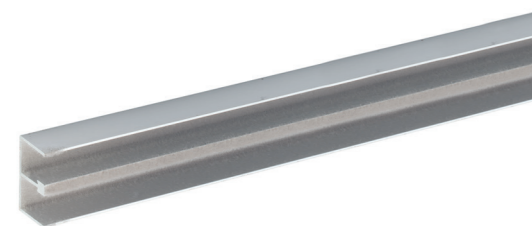
b = Cut glass size  
 If the inside carcass dimension is an uneven number, it must be rounded down to the nearest even number.



## Sliding door system / bottom running

- ▶ SlideLine 97 / Inset door position
- ▶ System components

### Double guide profile, flock-coated



- ▶ Length 2500 mm
- ▶ Covered with protective film

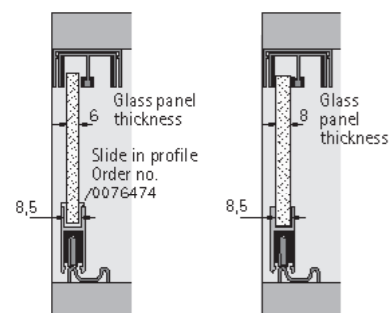
Order no.	PU
0 048 965	1/4 ea.

### Slide in profile



- ▶ Length 2500 mm
- ▶ Slide in profile not necessary for 8 mm glass

Glass thickness	Order no.	PU
6	0 048 968	1/4 ea.



### Frame profile



- ▶ Length 2500 mm
- ▶ Covered with protective film

Order no.	PU
0 048 969	1/4 ea.

## Sliding door system / bottom running

- ▶ SlideLine 97 / Inset door position
- ▶ System components

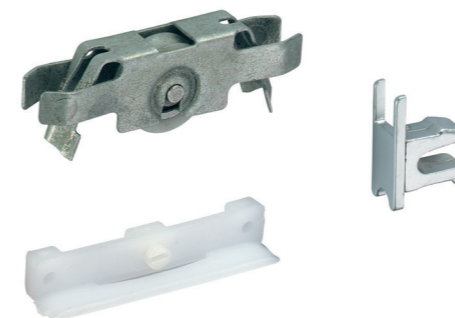
### Running component



- ▶ Length 2500 mm
- ▶ Up to 8 mm thick glass, covered with protective film

Order no.	PU
0 048 966	1/4 ea.

### Basic set for 2 glass sliding doors



- Set comprises:
- ▶ 25 kg 4x Running part
  - ▶ 4x Stop attachment and securing device
  - ▶ 4x End plate

	Order no.	PU
25 kg	0 048 973	1 set

### Dust guard and stop for frame profile



- ▶ Length 2500 mm

Order no.	PU
0 048 970	1/4 ea.

### Double runner rail



- ▶ Length 2500 mm
- ▶ With double-sided adhesive tape for fast installation

Order no.	PU
0 048 972	1/4 ea.

### Running component handle



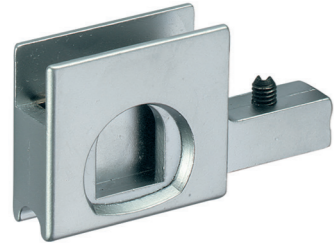
- ▶ Can be mounted on left and right
- ▶ For glass up to 8 mm thick

Order no.	PU
0 076 481	1/10 ea.

## Sliding door system / bottom running

- ▶ SlideLine 97 / Inset door position
- ▶ System components

### Adapter for cylinder push lock



- ▶ Can be mounted on left and right
- ▶ For glass up to 8 mm thick

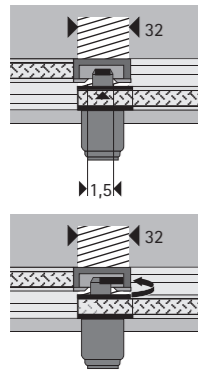
Order no.	PU
0 076 482	1 ea.

### Cylinder push lock



- ▶ For glass up to 8 mm thick
- ▶ Can be mounted on left and right
- ▶ Matt chrome plated
- ▶ Please order Z 23 barrel separately

Order no.	PU
0 076 483	1 ea.



### Barrel and key for cylinder push lock



- ▶ High gloss nickel plated barrel
- ▶ Ø18 diameter, Ø3,2 depth barrel
- ▶ 2 square double-profile zinc keys, nickel plated

#### Consecutive key operations

	Order no.	PU
Barrel Z23 18001 - 18020	9 078 860	20

#### Single key operations

	Order no.	PU
Barrel Z23 18001	9 078 862	1

## Sliding door system / bottom running

- ▶ SlideLine 97 / Inset door position
- ▶ System components

### Special tool



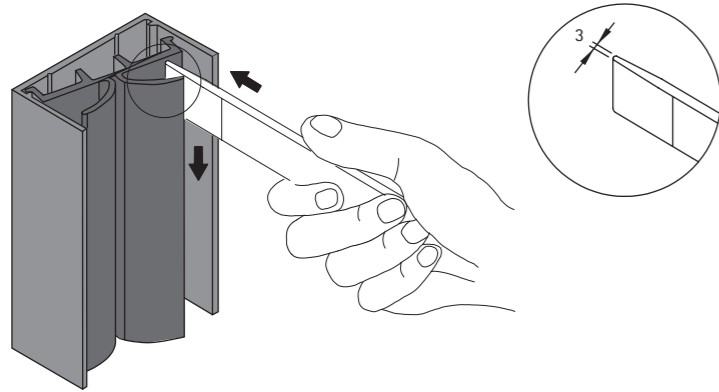
- ▶ For easy installation of the running parts into the running component

Order no.	PU
0 076 484	1 ea.

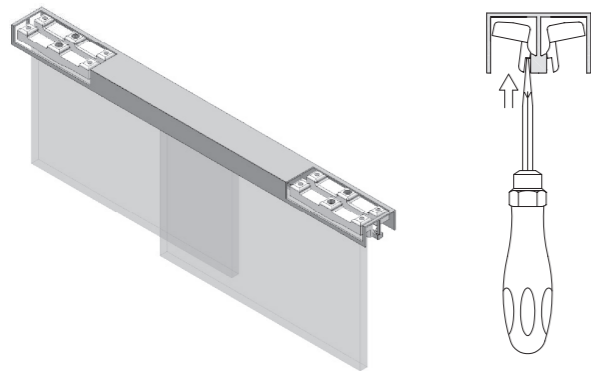
## Sliding door system / bottom running

- ▶ SlideLine 97 / inset door position
- ▶ Installation

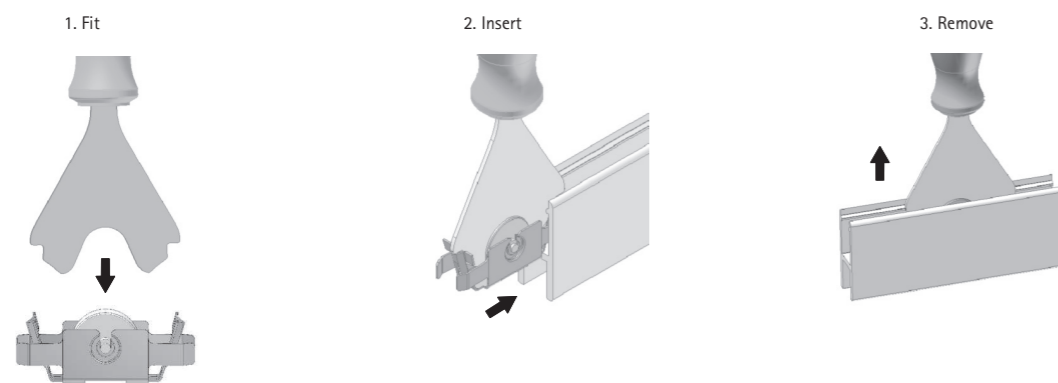
### Installing dust guard and stop



### Installation of door damper and lift off guard



### Installation running part



## Retractable door system

- ▶ Range summary / technical comparison

KA 5740



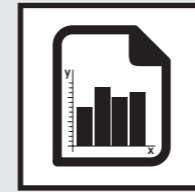
Page	94 - 100
Description	Retractable door system for doors that slide into the sides of the carcass when opened
Door action	Horizontal
Door position	Inset
Door weight	14 kg max.
Door material	wood
Door width mm	300 - 700 mm
Door height mm	1800 mm max.
Silent System	-



Mounted on the KA 5740 retractable door fitting, the doors slide back into the sides of the cabinet body when they are opened.

Perfect, for example, for TV and multimedia furniture or for a cocktail cabinet that opens up and disappears again just as quickly. The fitting's mechanism also vanishes from view: simply by using face frame hinge.

Hettich retractable door fitting KA 5740 is suitable for door widths of 300 to 700 mm. All options with roll-out prevention.



**Performance summary**  
**Technical details in brief**  
 ▶ Door sizes  
 ▶ Silent System  
 ▶ Operating principle

96



**Planning dimensions**

97 - 98



**System components**

99



**Installation**

100



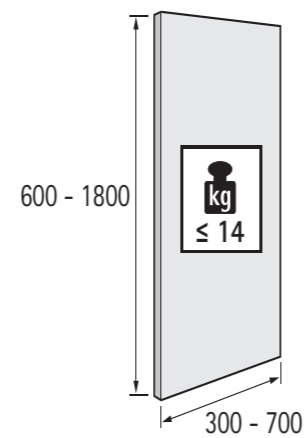
# Retractable door system

- ▶ KA 5740
- ▶ Performance summary

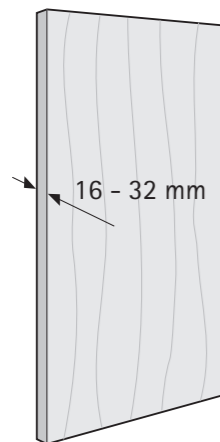
## Technical details in brief

- ▶ For wooden doors
- ▶ Door thickness max. 22.5 or 32.0 mm
- ▶ Door weight up to 14 kg
- ▶ Door height up to 1800 mm
- ▶ Door width 300 - 700 mm
- ▶ Tested to ANSI/BIFMA X5.5
- ▶ With roll-out locating catch

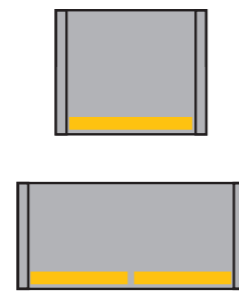
## Door format and door weight



## Door material



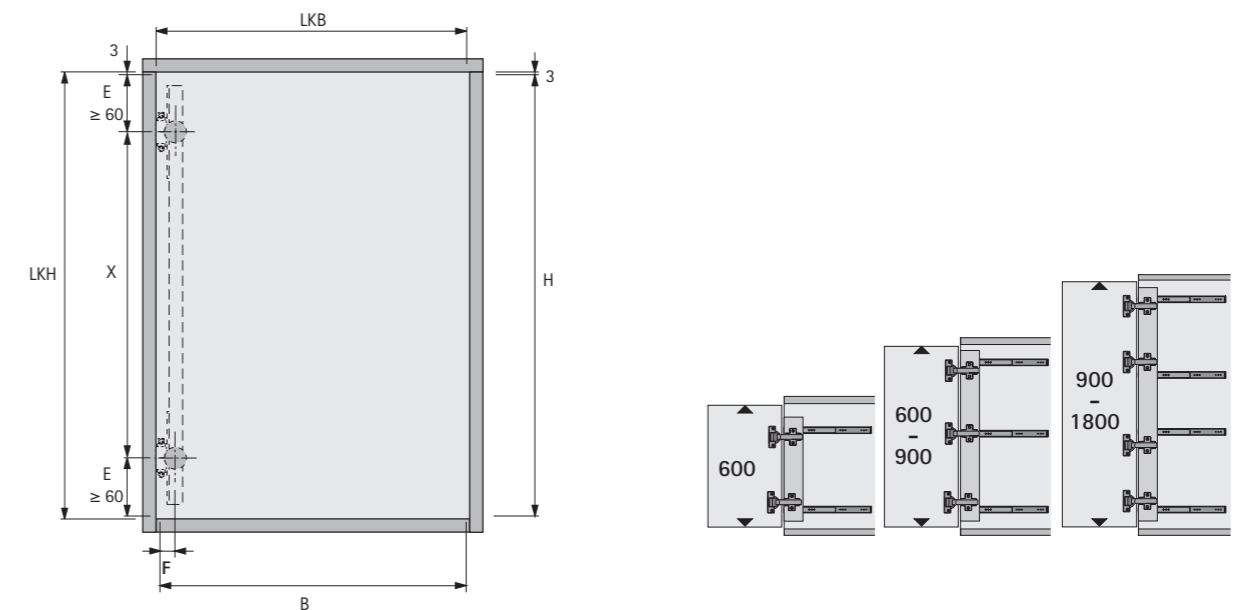
## Number of door wings and door position



# Retractable door system

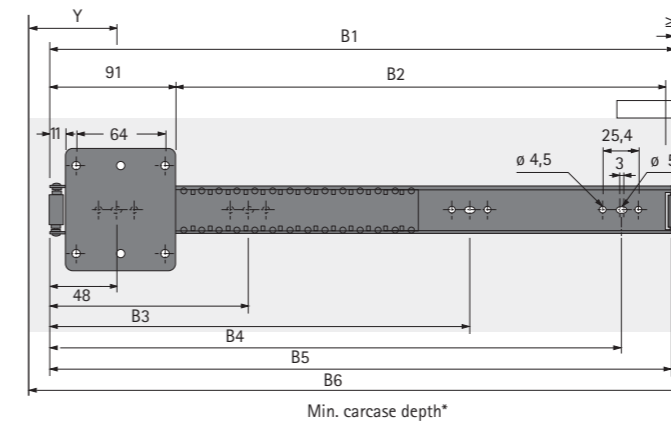
- ▶ KA 5740
- ▶ Planning dimensions

## Installation dimensions for KA 5740



Door height = inside carcase height - 6 mm  
 Door width = inside carcase width - 6 mm  
 $X = \text{door height} - 2 \times E$

Recommended quantity of KA 5740 retractable door fittings depends on door height.



Min. carcase depth\*  
 \* Minimum cabinet depth = (nominal length + 2 mm) + (door thickness + 2 mm) + rear reveal (min. 3 mm)

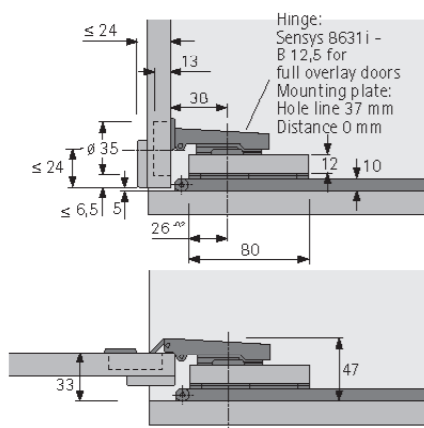
Article	Dimension mm					
	B1	B2	B3	B4	B5	B6
KA 5740/350	352	256	304	-	-	350
KA 5740/400	402	306	368	-	-	400
KA 5740/450	452	356	144	304	400	450
KA 5740/500	502	406	176	336	464	500
KA 5740/550	552	456	208	368	528	550
KA 5740/600	602	506	240	400	560	600
KA 5740/650	652	556	272	432	624	650
KA 5740/700	702	606	304	464	656	700



## Retractable door system

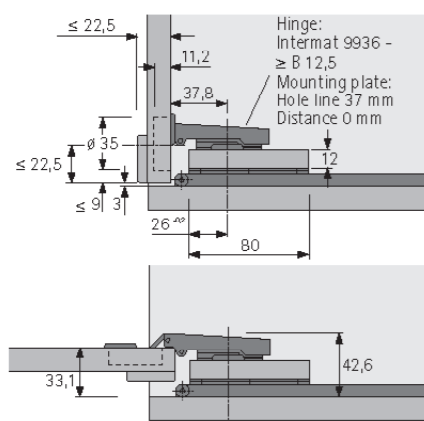
- ▶ KA 5740
- ▶ Planning dimensions

### Use with Sensys and 12 mm connecting strip



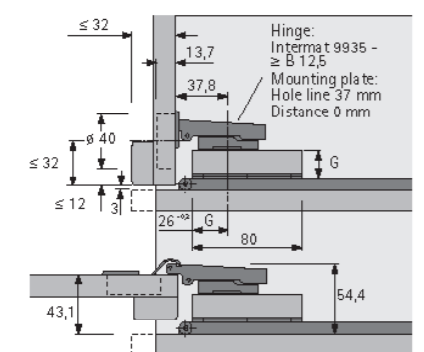
- ▶ For profile doors up to 28 mm
- ▶ 95° opening angle
- ▶ Base 12.5 mm
- ▶ Cup diameter 35 mm

### Use with Intermat and 12 mm connecting strip



- ▶ For profile doors up to 22.5 mm
- ▶ 95° opening angle
- ▶ Base 12.5 mm
- ▶ Cup diameter 35 mm

### Use with Intermat and 16 - 21 mm connecting strip



- ▶ For profile doors up to 32 mm
- ▶ 95° opening angle
- ▶ Base 18 mm
- ▶ Cup diameter 40 mm

Distance	G mm
5	16
3	18
1,5	19,5
0	21

## Retractable door system

- ▶ KA 5740
- ▶ System components

### KA 5740



- ▶ Pair of KA 5740 for retractable doors

Useful information:

- ▶ Concealed hinges must be ordered separately

Door width (max)	Order no.	PU
350	0 041 372	1 pair
400	0 041 373	1 pair
450	0 041 374	1 pair
500	0 041 375	1 pair
550	0 041 376	1 pair
600	0 041 377	1 pair
650	0 041 378	1 pair
700	0 041 379	1 pair

### KA 5740 accessory set



- ▶ The KA 5740 accessory set also allows you to park flaps inside the top part of the cabinet carcass after opening them.
- ▶ The set of accessories assists the slide in and, when used on flaps, keeps them in the horizontal position.

Set comprises:

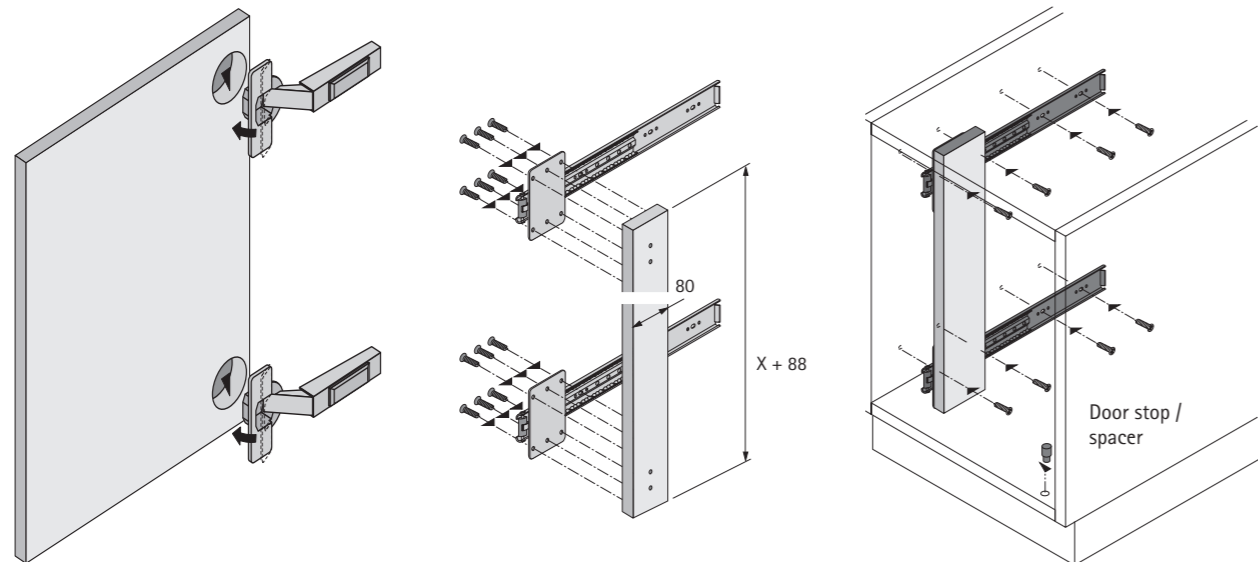
- ▶ 8 door applications / spacers, 10 mm ø drilling

Order no.	PU
9 079 526	1 set

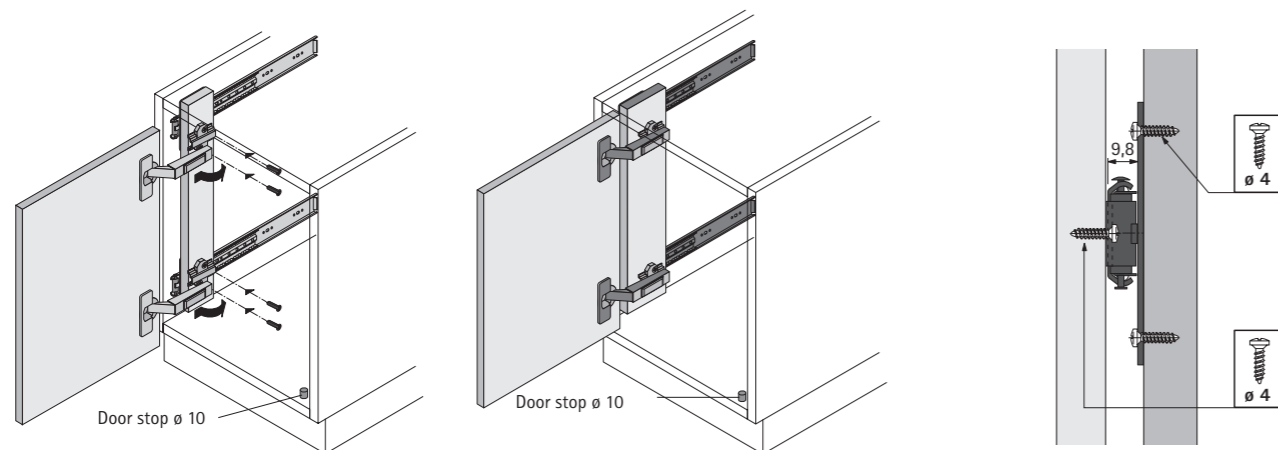
## Retractable door system

- ▶ KA 5740
- ▶ Installation

### Preparing / installing fitting





### Installation door



## Vertical sliding door system

- ▶ Range summary / technical comparison

	VerticoSynchro	VerticoMono
		
Page	102 - 109	110 - 118
Description	Vertically running system of synchronous-action sliding doors for two simultaneously	Vertically running sliding door system for one door
Door action	Vertical	Vertical
Door position	Inset / overlay	Inset
Door weight	15 kg max.	15 kg max.
Door material	wood / wood, aluminium	wood / wood, aluminium
Door width mm	1500 mm max.	1500 mm max.
Door height mm	300 - 400 mm	400 - 700 mm



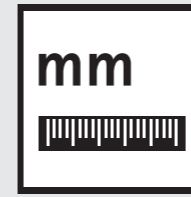
The VerticoSynchro 1-track sliding door system moves two doors at the same time – up and down. Weighing up to 15 kg, the doors run in an inset or overlay aluminium profile. The synchronous mechanism is premounted in the profile.



Performance summary

104 – 105

- ▶ Technical details in brief
- ▶ Door sizes
- ▶ Operating principle



Planning dimensions

106 – 107



System components

108



Installation

109

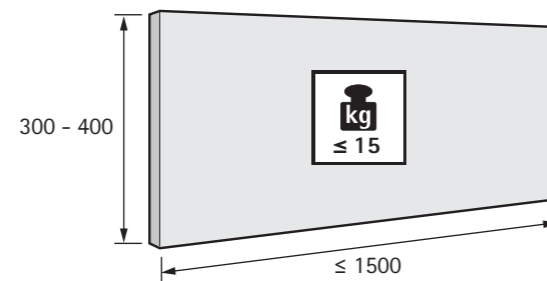
## Sliding door system / vertically running

- ▶ VerticoSynchro / overlay and inset door position
- ▶ Performance summary

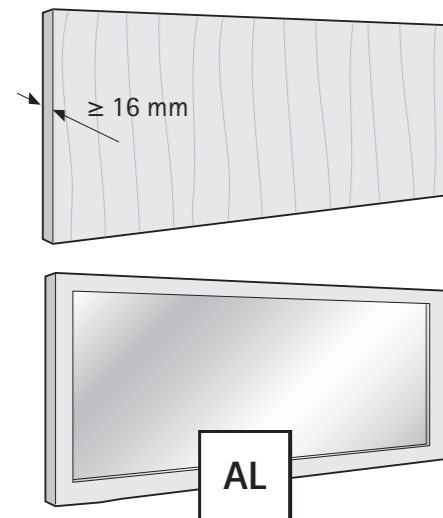
### Technical details in brief

- ▶ 1-track, vertically running sliding door system
- ▶ Inset door position
- ▶ For wooden doors or wood / aluminium framed doors
- ▶ Door weight up to 15 kg
- ▶ Door height 300 - 400 mm
- ▶ Door width up to 1500 mm
- ▶ Length of runner profile 1200 to 2500 mm (can be individually shortened)
- ▶ Tested to EN 15706, Level 2

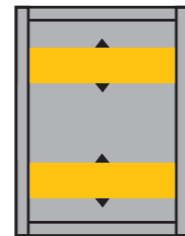
### Door format and door weight



### Door material



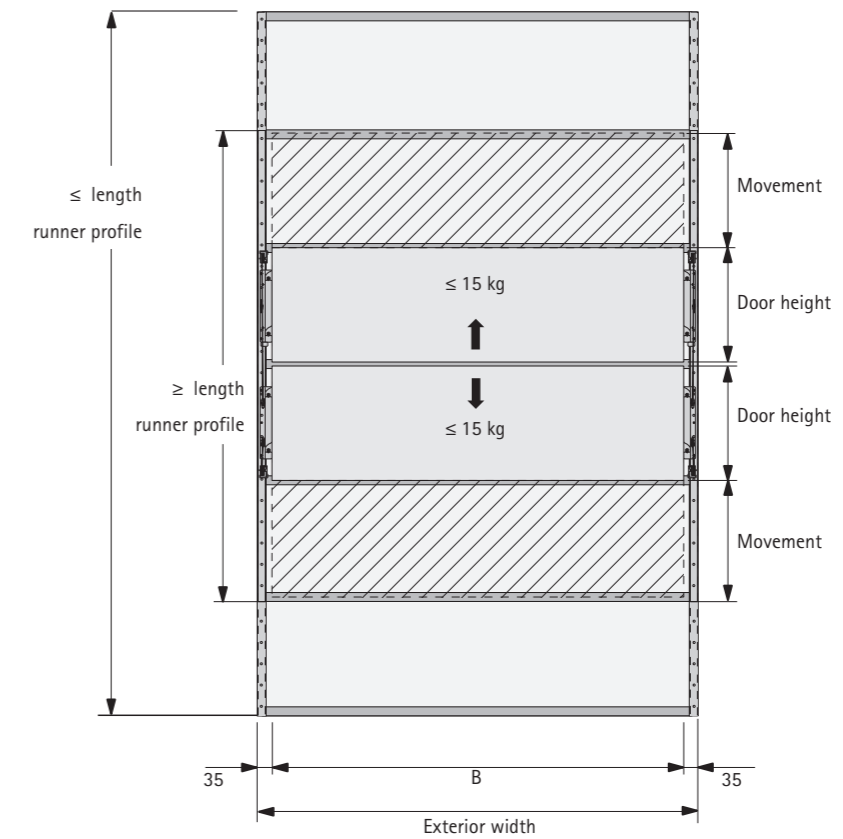
### Number of door wings and door position



## Sliding door system / vertically running

- ▶ VerticoSynchro / overlay and inset door position
- ▶ Performance summary

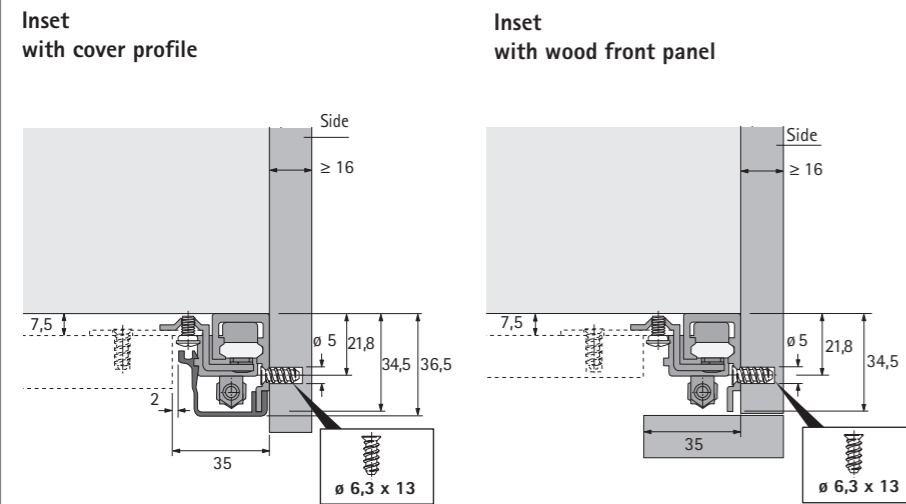
### Operating principle



# Sliding door system / vertically running

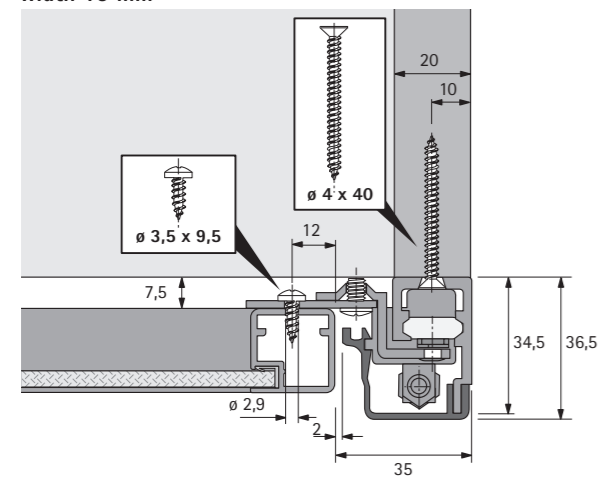
- ▶ VerticoSynchro / overlay and inset door position
- ▶ Planning dimensions

## Installation dimensions for runner profiles



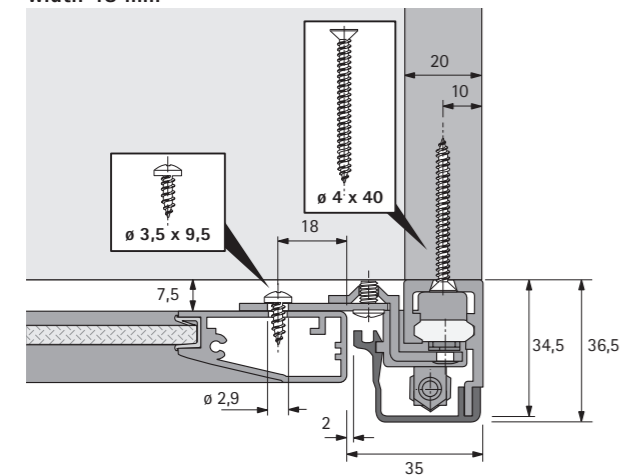
## Installation dimensions for 19 mm aluminium framed door

Aluminium framed door, width 19 mm

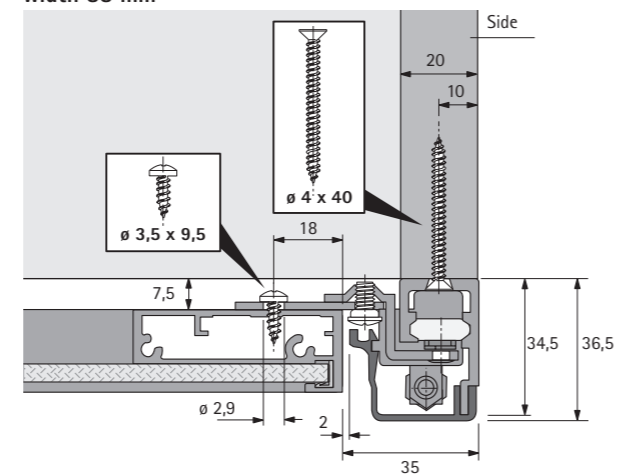


## Installation dimensions for 45 mm aluminium framed door / 55 mm aluminium framed door

Aluminium framed door, width 45 mm



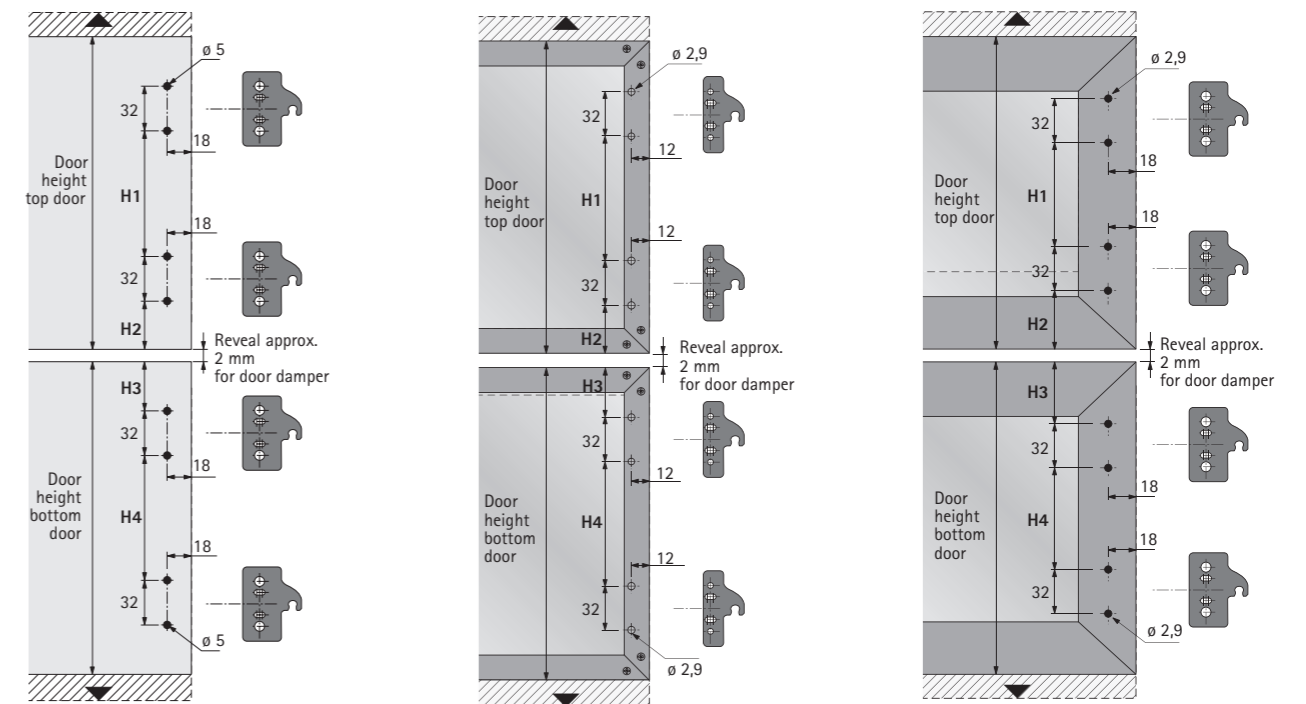
Aluminium framed door, width 55 mm



# Sliding door system / vertically running

- ▶ VerticoSynchro / overlay and inset door position
- ▶ Planning dimensions

## Installation dimensions for screw on plates



## Drilling patterns, screw on plates

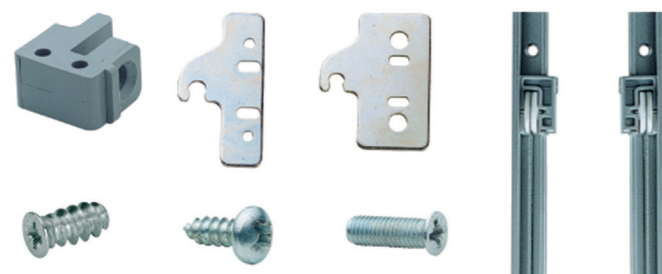
Door height mm	Movement mm	H1 mm	H2 mm	H3 mm	H4 mm
300 – 400	300	128	54	54	128
350 – 400	350	128	54	54	128



## Sliding door system / vertically running

- ▶ VerticoSynchro / overlay and inset door position
- ▶ System components

### VerticoSynchro set



- ▶ Set contains all the components required for 2 synchronously running wood or aluminium framed sliding doors
- ▶ Set includes runner profiles, profile length 1200 - 2500 mm, depending on door height and movement

#### Set comprises:

- ▶ 2 runner profiles with premounted running components
- ▶ 16 screw on plates
- ▶ Fixing material

#### Useful information:

- ▶ The upper door acts as counterweight for the lower door. Both doors must be of identical weight.
- ▶ Cover profiles for the runner profiles must be ordered separately

Door height mm	Movement mm	Max. width mm	Min. length mm	Max. length mm	Order no. / Door mounting option inset	PU
300 - 400	300	1500	1200	2500	0 020 392	1 set
350 - 400	350	1500	1400	2500	0 020 393	1 set

### Cover profile for runner profile left/right



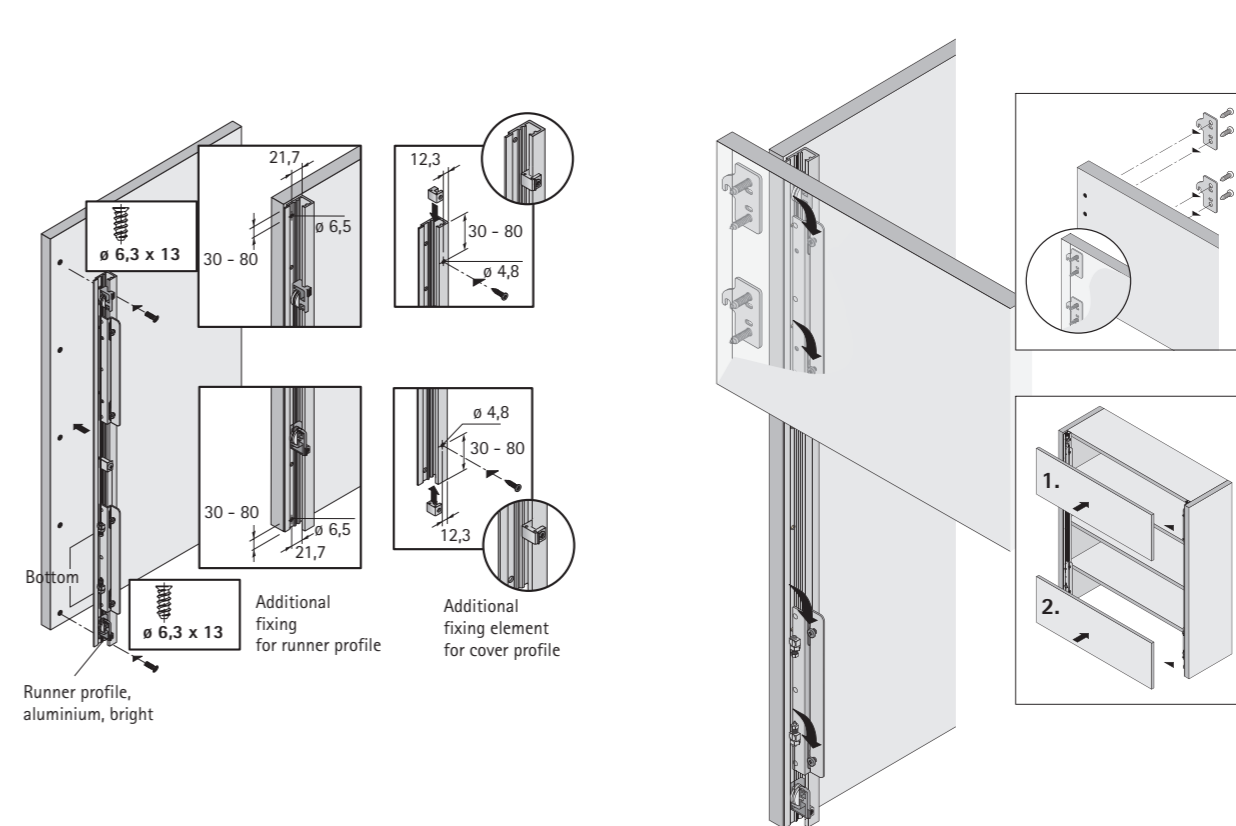
- ▶ Length 2500 mm

Order no.	PU
0 020 400	1 ea.

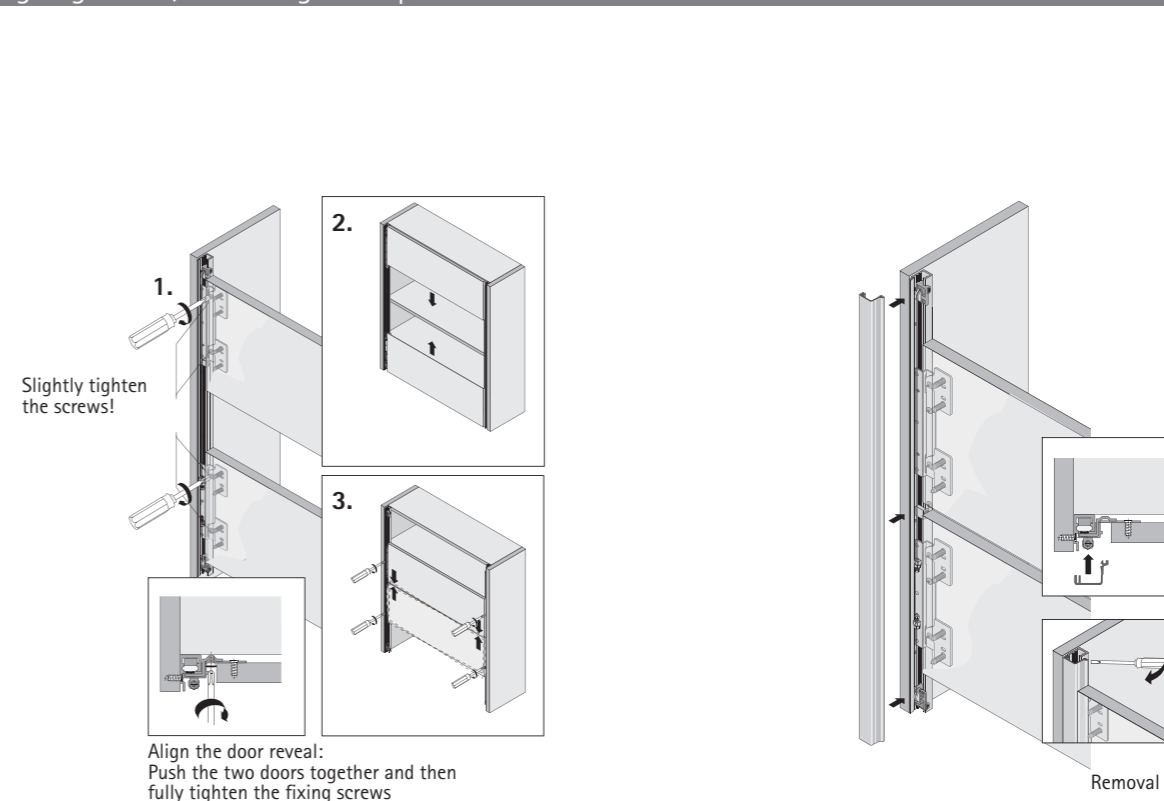
## Sliding door system / vertically running

- ▶ VerticoSynchro / overlay and inset door position
- ▶ Installation

### Installing runner profile / doors - inset installation



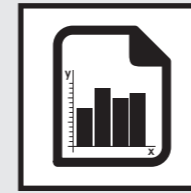
### Aligning doors / mounting cover profile - inset installation





The VerticoMono vertical sliding door system adds creative and practical highlights to the kitchen and everywhere else in the home. Weighing up to 15 kg, the door runs in an inset aluminium profile. The working components come premounted and are concealed by an aluminium or wooden

profile. Easy and convenient handling makes VerticoMono ideal for entertainment furniture or for practical, interesting storage space in the kitchen and office.



**Performance summary**  
 ▶ Technical details in brief  
 ▶ Door sizes  
 ▶ Operating principle

112 - 113



**Planning dimensions**

114



**System components**

115



**Installation**

116 - 118



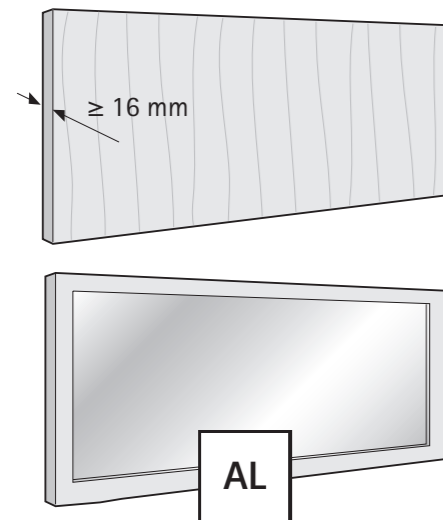
## Sliding door system / vertically running

- ▶ VerticoMono / inset door position
- ▶ Performance summary

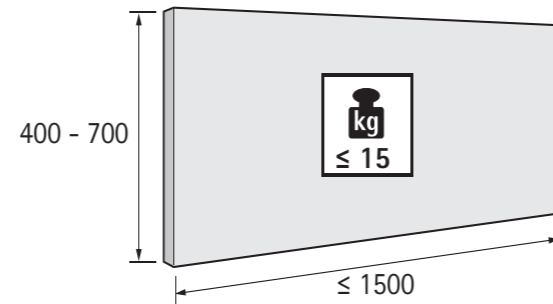
### Technical details in brief

- ▶ 1-track, vertically running sliding door system
- ▶ Inset door position
- ▶ For wooden doors or wood / aluminium framed doors
- ▶ Door weight up to 15 kg
- ▶ Door height 400 - 700 mm
- ▶ Door width up to 1500 mm
- ▶ Length of runner profile (can be shortened as required) 2500 mm
- ▶ Counterweight in individually selectable materials runs behind the carcass rear panel
- ▶ Tested to EN 15706, Level 3

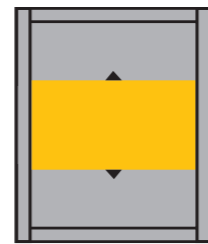
### Door material



### Door format and door weight



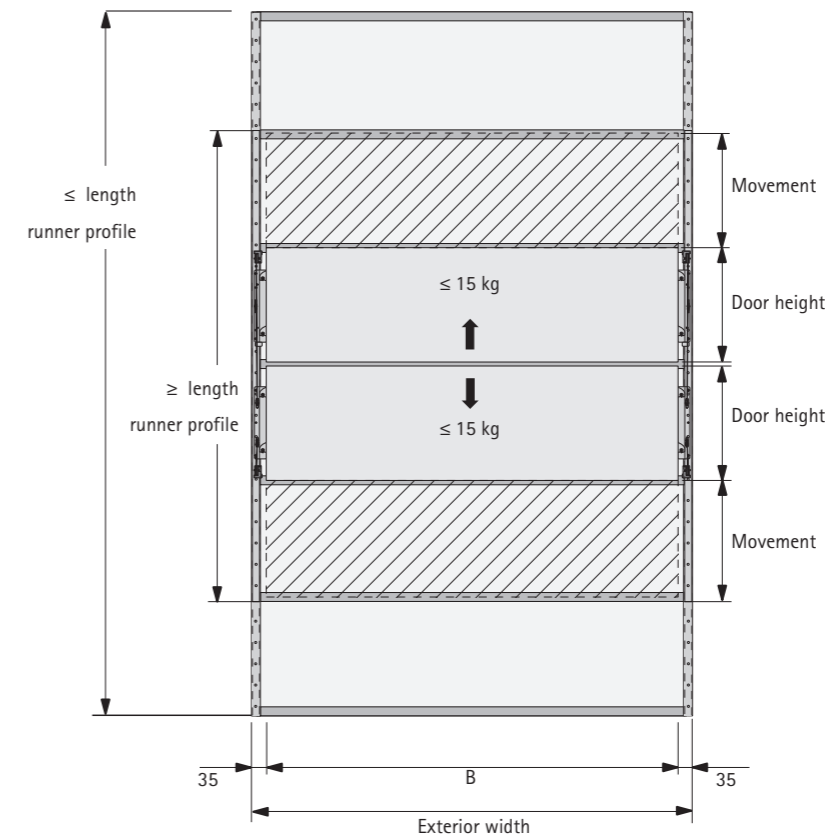
### Number of door wings and door position



## Sliding door system / vertically running

- ▶ VerticoMono / inset door position
- ▶ Performance summary

### Operating principle

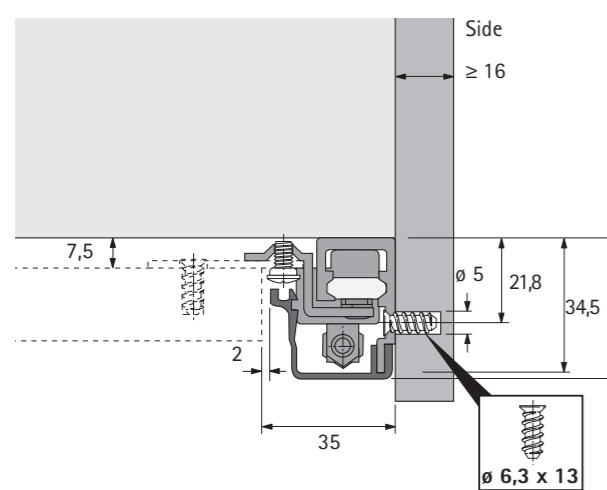


## Sliding door system / vertically running

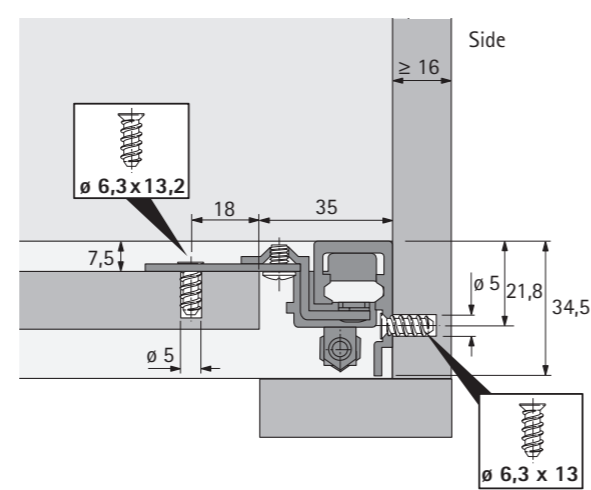
- ▶ VerticoMono / inset door position
- ▶ Planning dimensions

### Installation dimensions for runner profiles with cover profile / with wooden panel

with cover profile

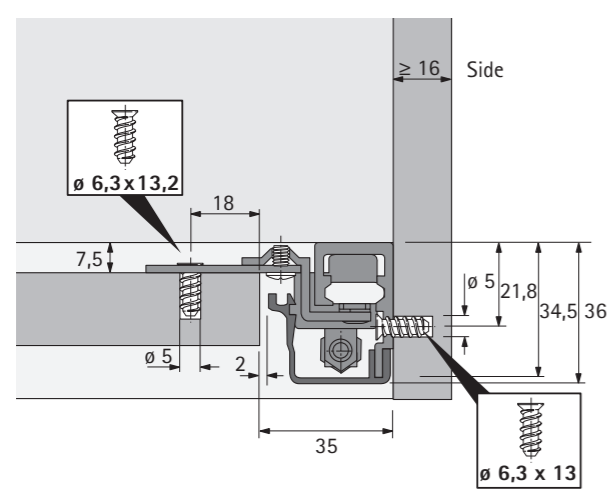


with wood front panel

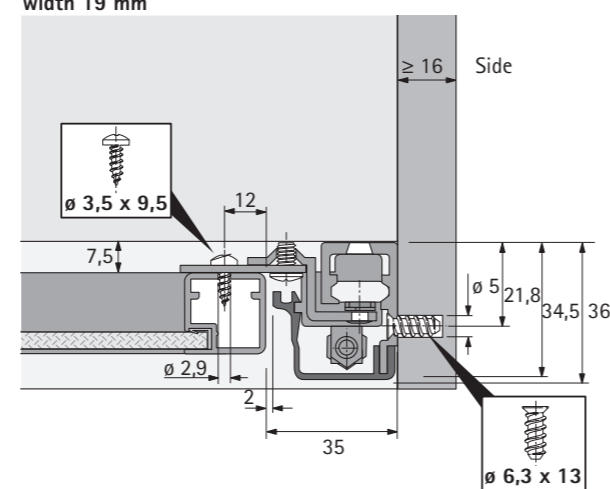


### Installation dimensions for wooden / 19 mm aluminium framed door

Wooden door

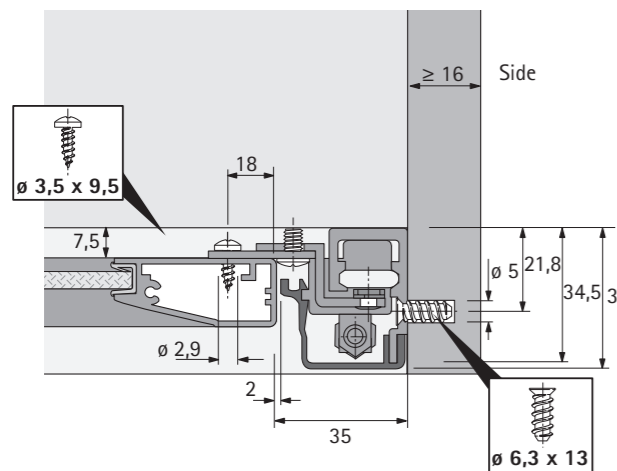


Aluminium framed door, width 19 mm

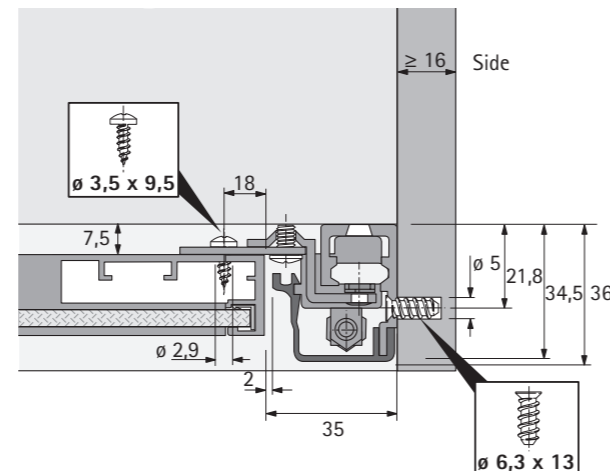


### Installation dimensions for 45 mm aluminium framed door / 55 mm aluminium framed door

Aluminium framed door, width 45 mm



Aluminium framed door, width 55 mm



## Sliding door system / vertically running

- ▶ VerticoMono / inset door position
- ▶ System components

### Set, VerticoMono



- ▶ Set contains all the components required for 1 vertically running wood or aluminium framed sliding door
- ▶ Set includes runner profiles, length 2500 mm, can be individually shortened as required for door height and movement
- ▶ Note: The counterweight and door weight (including handle) must be identical

#### Set comprises:

- ▶ 2 runner profiles with premounted running components
- ▶ 4 guide components
- ▶ 2 guide components for counterweight
- ▶ 8 screw on plates
- ▶ 2 diverter rollers
- ▶ Fixing material

Order no.	PU
0 045 315	1 set

### Cover profile for runner profile left/right



- ▶ Length 2500 mm

Order no.	PU
0 020 400	1 ea.

### Cover profile for covering the cable pull at the side



- ▶ Length 600 mm

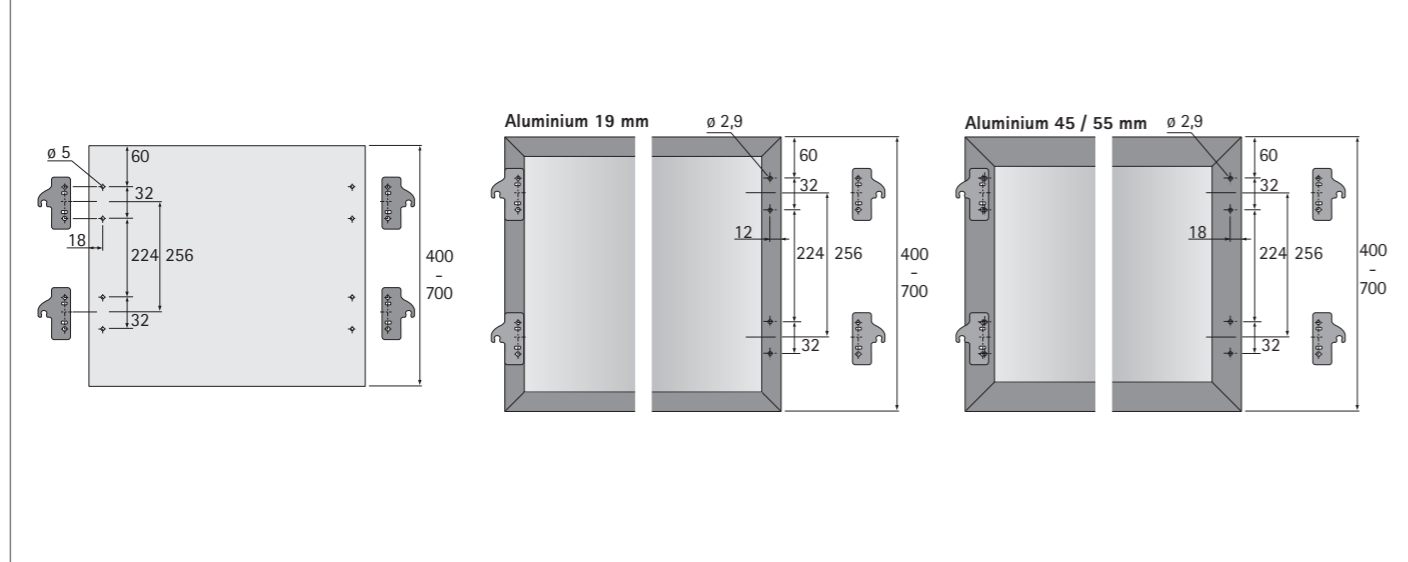
Order no.	PU
0 045 316	1 ea.



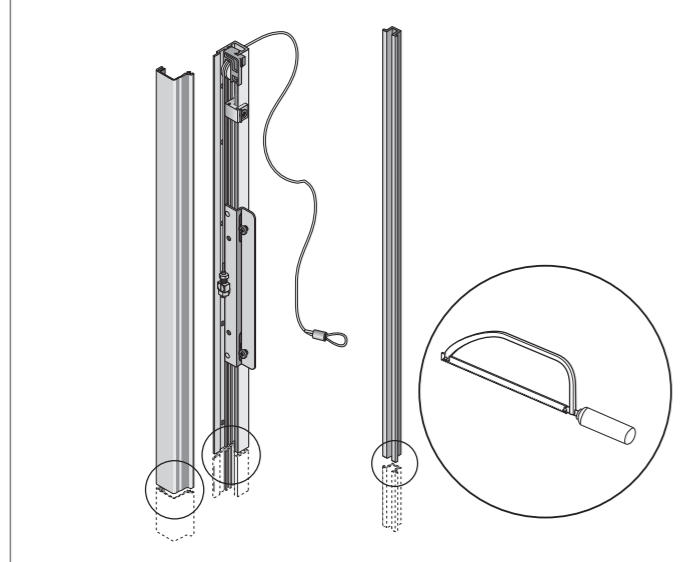
# Sliding door system / vertically running

- ▶ VerticoMono / inset door position
- ▶ Installation

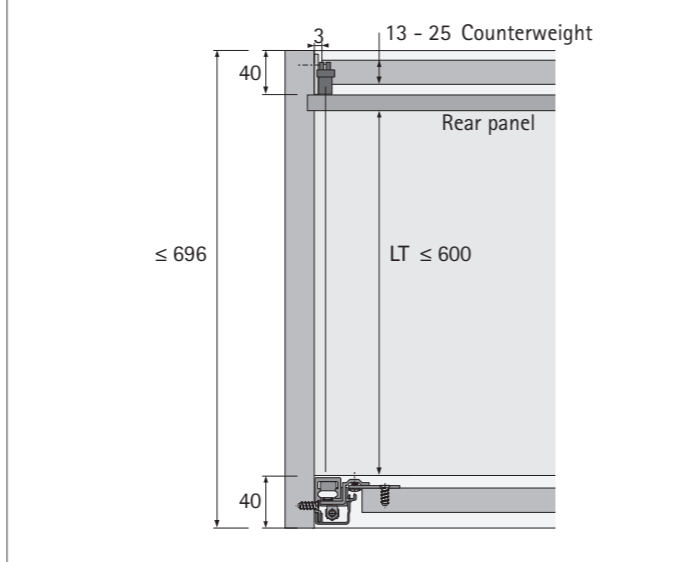
## Installation screw on plate



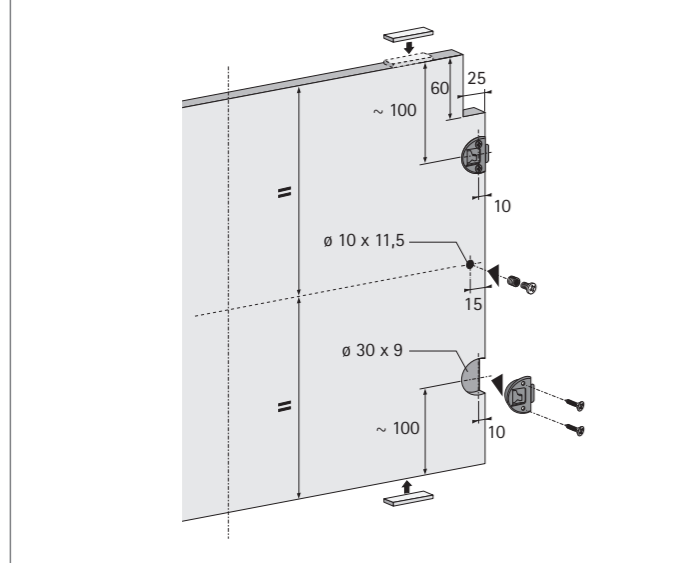
## Cutting runner profile to length



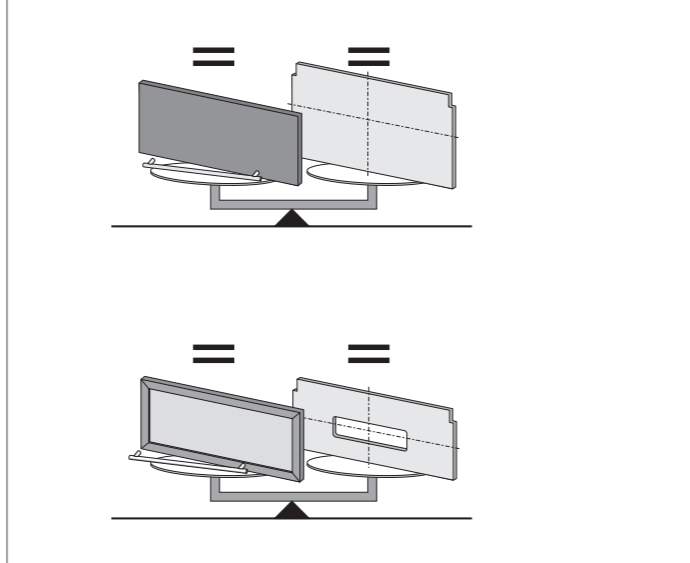
## Sectional view of carcass



## Preparing the counterweight



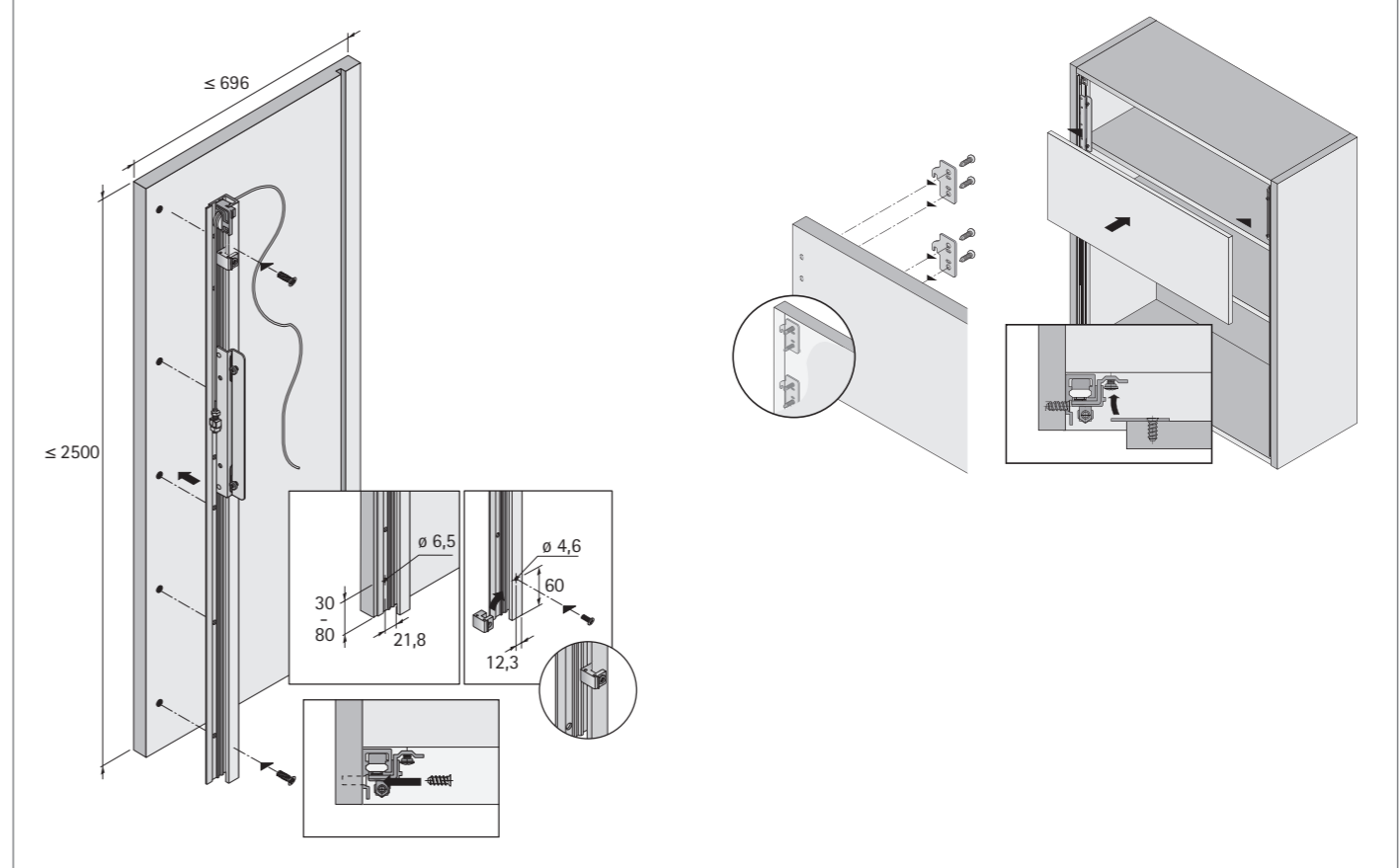
## Balanced door and counterweight



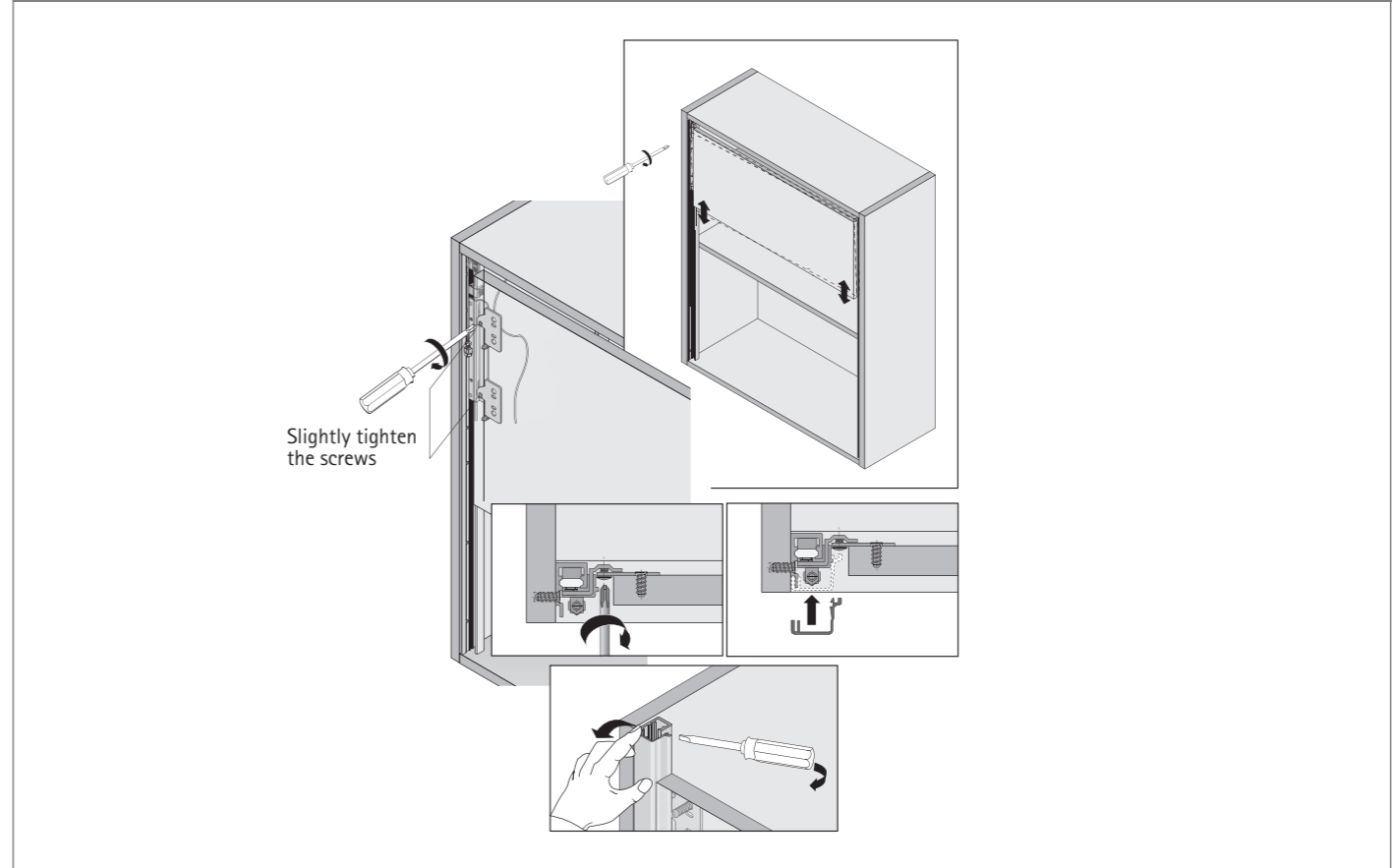
# Sliding door system / vertically running

- ▶ VerticoMono / inset door position
- ▶ Installation

## Installation runner profiles / preparing fronts



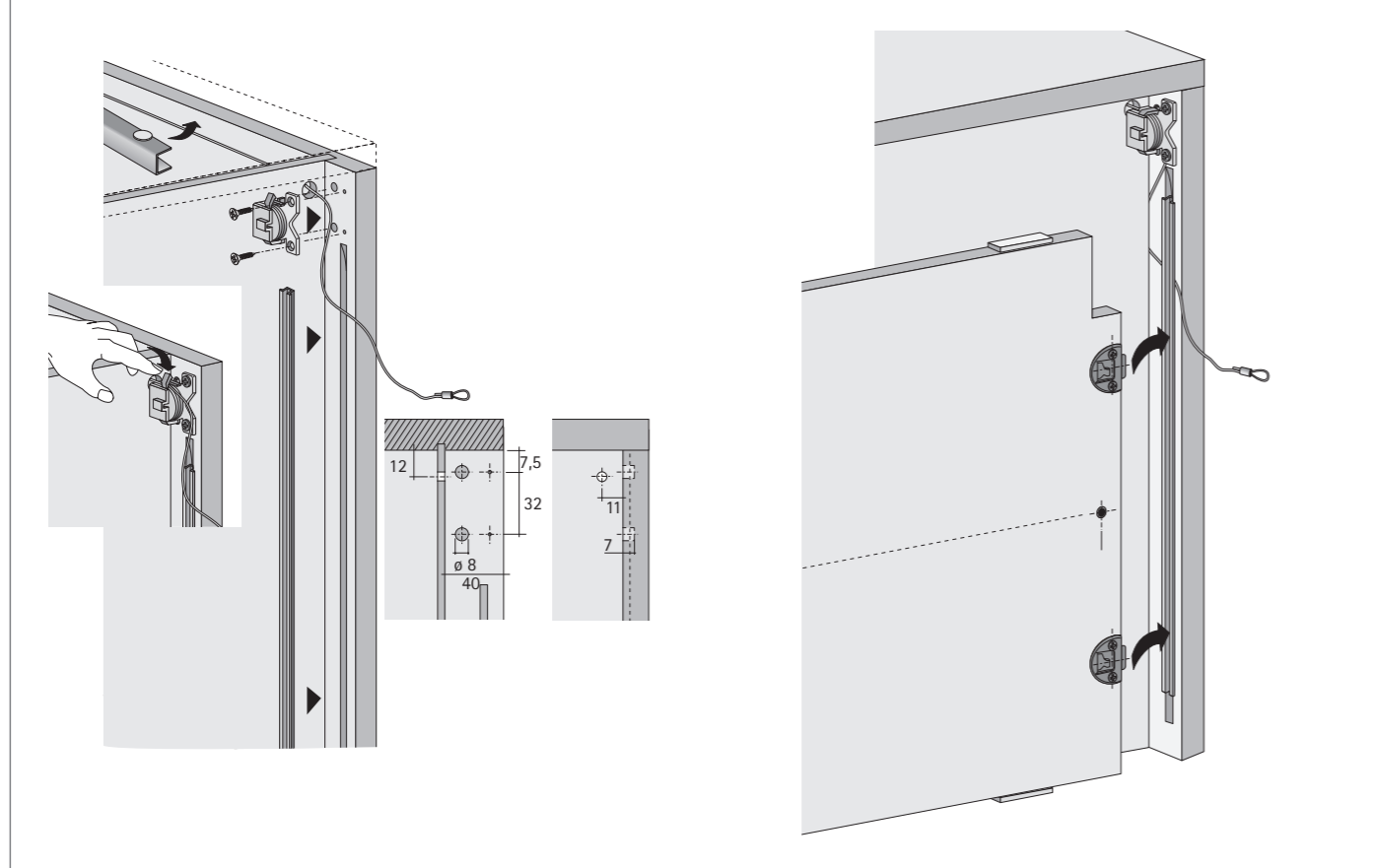
## Installing and aligning fronts



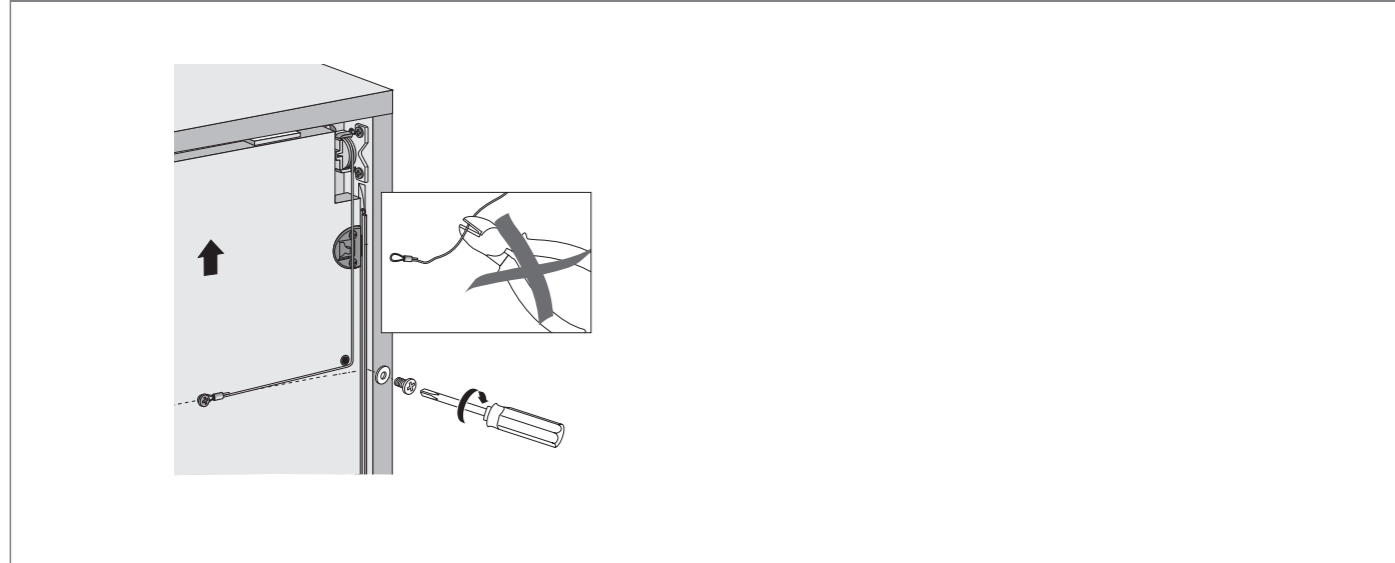
## Sliding door system / vertically running

- ▶ VerticoMono / inset door position
- ▶ Installation

### Installation counterweight / cable mounting on carcass



### Alternatively cable mounting (with shortened runner profile)



## Folding door system

- ▶ Range summary / technical comparison

	WingLine L	WingLine 230	Wing 77
Page	120 - 137	138 - 145	146 - 156
Description	Side mounted folding door system with guide profile at top / bottom	Side mounted folding door system with guide profile at top for large-size doors	Freely moving folding door system with guide profile at top / bottom with 2 or 4 door leaves
Number of door wings	2	2	2 or 4
Door wing weight	12kg 25kg	20 - 25 kg	25kg for 2 20kg for 4
Side mounting	Yes	Yes	No
Door material	Wood	Wood	Wood
Door wing width mm	600 mm max.	600 mm max.	400 - 500mm for 2 400 mm for 4
Door wing height mm	2400 mm for 12kg 2600 mm for 25kg	3000 mm max.	2400 mm max.
Push / Pull to move, Pull to move Silent	Yes	No	No

## Folding door system

▶ WingLine L / attached to the side



### Experiencing folding doors in a new way

WingLine L lets you produce folding sliding doors in a completely new dimension of convenience. The revolutionary Push to move / Pull to move / Pull to move Silent opening mechanism provides access to everything inside the cabinet with just one movement of the hand. An impressive

panorama effect! Further highlights: optimised running performance, soft opening and closing, tool-less installation as well as minimal door protrusion. A talented all rounder for the bedroom, kitchen and office.



#### Panorama convenience:

Access to 6m<sup>2</sup> of cabinet content, leaving everything in perfect view.



#### For easy and gentle opening:

Push to move / Pull to move / Pull to move Silent module first



#### Optimum use of space:

Minimal door protrusion, with door reliably held in place while open.



#### Purist and convenient:

No distracting profile on the bottom panel.



#### Handleless perfection:

Entire door set opens with just one push.



#### Impresses everywhere:

WingLine L is suitable for all commonly used door wing formats.



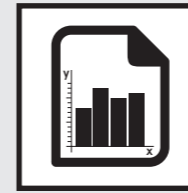
#### Easy and cost effective:

Efficient one person installation.

## Folding door system

▶ WingLine L / attached to the side

▶ Summary



### Performance summary

- ▶ Design principle
- ▶ Door format and door weight
- ▶ General information

122 - 123



### Selection guide and planning dimensions in brief

124 - 129



### System components

130 - 137



# Folding door system

- ▶ WingLine L / attached to the side
- ▶ Performance summary

### Design principle

### General information

### Door format and door weight

### Number of door wings

### Setting options

### Door material

### Automatic opening

Door wings opens all the way  
... in response to a press of the finger

handleless

... in response to a movement of the hand

with handle / finger pull



# Folding door system

- ▶ WingLine L / attached to the side
- ▶ Performance summary

### System summary

- 1 Running and guide components
- 2 Runner and guide profiles
- 3 Centre hinges
- 4 Comfort units
- 5 Stay closed functions

### 1 2 Guide for selecting running and guide component / runner and guide profiles


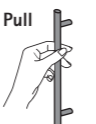
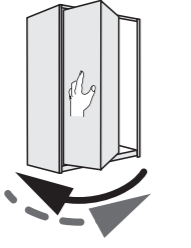
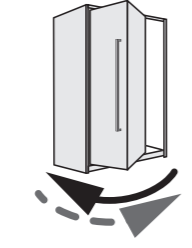
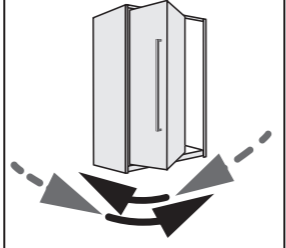
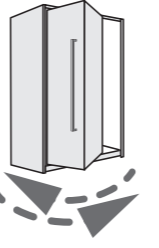
Illustration		
Running component type	Double hinge	Single hinge
Door wing weight	≤ 25 kg	≤ 12 kg
Door wing height	≤ 2600 mm	≤ 2400 mm
Door wing width	250 - 600 mm	250 - 600 mm
Runner profile top	required	required
Guide component bottom	required	optional (required for door heights over 1700mm)
Guide profile bottom	required	optional (required for door heights over 1700mm)
Position of guide component / guide profile	below the bottom panel on the bottom panel	below the bottom panel on the bottom panel



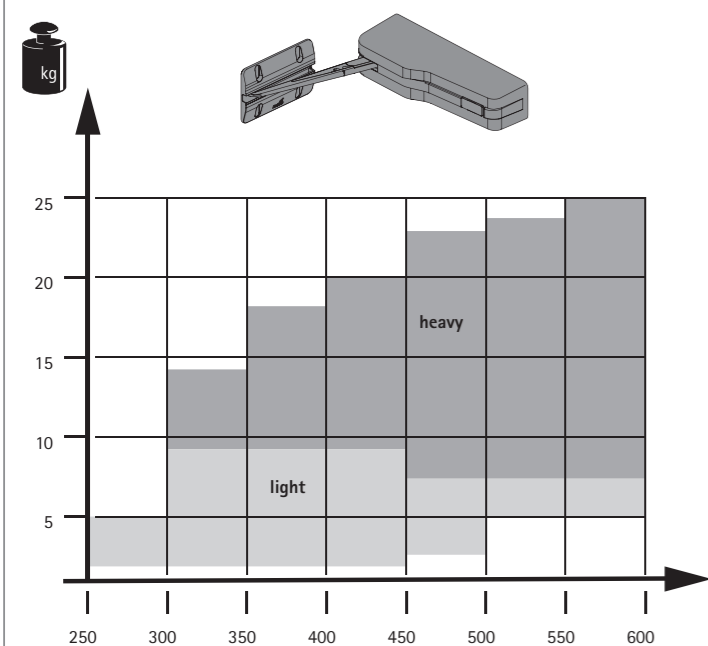
# Folding door system

- ▶ WingLine L / attached to the side
- ▶ Selection guide / planning dimensions in brief

## 4 Guide for selecting comfort units for automatic opening

Door configuration	Handleless Push 	Handle / finger pull Pull 		
Comfort option	Push to move	Pull to move	Pull to move Silent	No comfort unit
Operating principle				
Automatic	←	←	←	←
Manual	- - - →	- - - →	- - - →	- - - →
Operating principle	The door opens automatically in response to a minimal press on the front and softly closes again by hand	The door opens automatically in response to a minimal pull on the handle and softly closes again by hand	The door opens automatically in response to a short pull on the handle and is returned to the closed position in a softly cushioned movement	The door is opened and closed by hand
Type of hinge used (sprung/unsprung) on running component and cabinet hinges	unsprung	unsprung	unsprung	sprung
Using clip to keep doors open	not possible	not possible	not possible	possible
Using stay closed function	required	required	not possible	not possible

## Guide to selecting weight classes



For Push to move, Pull to move and Pull to move Silent to work perfectly for every door wing size and weight, the modules are available in various duty classes.

The 'Technical Assistant' will quickly and easily help you to find the right comfort opening option. Simply choose the set that is appropriate for your particular application using the web link given below or by scanning the QR code.

The factors encountered in practice differ widely from case to case. For this reason, we also recommend a trial door mounting.

### Examples

#### Heavy duty option:

Suitable for large folding doors, e.g. for wardrobes, hallway systems and concealed single galley kitchens

#### Light duty option

Suitable for small folding doors, e.g. for wall units, base units, top mounted units and sideboards

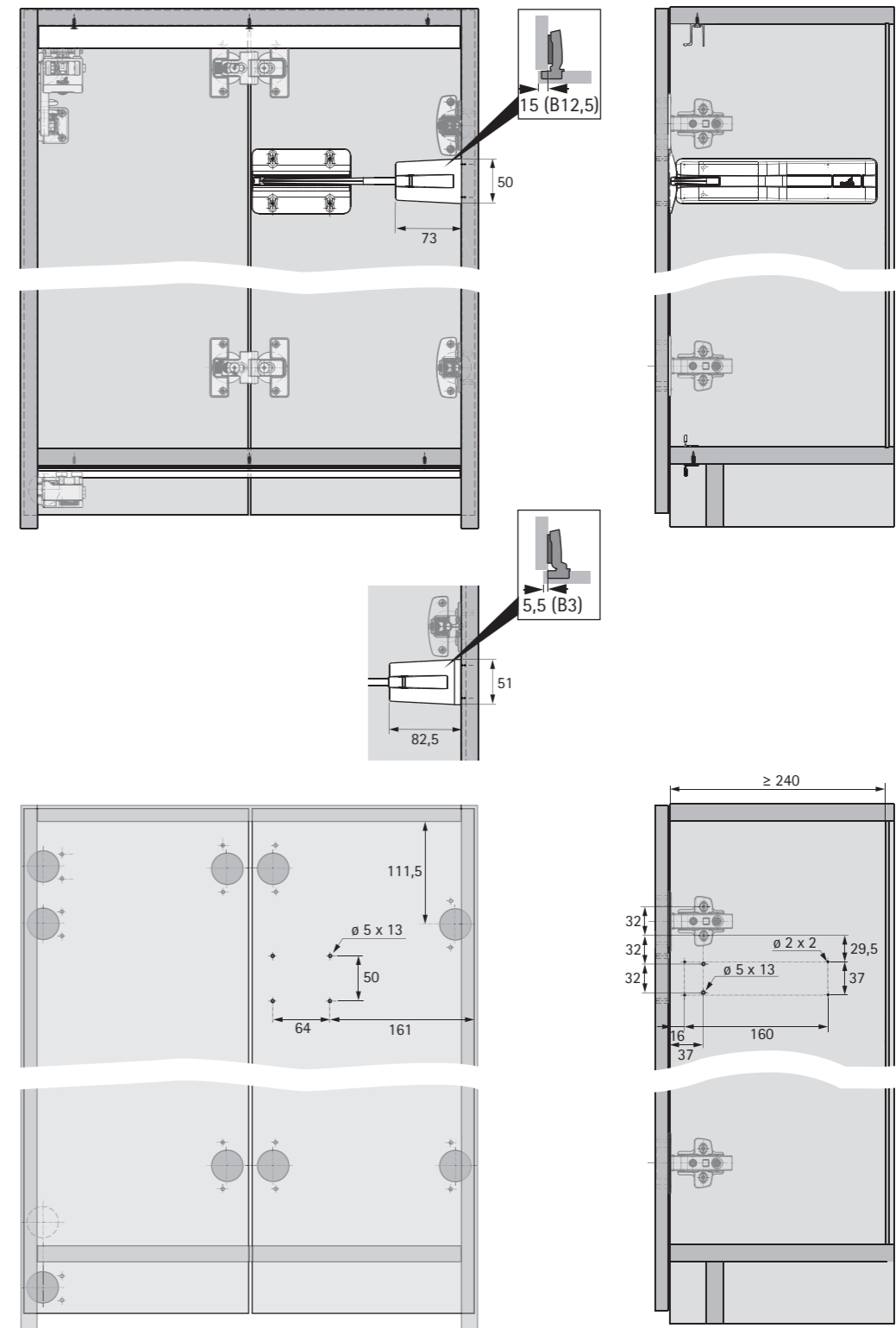
<https://www.hettich.com/short/674f44>



# Folding door system

- ▶ WingLine L / attached to the side
- ▶ Selection guide / planning dimensions in brief

## 4 Dimensions for fitting comfort units

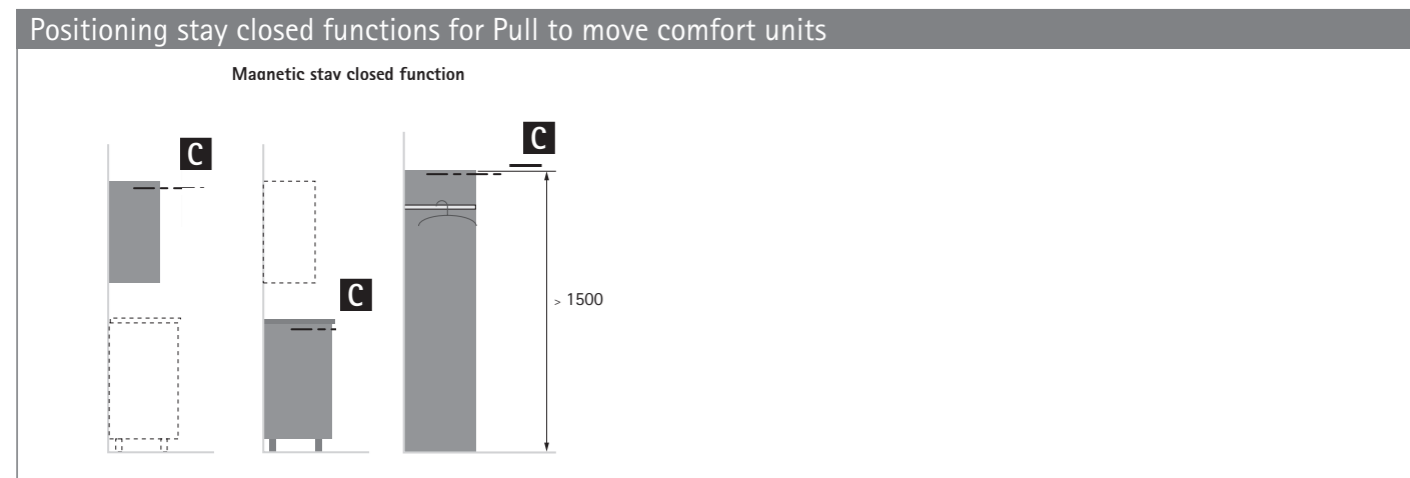
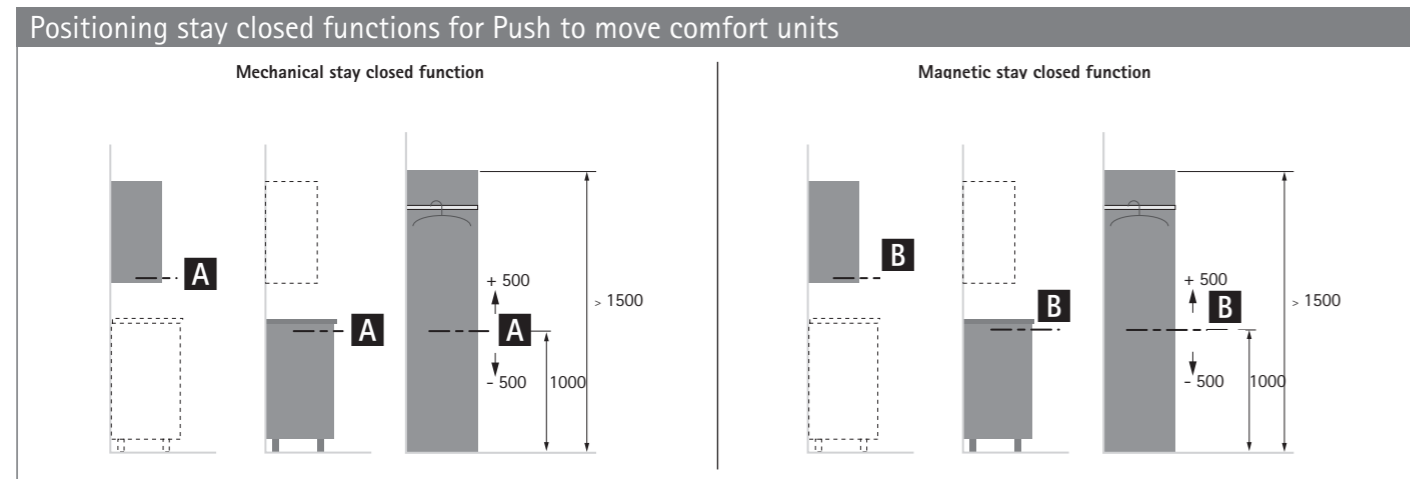




# Folding door system

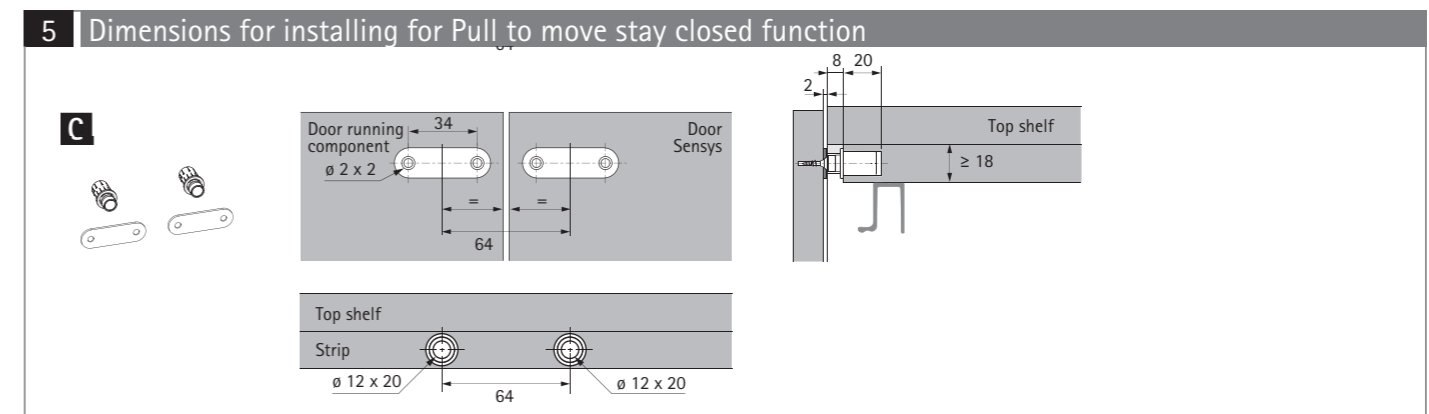
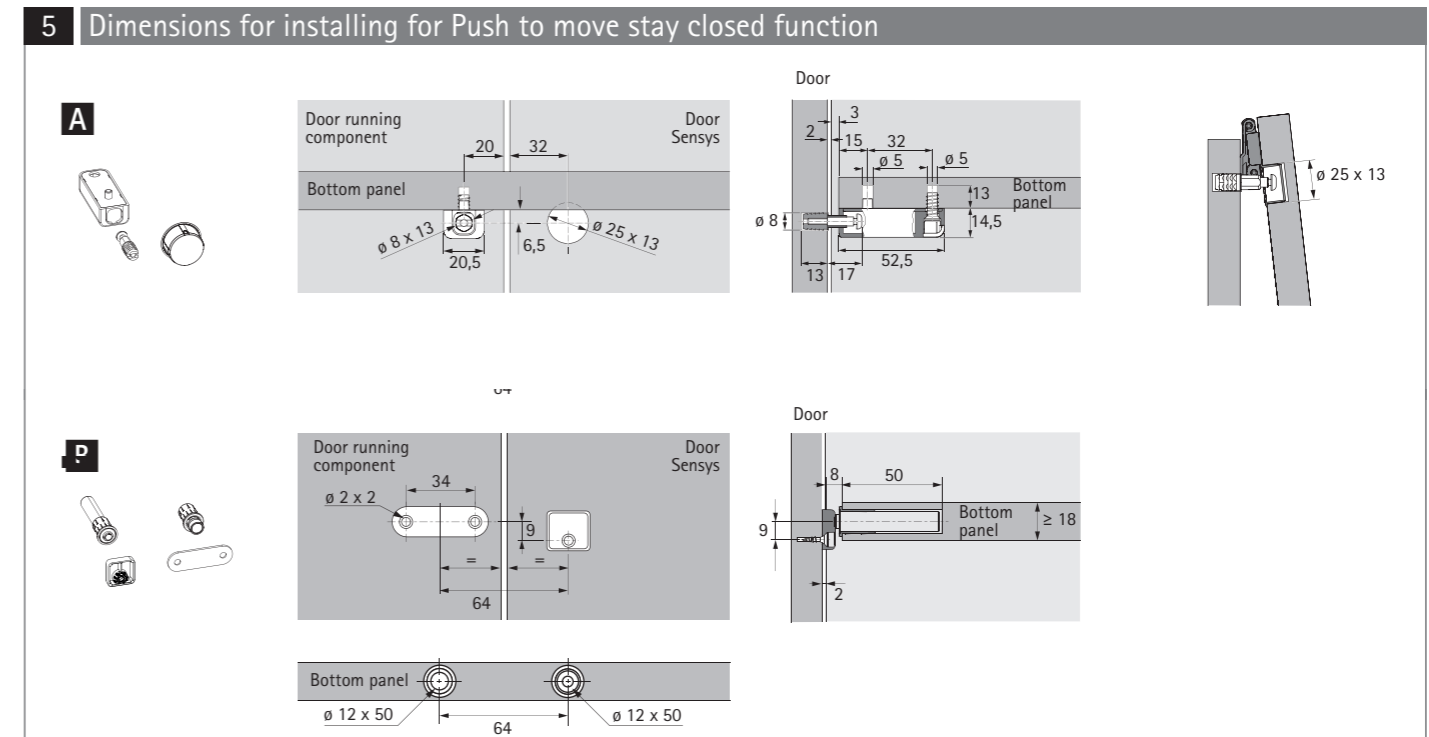
- ▶ WingLine L / attached to the side
- ▶ Selection guide / planning dimensions in brief

5 Guide for selecting stay closed function for automatic opening				
Door configuration	Handleless		Handle / finger pull	
	Push		Pull	
Comfort option	Push to move		Pull to move	Pull to move Silent / No comfort unit
Operating principle	Pin holds the door in closed position, opening it in response to light press	Magnet holds the door in closed position, opening it in response to light press	Magnet holds the door in closed position, opening it in response to light pull	
Technology	Mechanical stay closed function with ejector (recommended for dual bi-fold applications side by side)	Magnetic stay closed function with ejector, delicate designer style option	Magnetic stay closed function, delicate designer style option	
Mounting position	Underneath structural panel	In structural panel	In structural panel	
Structural shelf setback	3mm	8mm	8mm	
Illustration	<b>A</b>	<b>B</b>	<b>C</b>	



# Folding door system

- ▶ WingLine L / attached to the side
- ▶ Selection guide / planning dimensions in brief



## Folding door system

- ▶ WingLine L / attached to the side
- ▶ System components

### 1 Running and guide components

#### Running components, double hinge

- ▶ Design optimised with enhanced rollers and flexible roller mounts for outstanding running performance
- ▶ Please order buffer and cover cap separately

Illustration	Description	Max. door wing weight	Colour	Order no. / mounting side		PU
				left	right	
	▶ With self closing feature (sprung) ▶ For applications without comfort unit	25 kg	white	9 338 565	9 338 909	1/50 ea.
			anthracite	9 338 566	9 338 910	1/50 ea.
	▶ Without self closing feature (unsprung) ▶ For applications with comfort unit	25 kg	white	9 338 568	9 338 942	1/50 ea.
			anthracite	9 338 626	9 338 943	1/50 ea.

#### Cover cap, running components, double hinge

Illustration	Description	Colour	Order no. / mounting side		PU
			left	right	
	▶ Plastic	white	9 329 805	9 329 759	1/500 ea.
		anthracite	9 329 807	9 329 821	1/500 ea.

#### Running components, single hinge

- ▶ Design optimised with enhanced rollers and flexible roller mounts for outstanding running performance
- ▶ Please order buffer and cover cap separately

Illustration	Description	Max. door wing weight	Colour	Order no. / mounting side		PU
				left	right	
	▶ With self closing feature (sprung) ▶ For applications without comfort unit	12 kg	white	9 338 654	9 338 946	1/50 ea.
			anthracite	9 338 655	9 338 947	1/50 ea.
	▶ Without self closing feature (unsprung) ▶ For applications with comfort unit	12 kg	white	9 338 657	9 338 971	1/50 ea.
			anthracite	9 338 658	9 338 976	1/50 ea.

#### Cover cap, running components, single hinge

Illustration	Description	Colour	Order no.	PU
anthracite	9 329 804	1/500 ea.		

## Folding door system

- ▶ WingLine L / attached to the side
- ▶ System components

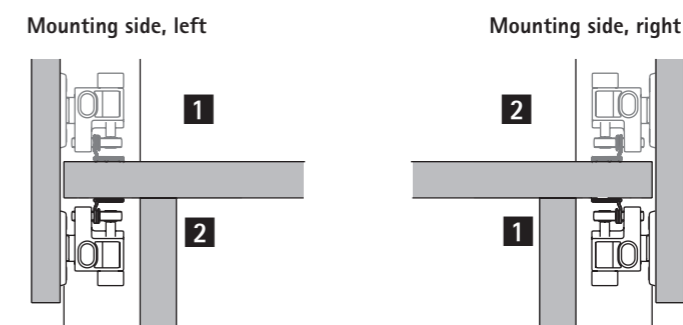
### 1 Running and guide components

#### Guide components

- ▶ Design optimised with enhanced rollers and flexible roller mounts for outstanding running performance
- ▶ Please order buffer and cover cap separately

Illustration	Description	Mounting position	Colour	Order no. / component / mounting side		PU
				1 left	2 right	
	▶ With self closing feature (sprung) ▶ For applications without comfort unit	on plinth	white	9 338 688	9 338 979	1/10 ea.
			anthracite	9 338 690	9 339 051	1/10 ea.
		below plinth	white	9 338 979	9 338 688	1/10 ea.
			anthracite	9 339 051	9 338 690	1/10 ea.
	▶ Without self closing feature (unsprung) ▶ For applications with comfort unit	on plinth	white	9 338 704	9 339 057	1/10 ea.
			anthracite	9 338 706	9 339 059	1/10 ea.
		below plinth	white	9 339 057	9 338 704	1/10 ea.
			anthracite	9 339 059	9 338 706	1/10 ea.

#### Information on ordering guide components




## Folding door system

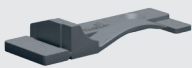
- ▶ WingLine L / attached to the side
- ▶ System components

### 1 Accessories for running and guide components


#### Door damper

Illustration	Advice	Colour	Order no.	PU
	<ul style="list-style-type: none"> <li>▶ One door damper must be fitted for each running and guide component</li> <li>▶ Can be shortened as required to suit door overlay</li> </ul>	white	<b>9 283 267</b>	1/10 ea.
		anthracite	<b>9 339 594</b>	1/10 ea.

#### Stay open element

Illustration	Description	Colour	Order no. / mounting		PU
			left	right	
	<ul style="list-style-type: none"> <li>▶ Reliably holds door set in opened position</li> <li>▶ Prevents the door set from springing back</li> <li>▶ One stay open element must be used for each door set</li> <li>▶ Cannot be used in conjunction with comfort units</li> </ul>	white	<b>9 276 579</b>	<b>9 276 611</b>	1/500 ea.
		anthracite	<b>9 339 596</b>	<b>9 339 648</b>	1/500 ea.

#### Door protection clip

Illustration	Description	Order no.	PU
	<ul style="list-style-type: none"> <li>▶ Prevents a bowing door from colliding with the centre panel on closing</li> <li>▶ Installed on the side panel in 37 or 28 mm hole line</li> <li>▶ Plastic, grey</li> </ul>	<b>9 236 460</b>	1/500 ea.

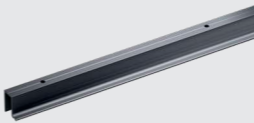
## Folding door system

- ▶ WingLine L / attached to the side
- ▶ System components

### 2 Runner and guide profiles

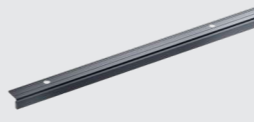
#### Runner profile

- ▶ With predrilled screw on positions
- ▶ Use of a profile support is recommended for hole spaced over 40 mm from outer profile edge

Illustration	Length mm	Finish / colour	Order no.	PU
	2400	white, powder coated	<b>9 244 904</b>	1/100 ea.
		anthracite, powder coated	<b>9 339 606</b>	1/100 ea.

#### Guide profile

- ▶ With predrilled screw on positions
- ▶ Aluminium


Illustration	Length mm	Finish / colour	Order no.	PU
	2400	white, powder coated	<b>9 244 905</b>	1/100 ea.
		anthracite, powder coated	<b>9 339 608</b>	1/100 ea.

## Folding door system


- ▶ WingLine L / attached to the side
- ▶ System components

### 2 Runner and guide profiles

#### Profile support

Illustration	Description	Order no.	PU
	<ul style="list-style-type: none"> <li>▶ Supports the runner profile at the end of the profile</li> <li>▶ Use is recommended if the last screw on position cannot be used in the profile for design reasons</li> <li>▶ Plastic, grey</li> </ul>	9 236 461	1/500 ea.

#### Profile installation aid


Illustration	Description	Order no.	PU
	<ul style="list-style-type: none"> <li>▶ Aid for installing runner and guide profiles</li> <li>▶ Makes profiles easy to install by one person</li> <li>▶ Plastic, black</li> </ul>	9 298 326	1/100 ea.

## Folding door system


- ▶ WingLine L / attached to the side
- ▶ System components

### 3 Centre hinges


#### Cup mounted centre hinge

Illustration	Description	Type	Order no.	PU
	Centre hinge with adjustable reveal and pivot point	for screwing on	0 046 787	1/10 ea.
		for pressing in	0 052 095	1/10 ea.

#### Fast installation centre hinge, for screwing on

Illustration	Article	Finish / colour	Order no.	PU
	1 Hinge component	white	9 330 194	1/500 ea.
		anthracite	9 330 191	1/500 ea.
	2 Hinge component with vertical and reveal adjustment capability	nickel plated	9 332 361	1/500 ea.

#### Drilling template for fast installation centre hinge

Illustration	Description	Order no.	PU
	<ul style="list-style-type: none"> <li>▶ Installation aid for screw mounting fast installation centre hinge</li> <li>▶ Plastic, black</li> </ul>	9 237 039	1/300 ea.

## Folding door system

- ▶ WingLine L / attached to the side
- ▶ System components

### 4 Comfort units

#### Push to move and Pull to move set

- ▶ Second generation in optimised design for outstanding opening performance and new adjustment capabilities
- ▶ Set comprises opening mechanism, cover, door rail, fixing material and drilling template
- ▶ Please order stay closed function separately, see next page

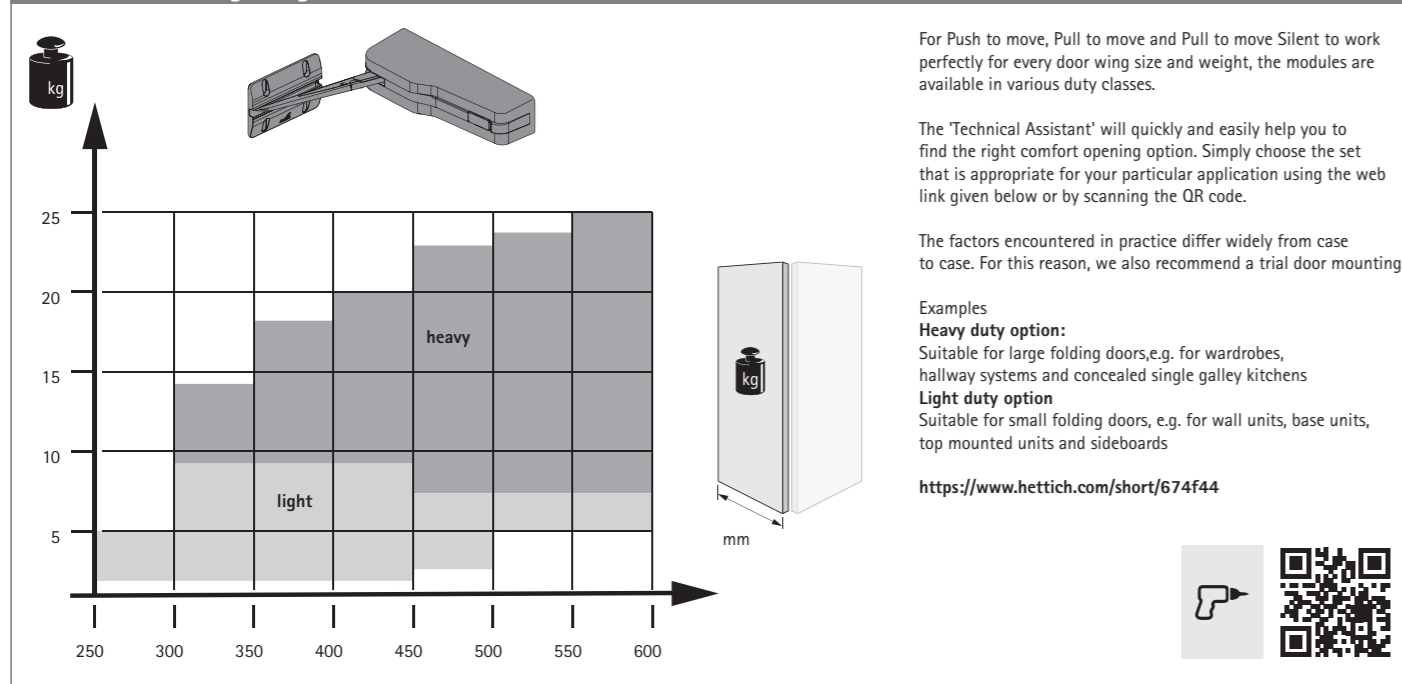
Illustration	Duty rating	Colour	Order no.	PU
	<b>heavy</b> ▶ Suitable for large folding doors, e.g. for wardrobes, hallway systems and concealed single galley kitchens ▶ Observe planning table	white	<b>9 339 521</b>	1 set
		anthracite	<b>9 339 522</b>	1 set
	<b>light</b> ▶ Suitable for small folding doors, e.g. for wall units, base units, top mounted units and sideboards ▶ Observe planning table	white	<b>9 339 517</b>	1 set
		anthracite	<b>9 339 518</b>	1 set

#### Pull to move Silent set

- ▶ Second generation in optimised design for outstanding opening performance and new adjustment capabilities
- ▶ Set comprises opening mechanism, cover, door rail, fixing material and drilling template
- ▶ No stay closed function necessary

Illustration	Duty rating	Colour	Order no.	PU
	<b>heavy</b> ▶ Suitable for large folding doors, e.g. for wardrobes, hallway systems and concealed single galley kitchens ▶ Observe planning table	white	<b>9 339 586</b>	1 set
		anthracite	<b>9 339 587</b>	1 set
	<b>light</b> ▶ Suitable for small folding doors, e.g. for wall units, base units, top mounted units and sideboards ▶ Observe planning table	white	<b>9 339 583</b>	1 set
		anthracite	<b>9 339 584</b>	1 set

### Guide to selecting weight classes



## Folding door system

- ▶ WingLine L / attached to the side
- ▶ System components

### 5 Stay closed functions

#### Stay closed function for Push to move set

- ▶ Essential accessories for Push to move set
- ▶ Set comprises stay closed function and fixing material

Illustration	Type	Colour	Order no.	PU
	<b>Mechanical stay closed function</b> ▶ For screw mounting below the construction shelf panel ▶ Shelf set back by 3 mm	white	<b>9 264 170</b>	50 set
		anthracite	<b>9 264 192</b>	50 set
	<b>Designer magnetic stay closed function</b> ▶ For pressing into the construction shelf ▶ Shelf set back by 8 mm	white	<b>9 282 901</b>	1/10 sets
		anthracite	<b>9 282 902</b>	1/10 sets

#### Stay closed function for Pull to move set

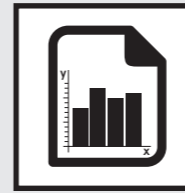
- ▶ Essential accessories for Pull to move set
- ▶ Set comprises stay closed function and fixing material

Illustration	Type	Colour	Order no.	PU
	<b>Designer magnetic stay closed function</b> ▶ For pressing into the construction shelf ▶ Shelf set back by 8 mm	white	<b>9 266 244</b>	1/50 sets
		anthracite	<b>9 266 243</b>	1/50 sets





WingLine 230 is the giant among folding door systems: areas of over 6 m<sup>2</sup> are opened up in a single movement. Perfect for large cabinets in the office or utility room and as an agile room divider. WingLine 230 has exactly what it takes, supporting doors with a leaf weight of 20 to 25 kg. Extremely sturdy: side mounting with Sensys 8645i fast assembly concealed hinge. WingLine 230 requires neither centre panels nor any bottom guide.



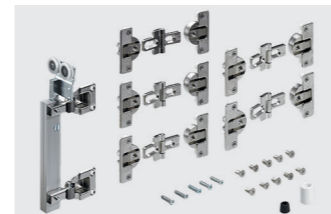
**Performance summary**  
 ▶ Technical details in brief  
 ▶ Door sizes  
 ▶ Operating principle

140 - 141



**Planning dimensions**

142 - 143



**System components**

144



**Installation**

145

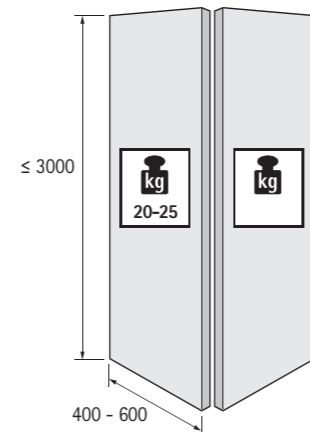
## Folding door system

- ▶ WingLine 230 / Attached to the side
- ▶ Performance summary

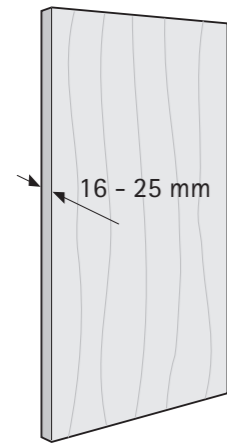
### Technical details in brief

- ▶ Overlay door position
- ▶ For 1 folding door with 2 wings
- ▶ For wooden doors
- ▶ Door wing weight 20 to 25 kg
- ▶ Door height up to 3000 mm
- ▶ Door wing width up to 600 mm
- ▶ Tested with 40000 cycles
- ▶ Suitable for use with Sensys hinge with Silent System

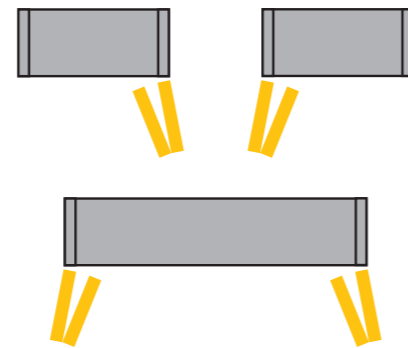
### Door format and door weight



### Door material



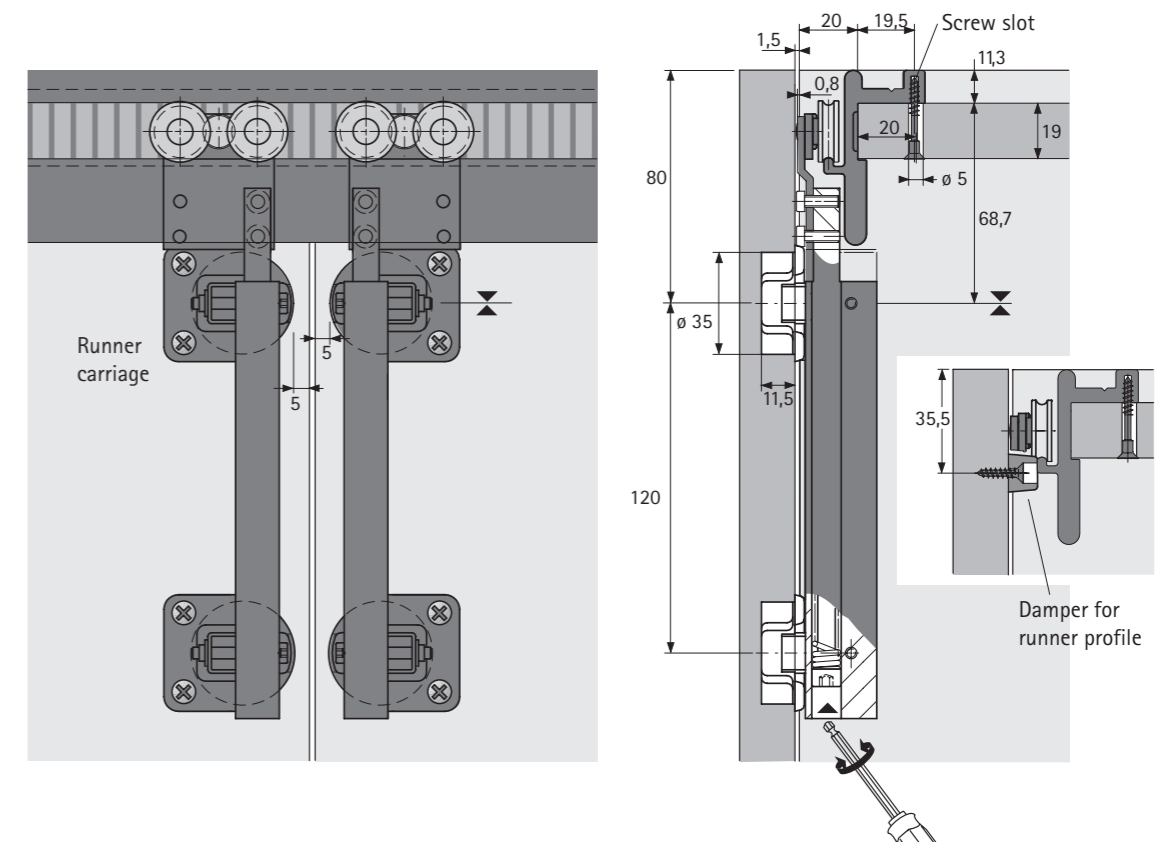
### Number of door wings and door position



## Folding door system

- ▶ WingLine 230 / Attached to the side
- ▶ Performance summary

### Operating principle / 1 folding door with 2 wings

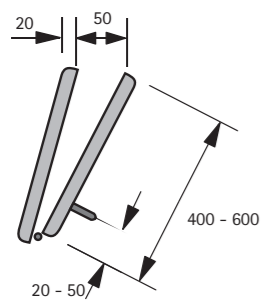


# Folding door system

- ▶ WingLine 230 / Attached to the side
- ▶ Planning dimensions

## WingLine 230 installation dimensions

### 2-wing door set



### 2-wing folding door

Door width 800 - 1200 mm  
 Door weight / wing 20 - 25 kg  
 Door wing height 2000 - 3000 mm

#### Calculation of door width / door wing width

##### 2 folding doors with 4 wings

Door width = inside carcase width + (2 x overlay<sup>1</sup>)  
 Door panel width = (inside carcase width - 3 x reveal + 2 x overlay<sup>1</sup>) ÷ 4

Overlay<sup>1</sup>: max. 15 mm, C dimension 5 mm

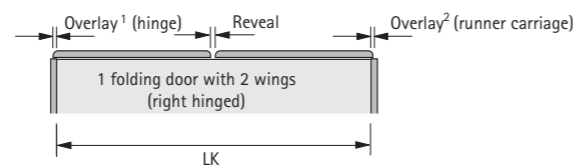
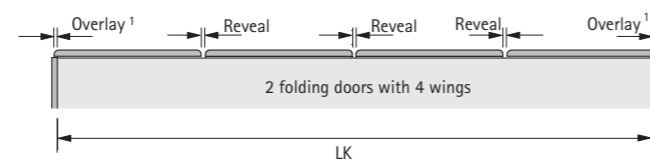
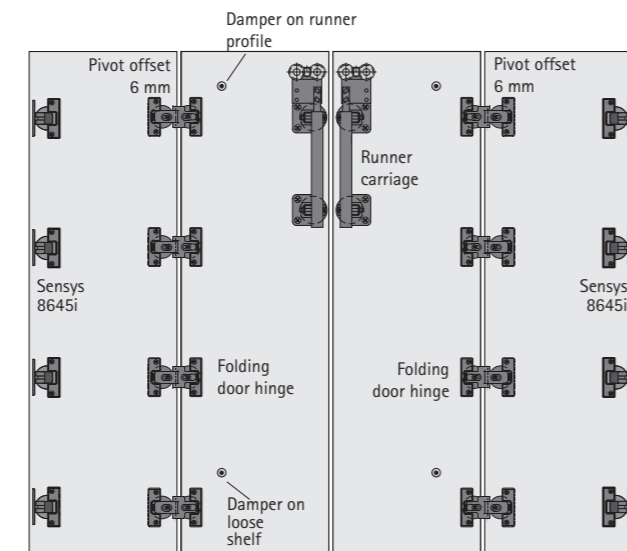
##### 1 folding door with 2 wings

Door width = inside carcase width + (overlay<sup>1</sup> + overlay<sup>2</sup>)  
 Door panel width = (inside carcase width - 1 x reveal + overlay<sup>1</sup> + overlay<sup>2</sup>) ÷ 2

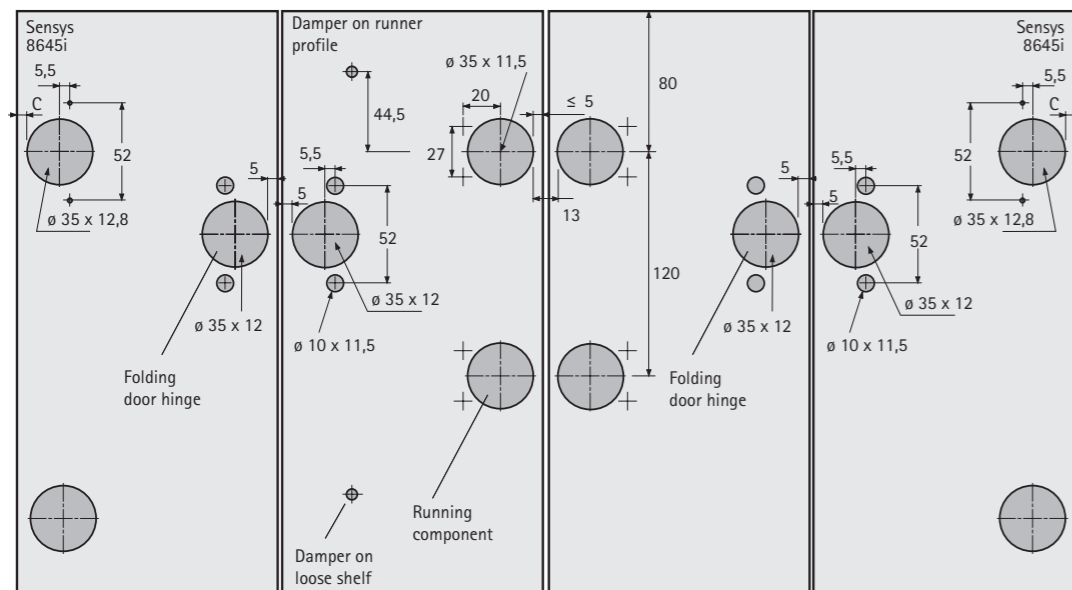
Overlay<sup>1</sup>: max. 15 mm, C dimension 5 mm

Overlay<sup>2</sup>: max. 4 mm

### 4-wing folding door



### Drilling patterns

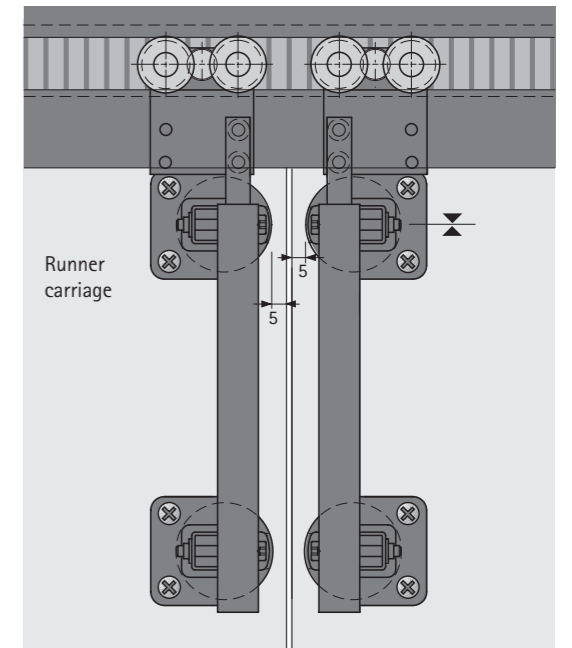
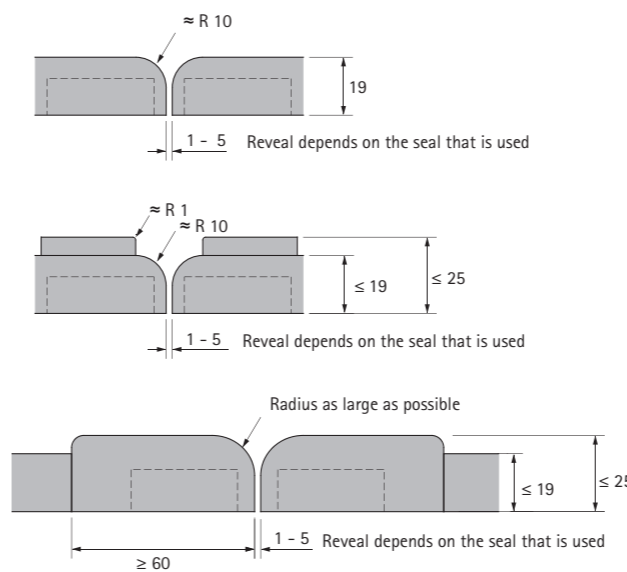


# Folding door system

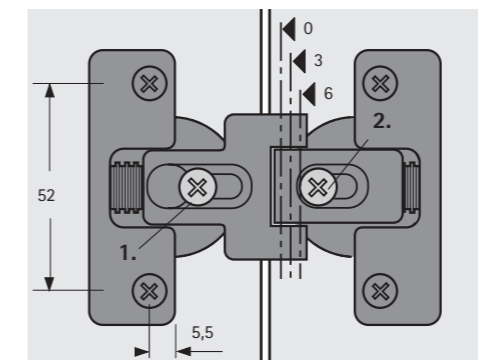
- ▶ WingLine 230 / Attached to the side
- ▶ Planning dimensions

## WingLine 230 installation dimensions

### Door wing contours and reveals (as finger protection)



### Folding door hinge Mounting side right



1. Reveal adjustment: infinitely from minimum reveal to + 4 mm.
2. Gradual adjustment of the pivot offset (0 / 3 / 6) allows door protrusion to be set to 3, 6 or 12 mm.

1. Reveal adjustment
2. Pivot offset

Pivot offset mm	Door protrusion mm
0	3
3	6
6	12





## Folding door system

- ▶ WingLine 230 / Attached to the side
- ▶ System components

### Set WingLine 230



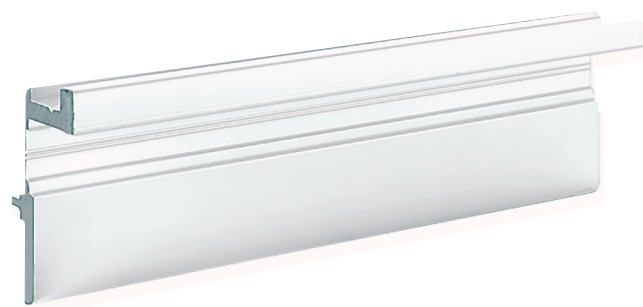
- ▶ Set contains all the parts required for 1 folding sliding door with 2 panels, right or left, and 2 folding doors with 2 panels each on right and left

Set comprises:

- ▶ 1 / 2 running components
- ▶ 5 / 10 folding door hinges for pressing in
- ▶ 1 / 2 dampers on the loose shelf
- ▶ 1 / 2 dampers on the runner profile
- ▶ Fixing material

Cabinet side	Order no.	PU
left	0 010 083	1 set
right	0 010 084	1 set
left and right	0 079 015	1 set

### Runner profile



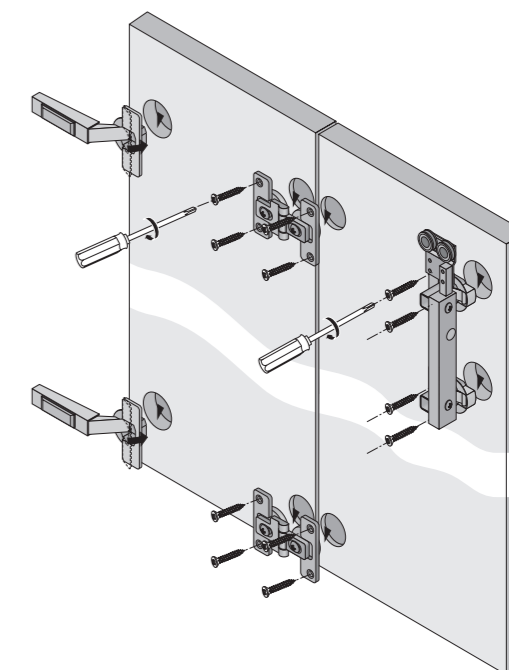
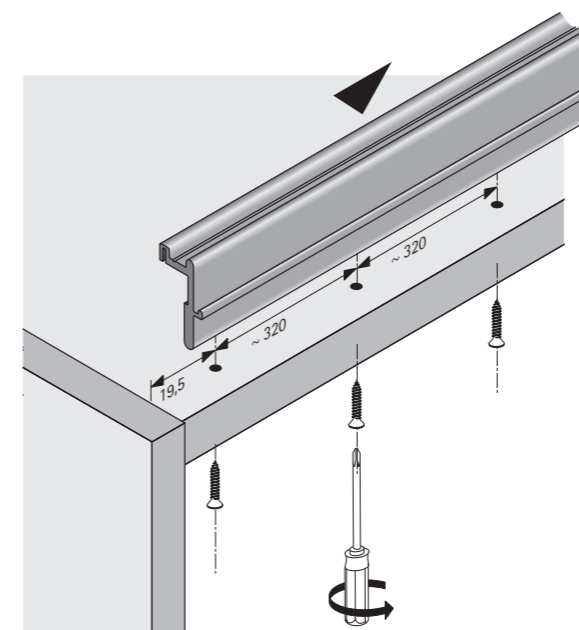
- ▶ For 19 mm top shelf
- ▶ For screwing on
- ▶ Length 2,400 mm

Length mm	Colour	Order no.	PU
1200	white	1 076 849	1/4 ea.
2400	white	0 079 013	1/4 ea.

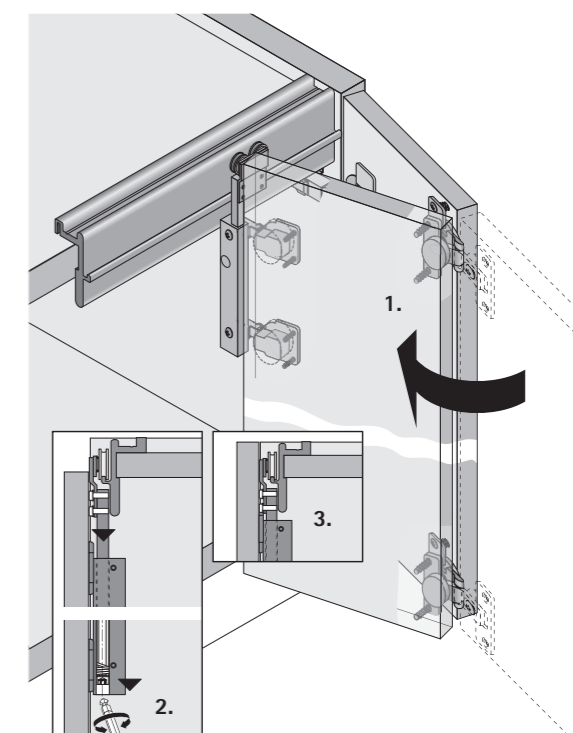
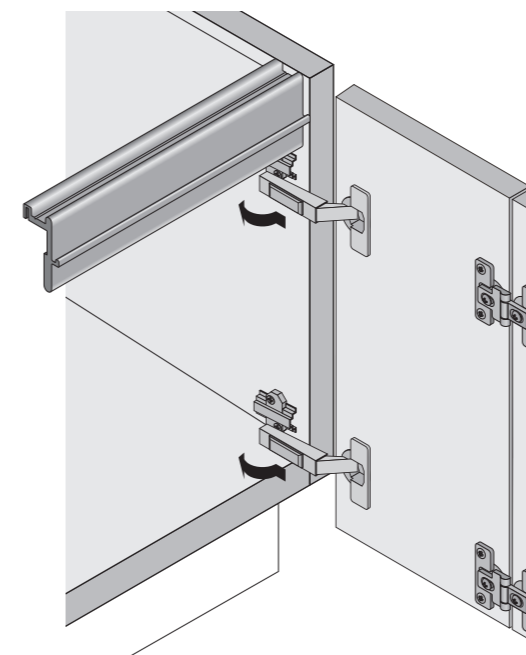
## Folding door system

- ▶ WingLine 230 / Attached to the side
- ▶ Installation

### Installing runner profile / preparing door set



### Installation door set



## Folding door system

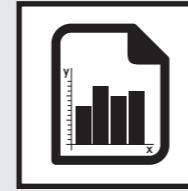
- ▶ Wing 77 / freely moveable
- ▶ All the benefits at a glance



With Wing 77, you can produce cabinet fronts with two door leaves (no more than 25 kg each) or four door leaves (no more than 20 kg each). The clever part: the entire door set is free moving! The door set is unattached to the cabinet side, and can also be interlinked.

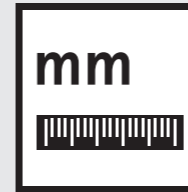
## Folding door system

- ▶ Wing 77 / freely moveable
- ▶ Summary



**Performance summary**  
▶ Technical details in brief  
▶ Door sizes  
▶ Operating principle

148 - 149



**Planning dimensions**

150 - 151



**System components**

152 - 153



**Installation**

154 - 156

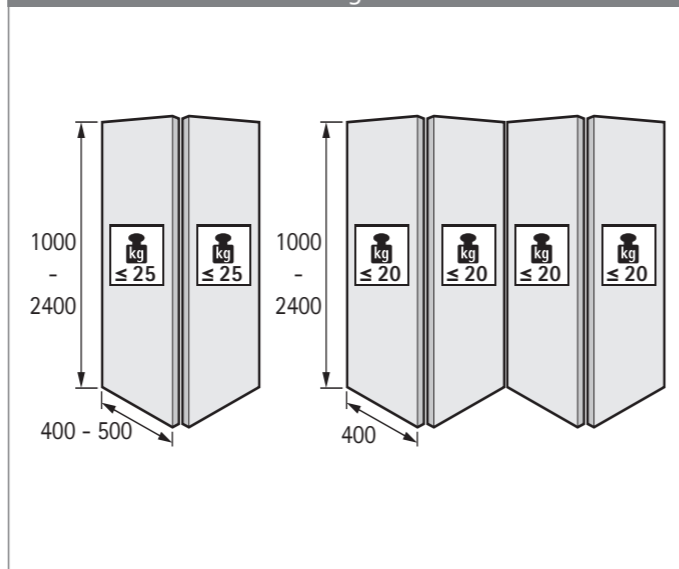
## Folding door system

- ▶ Wing 77 / freely moveable
- ▶ Performance summary

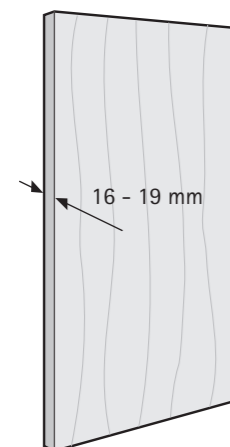
### Technical details in brief

- ▶ Overlay door position
- ▶ Folding door system with 2 or 4 door wings
- ▶ For wooden doors
- ▶ Door wing weight up to 20 kg (25 kg) with 4 (2) door wings
- ▶ Door height up to 2400 mm
- ▶ Door wing width up to 400 mm (500 mm) with 4 (2) door wings
- ▶ Height adjustment +/- 3 mm
- ▶ Centre panels recessed 40 mm
- ▶ Tested with 40000 cycles

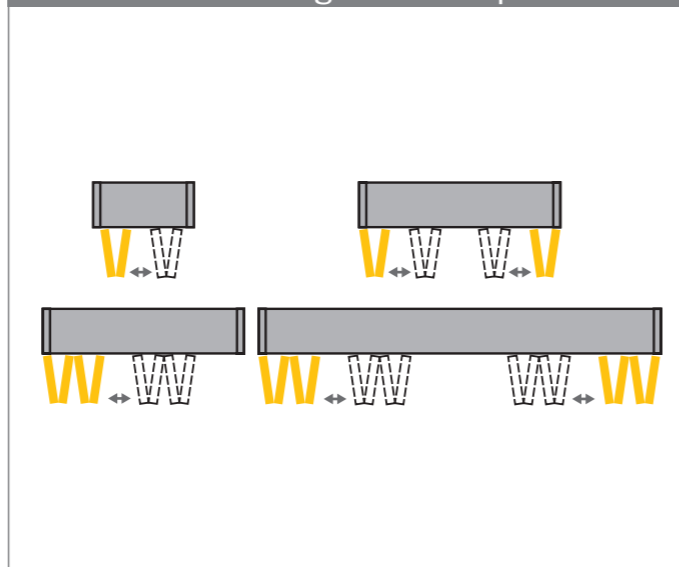
### Door format and door weight



### Door material



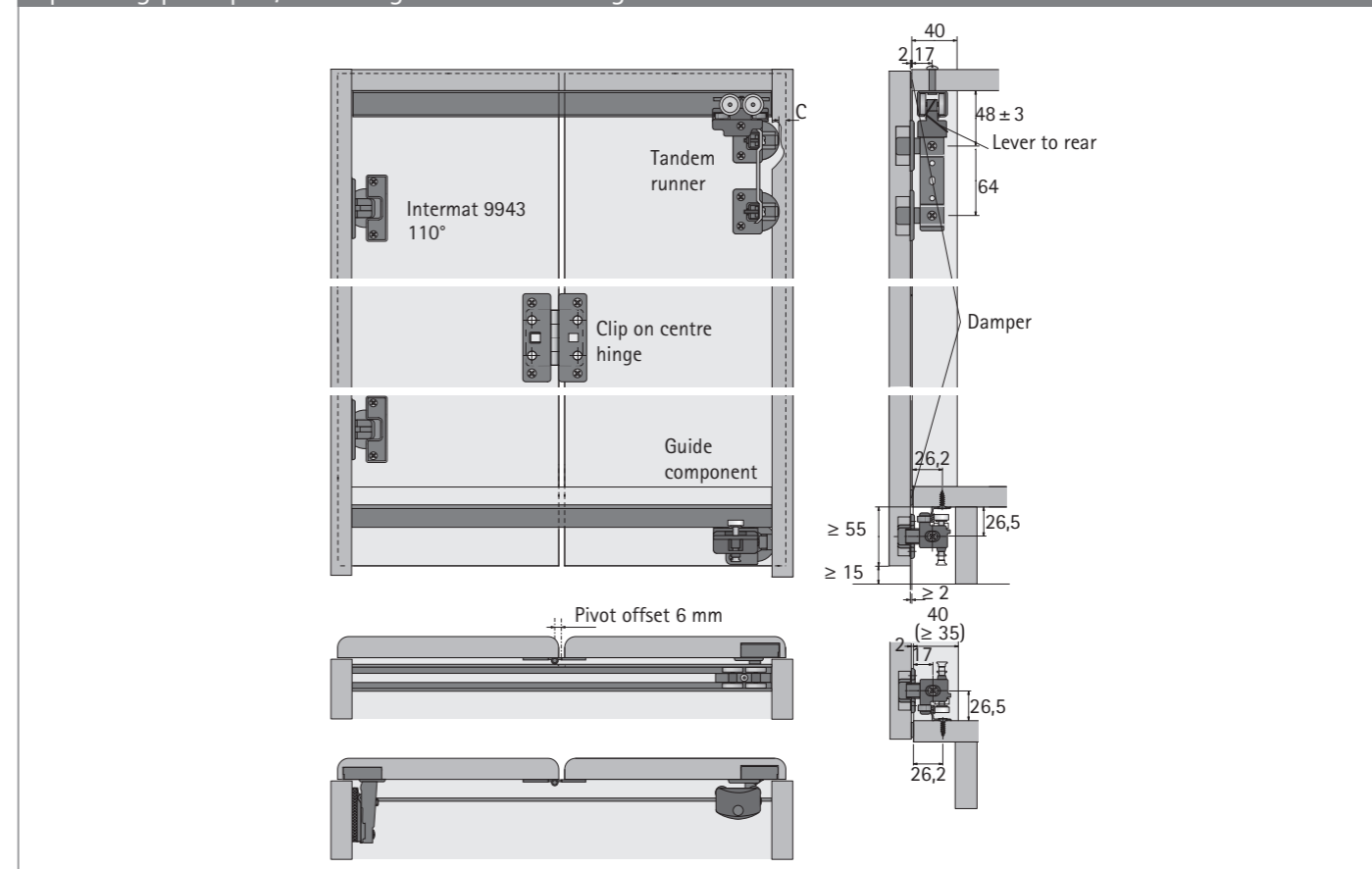
### Number of door wings and door position



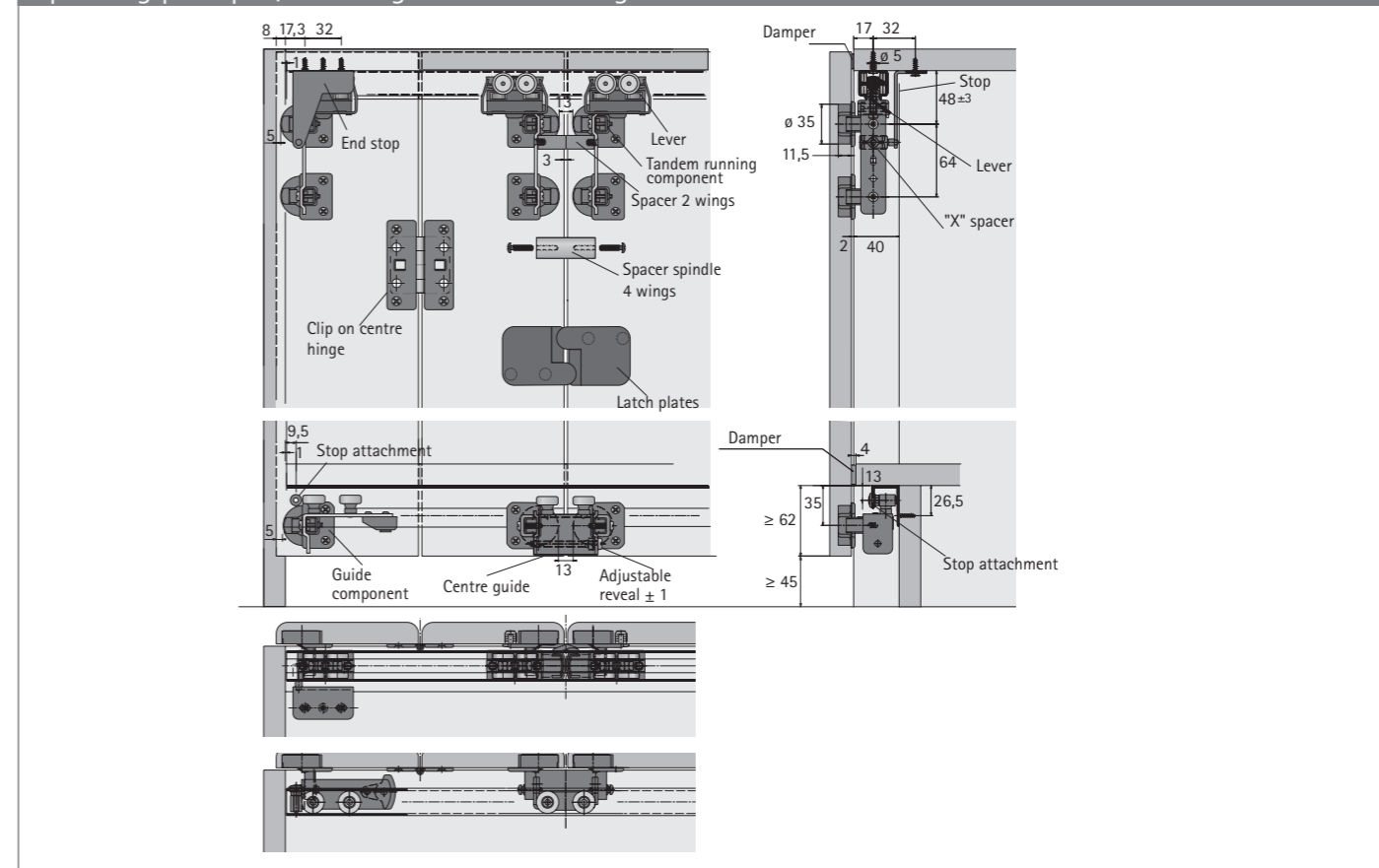
## Folding door system

- ▶ Wing 77 / freely moveable
- ▶ Performance summary

### Operating principle / 1 folding door with 2 wings



### Operating principle / 1 folding door with 4 wings

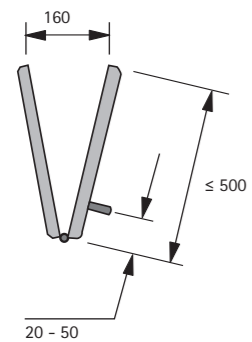


# Folding sliding door system

- ▶ Wing 77 / freely moveable
- ▶ Planning dimensions

## Installation dimensions for Wing 77 for 1 folding door with 2 wings

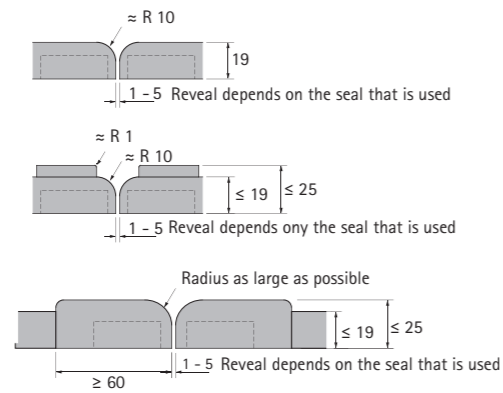
### 2-wing door set



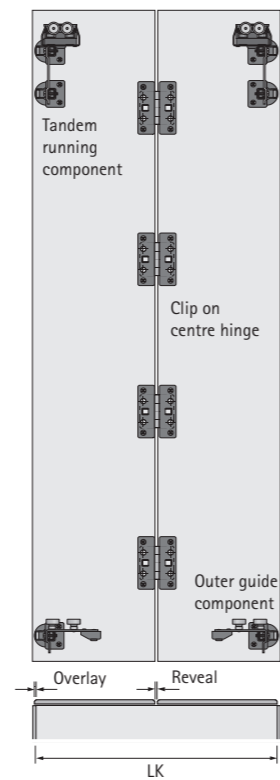
### 2-wing folding door

Door width 1000 mm max.  
 Door weight / wing 25 kg max.  
 Door wing height 2400 mm max.

### Door wing contours and reveals (as finger protection)



### 2-wing folding door

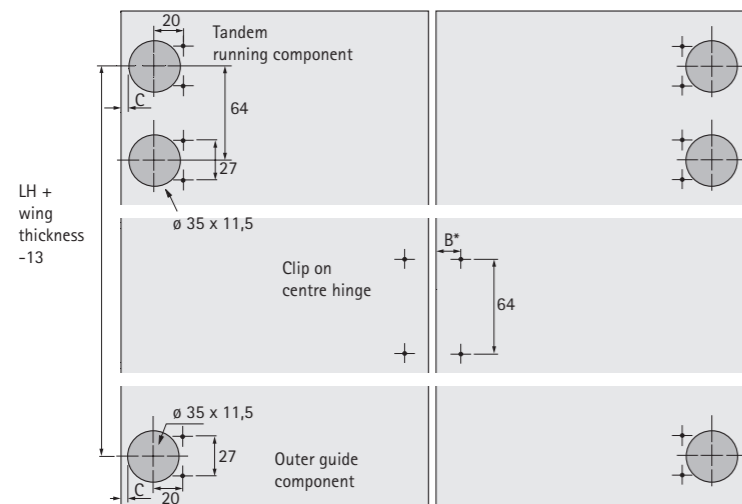


### Calculation of door width / door wing width

Door width = inside carcass width + (2 x overlay\*)  
 Door wing width = (inside carcass width - 1 x reveal + 2 x overlay\*) ÷ 2

\* Overlay: max. 15 mm, C dimension 6 mm

### Drilling patterns



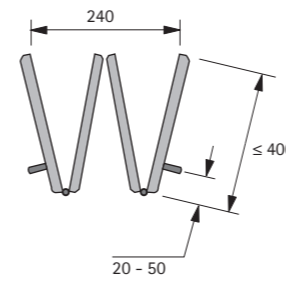
Drill hole spacing * mm	16,5	17	17,5	18	18,5
Reveal mm	5	4	3	2	1

# Folding sliding door system

- ▶ Wing 77 / freely moveable
- ▶ Planning dimensions

## Installation dimensions for Wing 77 for 1 folding door with 4 leaves

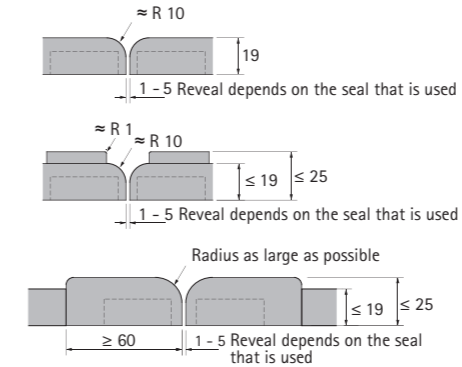
### 4-wing door set



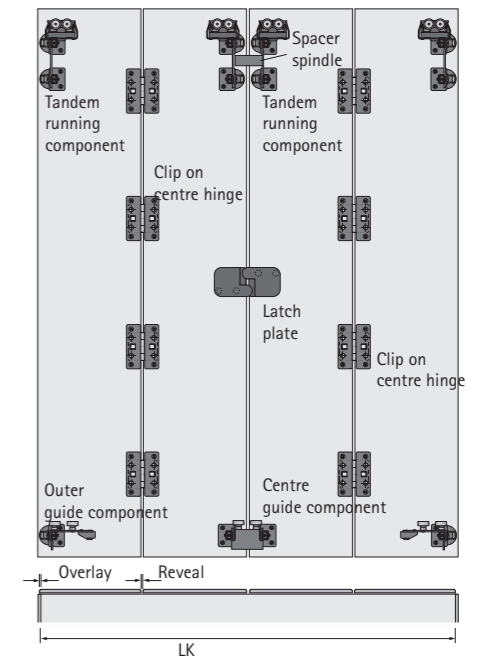
### 4-wing folding door

Door width 1600 mm max.  
 Door weight / wing 20 kg max.  
 Door wing height 2400 mm max.

### Door wing contours and reveals (as finger protection)



### Folding door with 4 wings



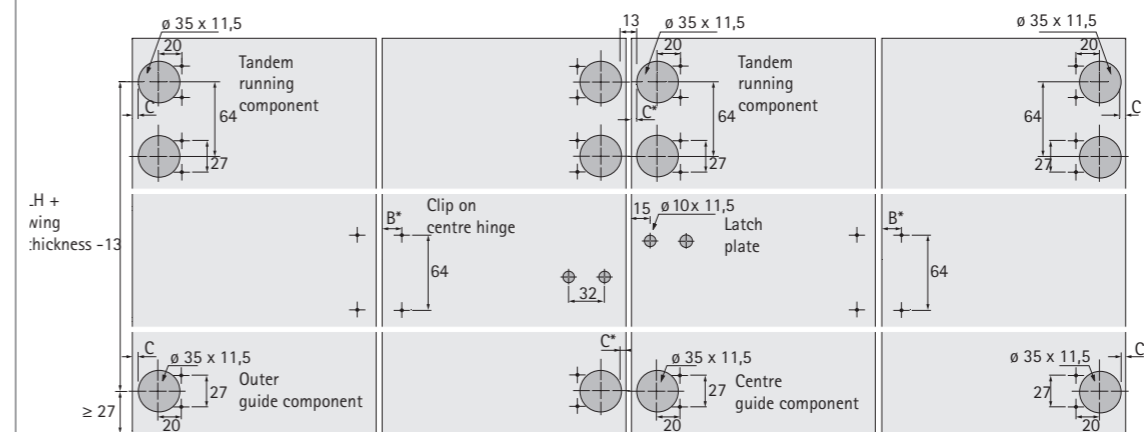
### Calculation of door width / door wing width

Door width = inside carcass width + (2 x overlay\*)

Door wing width = (inside carcass width - 3 x reveal + 2 x overlay\*) ÷ 2

\* Overlay: max. 15 mm, C dimension 6 mm

### Drilling patterns



* B drill hole spacing mm	16,5	17	17,5	18	18,5
* C drill hole spacing mm	4	4,5	5	5,5	6
Reveal mm	5	4	3	2	1



## Folding door system

- ▶ Wing 77 / freely moveable
- ▶ System components

### Set 1 Wing 77



- ▶ Set contains all the parts required for 1 folding sliding door with 2 panels
- ▶ The inside carcass width of 800 mm should not be exceeded. The top panel must be designed so that it cannot sag by more than 1.5 mm under the weight of the folded doors.

#### Set comprises:

- ▶ 2 tandem running components for fast installation
- ▶ 2 brackets for running component with + / - 5 mm height adjustment capability
- ▶ 2 guide components
- ▶ 4 clip on centre hinges
- ▶ 4 spacers
- ▶ 4 end stops
- ▶ 4 noise absorbing felts (for damping doors against the carcass) for positioning at the top and bottom on each door wing

Order no.	PU
0 070 986	1 set

### Set 2 Wing 77



- ▶ Set contains all the parts required for 1 folding sliding door with 4 panels
- ▶ The inside carcass width of 800 mm should not be exceeded. The top panel must be designed so that it cannot sag by more than 1.5 mm under the weight of the folded doors.

#### Set comprises:

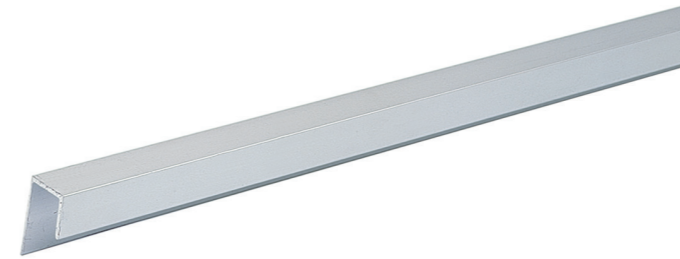
- ▶ 4 tandem running components for fast installation
- ▶ 4 supports for running component with + / - 5 mm height adjustment capability
- ▶ 1 spacer spindle for tandem running component
- ▶ 2 guide components and centre guide component
- ▶ 2 latch plates
- ▶ 8 clip on centre hinges
- ▶ 4 spacers
- ▶ 4 end stops
- ▶ 8 noise absorbing felts (for damping doors against the carcass) for positioning at the top and bottom on each door wing

Order no.	PU
0 070 987	1 set

## Folding door system

- ▶ Wing 77 / freely moveable
- ▶ System components

### Guide profile



- ▶ For screwing on, screw on position predrilled
- ▶ Length 3200 mm

Order no.	PU
0 070 985	1/4 ea.

### Runner profile



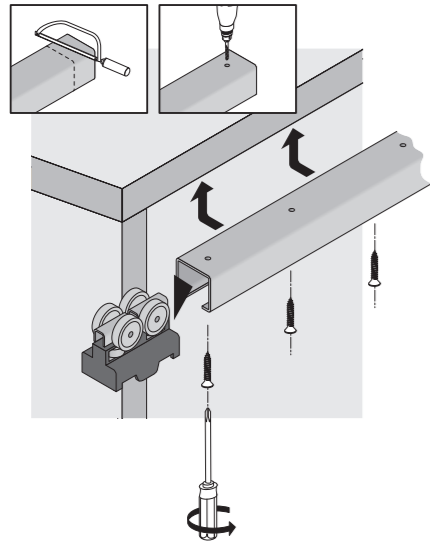
- ▶ For screwing on, screw on positions predrilled
- ▶ Length 3200 mm

Order no.	PU
9 193 574	1/4 ea.

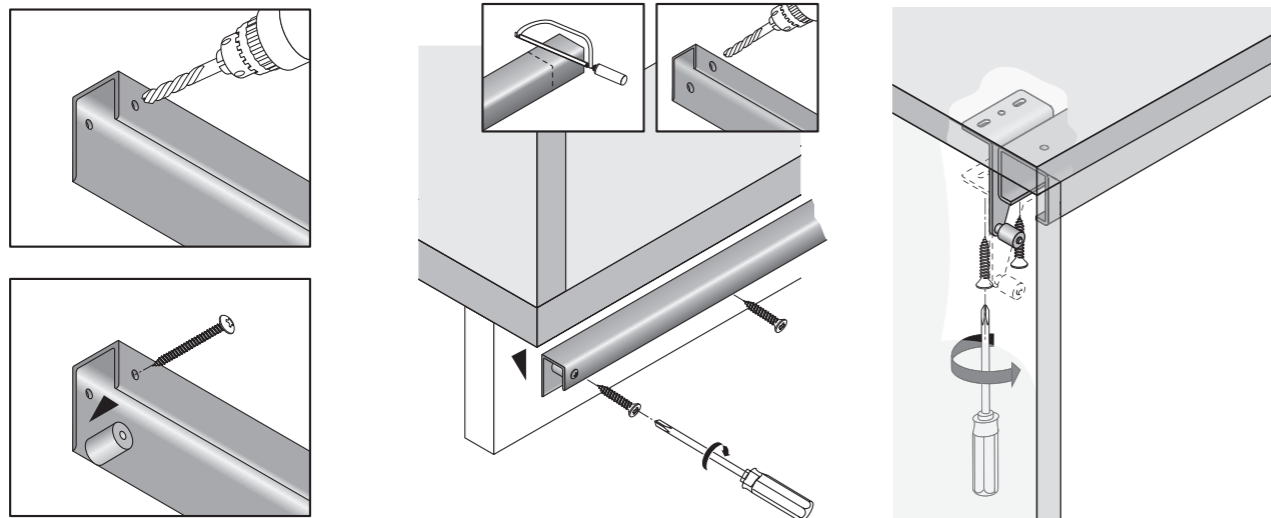
## Folding sliding door system

- ▶ Wing 77 / freely moveable
- ▶ Installation

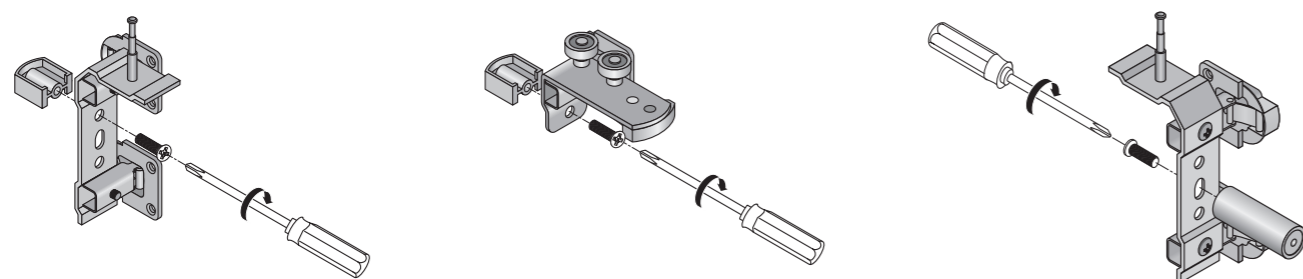
### Installation runner profile



### Installation runner profile and end stop



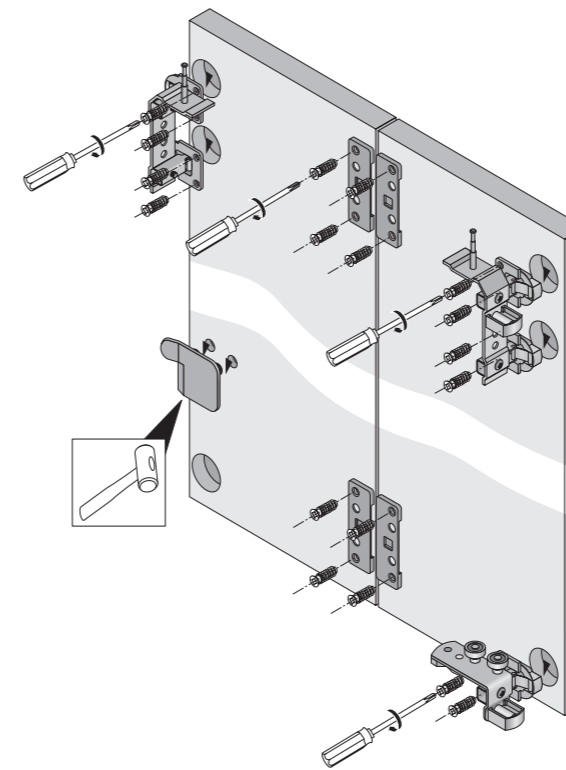
### Installation spacers and spacer spindle



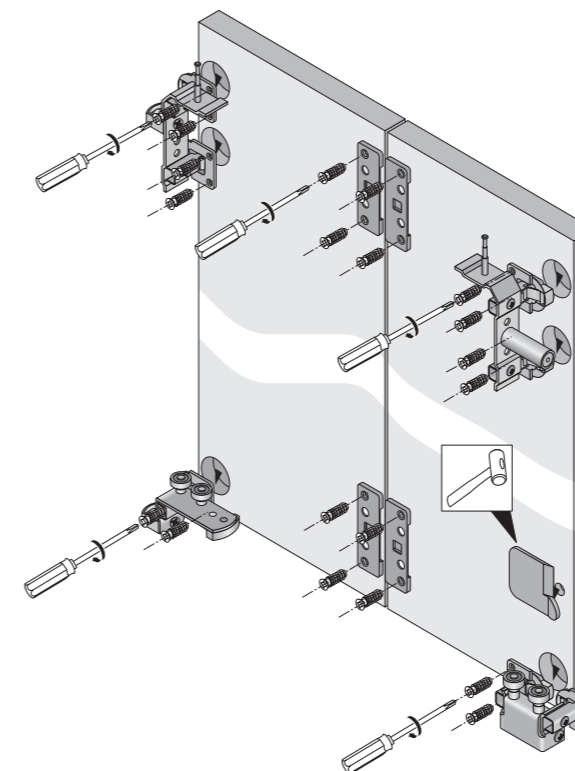
## Folding sliding door system

- ▶ Wing 77 / freely moveable
- ▶ Installation

### Preparing door set, left



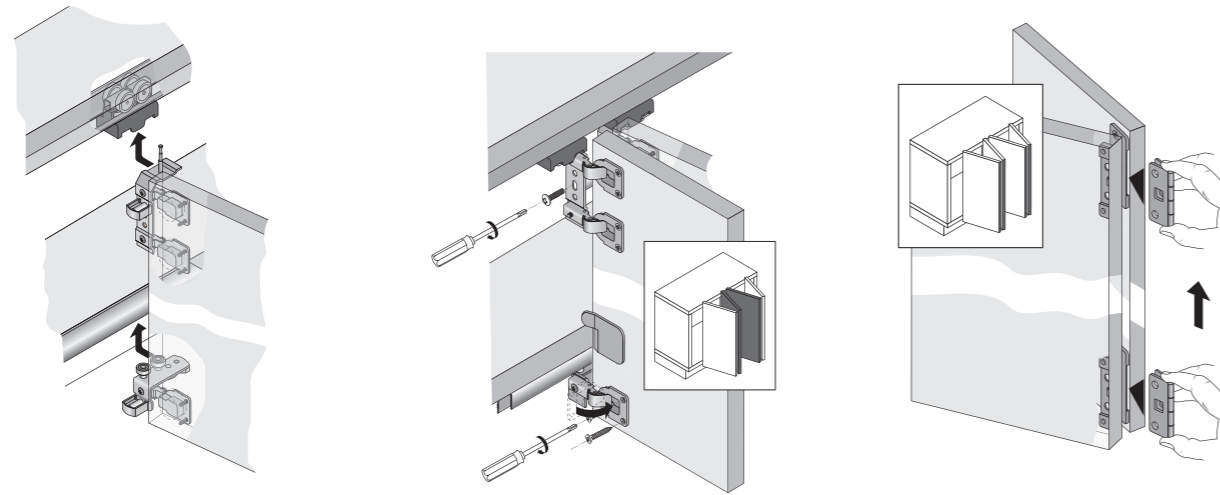
### Preparing door set, right



## Folding sliding door system

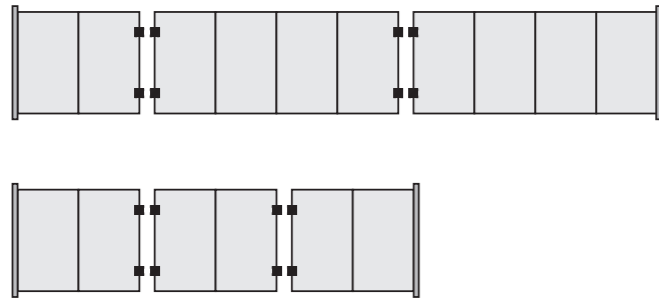
- ▶ Wing 77 / freely moveable
- ▶ Installation

### Installation door sets



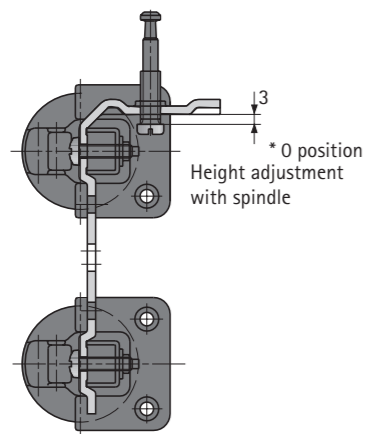
### Door combinations

Installation spacers X (reveal is not adjustable) on the running and guide components permits door combinations on uninterrupted runner and guide profiles.



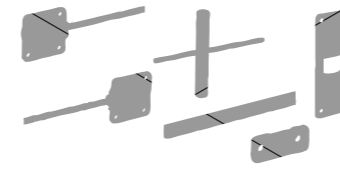
### Installation information

Note: installation and removal are only possible in 0-position, i.e. with 3 mm clearance



## Sliding door system

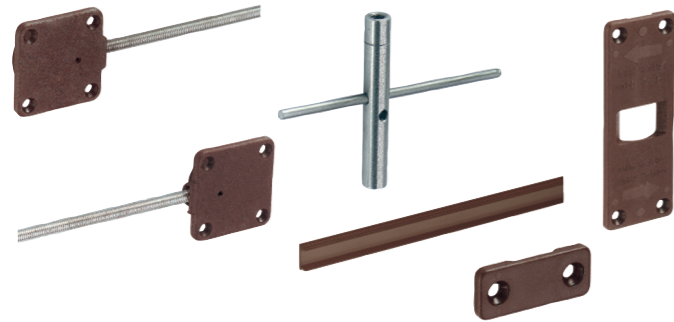
- ▶ Accessories



Other accessories

158

Adjustment fitting, plastic



- For straightening distorted furniture doors
- Can also be used as a precautionary measure to prevent doors from warping
- For door / front panel thicknesses from 16 mm
- Maximum door / front panel height 2600 mm
- Installing the fitting is simple and straightforward: a pair of threaded rods, one with a right hand thread and one with a left-hand thread, are fed into a clamping sleeve.
- The threaded rods are each additionally supported in a housing that slots into a 35 mm drilling where it is screwed into place.
- Turning the clamping sleeve produces tensile or compressive force that corrects warping or bowing.
- The housing, clamping sleeve and threaded rods are covered to prevent damage to wardrobe and laundry
- The adjustment fitting can also be used horizontally
- It is recommended that 2 vertical adjustment fittings are installed near the outer edge. On large, wide doors, 2 horizontal fittings can be used instead or in addition

Set comprises:

- 1 housing with right hand threaded rod

Order no.	PU
0 045 198	2 set



Technical information

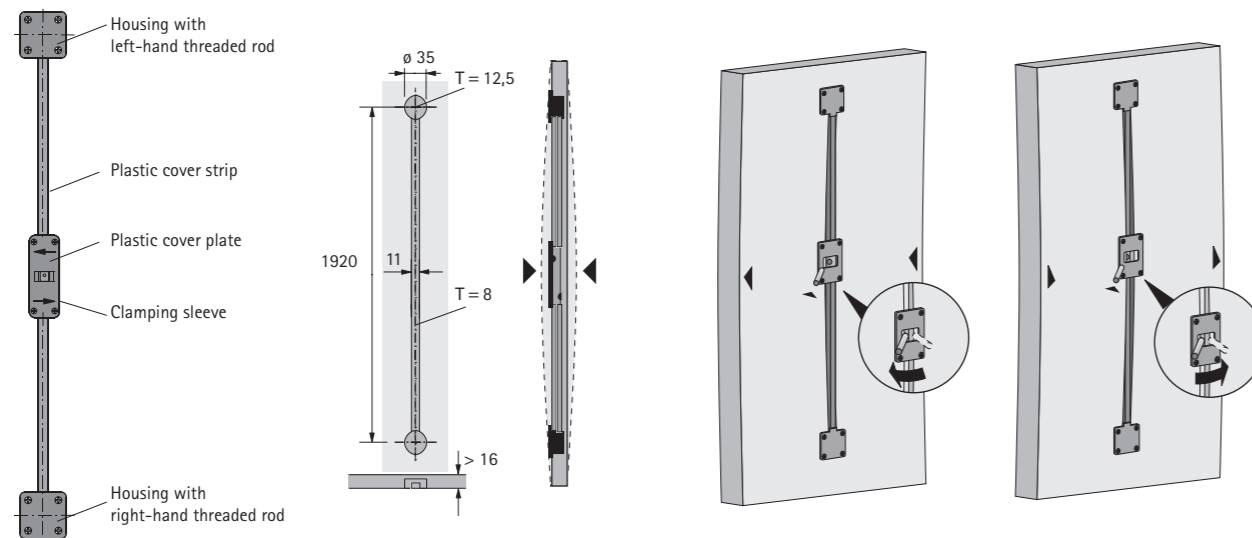
- Calculating door weights
- Design advice for sliding door systems
- Quality criteria

160 - 161

162 - 164

165

Technical information





## Sliding and folding door systems

- ▶ Technical information
- ▶ Calculating door weights

### Weight table for chipboard 19 mm

Door weight in kg (density = 700 kg/m<sup>3</sup>)

Door height mm	Door width mm														
	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000
300	1,2	1,6	2,0	2,4	2,8	3,2	3,6	4,0	4,4	4,8	5,2	5,6	6,4	7,2	8,0
400	1,6	2,1	2,7	3,2	3,7	4,3	4,8	5,3	5,9	6,4	6,9	7,5	8,5	9,6	10,6
500	2,0	2,7	3,3	4,0	4,7	5,3	6,0	6,7	7,3	8,0	8,7	9,3	10,6	12,0	13,3
600	2,4	3,2	4,0	4,8	5,6	6,4	7,2	8,0	8,8	9,6	10,4	11,2	12,8	14,4	16,0
700	2,8	3,7	4,7	5,6	6,6	7,5	8,4	9,3	10,2	11,2	12,1	13,0	14,9	16,8	18,6
800	3,2	4,3	5,3	6,4	7,5	8,5	9,6	10,6	11,7	12,8	13,8	14,9	17,0	19,2	21,3
900	3,6	4,8	6,0	7,2	8,4	9,6	10,8	12,0	13,2	14,4	15,6	16,8	19,2	21,6	23,9
1000	4,0	5,3	6,7	8,0	9,3	10,7	12,0	13,3	14,6	16,0	17,3	18,6	21,3	23,9	26,6
1100	4,4	5,9	7,3	8,8	10,2	11,7	13,2	14,6	16,1	17,6	19,0	20,5	23,4	26,3	29,3
1200	4,8	6,4	8,0	9,6	11,2	12,8	14,4	16,0	17,6	19,2	20,8	22,3	25,5	28,7	31,9
1300	5,2	6,9	8,7	10,4	12,1	13,8	15,6	17,3	19,0	20,8	22,5	24,2	27,7	31,1	34,6
1400	5,6	7,5	9,3	11,2	13,0	14,9	16,8	18,6	20,5	22,3	24,2	26,1	29,8	33,5	37,2
1600	6,4	8,5	10,7	12,8	15,0	17,0	19,2	21,3	23,4	25,6	27,7	29,8	34,1	38,3	42,6
1800	7,2	9,6	12,0	14,4	16,8	19,2	21,6	24,0	26,3	28,7	31,1	33,5	38,3	43,1	47,9
2000	8,0	10,6	13,3	16,0	18,6	21,3	23,9	26,6	29,3	31,9	34,6	37,2	42,6	47,9	53,2
2200	8,8	11,7	14,6	17,6	20,5	23,4	26,3	29,3	32,2	35,1	38,0	41,0	46,8	52,7	58,5
2400	9,6	12,8	16,0	19,2	22,3	25,5	28,7	31,9	35,1	38,3	41,5	44,7	51,1	57,5	63,9
2600	10,4	13,8	17,3	20,8	24,2	27,7	31,1	34,6	38,0	41,5	45,0	48,4	55,3	62,2	69,2

### Weight table for MDF 19 mm

Door weight in kg (density = 900 kg/m<sup>3</sup>)

Door height mm	Door width mm														
	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000
300	1,5	2,1	2,6	3,1	3,6	4,1	4,6	5,1	5,6	6,2	6,7	7,2	8,2	9,2	10,3
400	2,1	2,7	3,4	4,1	4,8	5,5	6,2	6,8	7,5	8,2	8,9	9,6	10,9	12,3	13,7
500	2,6	3,4	4,3	5,1	6,0	6,8	7,7	8,6	9,4	10,3	11,1	12,0	13,7	15,4	17,1
600	3,1	4,1	5,1	6,2	7,2	8,2	9,2	10,3	11,3	12,3	13,3	14,4	16,4	18,5	20,5
700	3,6	4,8	6,0	7,2	8,4	9,6	10,8	12,0	13,2	14,4	15,6	16,8	19,2	21,6	23,9
800	4,1	5,5	6,8	8,2	9,6	10,9	12,3	13,7	15,1	16,4	17,8	19,2	21,9	24,6	27,4
900	4,6	6,2	7,7	9,2	10,8	12,3	13,9	15,4	16,9	18,5	20,0	21,6	24,6	27,7	30,8
1000	5,1	6,8	8,6	10,3	12,0	13,7	15,4	17,1	18,8	20,5	22,2	23,9	27,4	30,8	34,2
1100	5,6	7,5	9,4	11,3	13,2	15,1	16,9	18,8	20,7	22,6	24,5	26,3	30,1	32,9	37,6
1200	6,2	8,2	10,3	12,3	14,4	16,4	18,5	20,5	22,6	24,6	26,7	28,7	32,8	36,9	41,0
1300	6,7	8,9	11,1	13,3	15,6	17,8	20,0	22,2	24,5	26,7	28,9	31,1	35,6	40,0	44,5
1400	7,2	9,6	12,0	14,4	16,8	19,2	21,6	23,9	26,3	28,7	31,1	33,5	38,3	43,1	47,9
1600	8,2	10,9	13,7	16,4	19,2	21,9	24,6	27,4	30,1	32,8	35,6	38,3	43,8	49,3	54,7
1800	9,2	12,3	15,4	18,5	21,6	24,6	27,7	30,8	33,9	36,9	40,0	43,1	49,3	55,4	61,6
2000	10,3	13,7	17,1	20,5	23,9	27,4	30,8	34,2	37,6	41,0	44,5	47,9	54,7	61,6	68,4
2200	11,3	15,5	18,8	22,6	26,3	30,1	33,9	37,6	41,4	45,1	48,9	52,7	60,2	67,7	75,2
2400	12,3	16,4	20,5	24,6	28,7	32,8	36,9	41,0	45,1	49,3	53,4	57,5	65,7	73,9	82,1
2600	13,3	17,8	22,2	26,7	31,1	35,6	40,0	44,5	48,9	53,4	57,8	62,2	71,1	80,0	88,9

## Sliding and folding door systems

- ▶ Technical information
- ▶ Calculating door weights

### Adjustment to different material thicknesses

The table entries refer to 19 mm thick material.  
The table entries must be multiplied by a factor in order to adjust to material of different thickness.

Material thickness mm	Factor
15	0,79
16	0,84
18	0,95
19	1,00
20	1,05
22	1,16
23	1,21
26	1,37
29	1,53

**Formula for conversion**  
Door weight = weight for door in thickness of 19 mm from table above x factor

**Example**  
Chipboard door  
H x W x D = 2000 x 1800 x 16  
Weight shown in table for this door size, but material in a thickness of 19 mm = 47.9 kg

Convert to 16 mm door thickness using factor of 0.84 as shown in table on left  
Door weight = 47.9 kg x 0.84 = 40.2 kg

### Calculating weights of doors in alternative door materials

Density of various materials in kg/m<sup>3</sup>

Material	Density kg/m <sup>3</sup>
Acrylic glass	1200
Aluminium	2700
Balsa wood	120
Concrete	2400
Lead	11300
Iron	7800
Gypsum plasterboard	900
Glass	2600
Hardboard	1000
Hardwood, wet (beech)	900
Hardwood, dry (beech)	800
Cork	300

To calculate the weight of doors in alternative door materials, the specific density of the door material must be taken into consideration.

### Example

Door made of acrylic glass with a density of 1200 kg/m<sup>3</sup>  
Door height: 2000 mm, door width: 1800 mm, material thickness: 6 mm

$$\text{Door weight [kg]} = \text{Height [m]} \times \text{Width [m]} \times \text{Material thickness [m]} \times \text{Density [kg/m}^3\text{]}$$

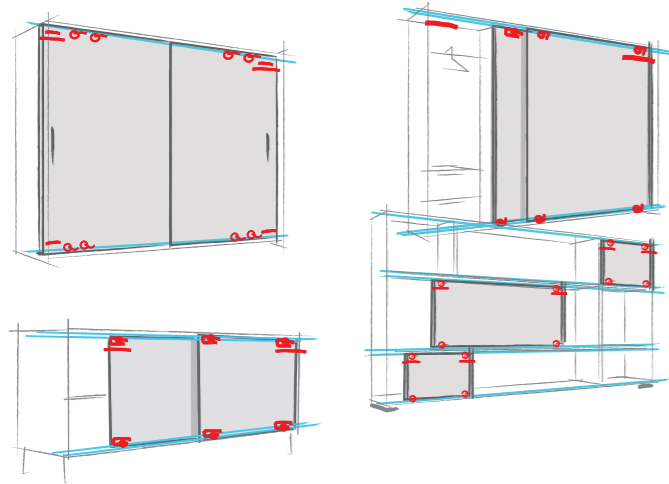
25,9 kg = 2 × 1,8 × 0,006 × 1200



## Sliding door systems

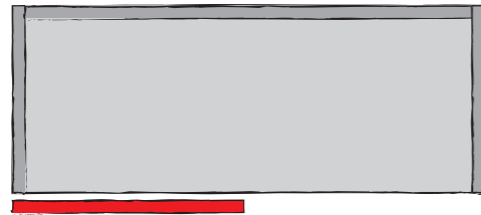
- ▶ Technical Information
- ▶ Design advice

### Always the best system

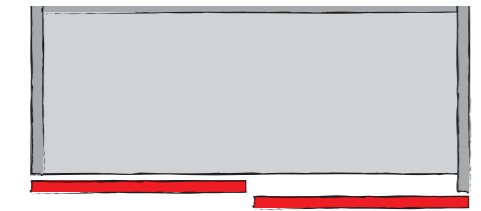


Hettich sliding door systems give you the ideal solution to meet any consumer demand, because Hettich offers you numerous system options. Each design provides its own particular benefits and creative impact on the piece of furniture. Take advantage of Hettich sliding door systems for all cabinets and shelf units. We are now going to give you a brief introduction to the various systems, so you can quickly find the main criteria for selecting the right sliding door system.

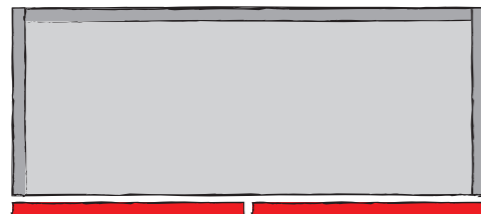
### Option 1: 1-track or multi-track sliding doors



**1-track sliding doors** do not close off furniture completely. The door only conceals individual furniture segments and can be pushed to the side. Typical application: the living room combination in which the TV set disappears behind the sliding door after use.

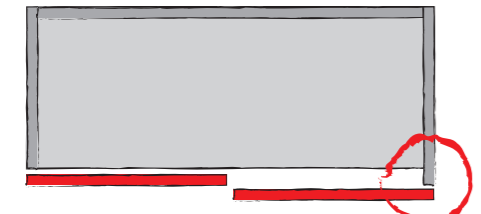


**Multi-track sliding doors** can close off the entire furniture carcass. At least two doors run in profiles installed one behind the other. Ideal for office cabinets, wardrobes and pantry units: the closed doors conceal the cabinet's entire contents, creating a neat and tidy look in a matter of seconds.

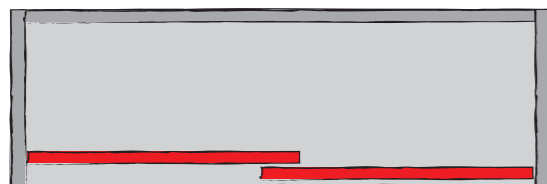


**Flush fitted sliding doors** are a special innovative type that also close off the complete carcass. The closed cabinet front panel forms an

### OPTION 2: OVERLAY OR INSET SLIDING DOORS



**Overlay sliding doors** conceal – viewed from the front – the carcass side, the top panel and bottom panel. This makes the front panels the dominant design element of a piece of furniture. Please note: for furniture designed with two doors, the two carcass sides must be produced in different depths.

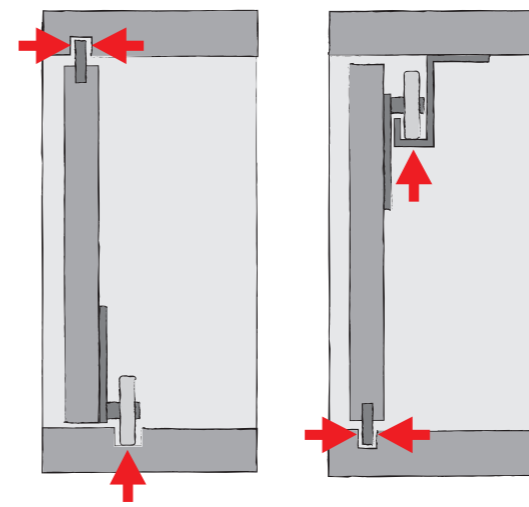


**Inset sliding doors**, in contrast, move between the carcass sides, the top panel and the bottom panel. The carcass elements are visible from the front, also influencing the design of furniture. The carcass sides are of identical depth.

## Sliding door systems

- ▶ Technical Information
- ▶ Design advice

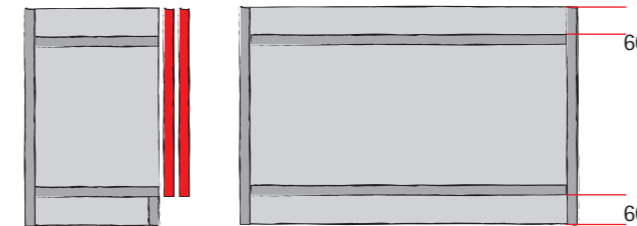
### Option 3: bottom running or top running sliding doors



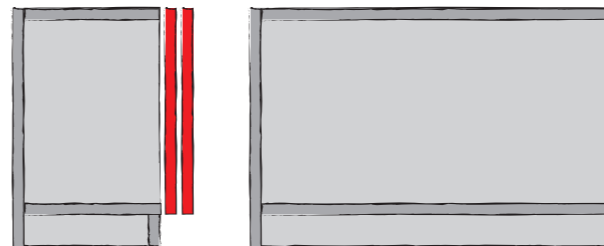
**Bottom running sliding doors** stand on rollers along their bottom edge and are stabilised by a guide at the top edge of the door. Given the uncomplicated carcass construction, predominantly low door weights and straightforward installation, bottom running doors are seen as the optimum gateway to constructing sliding door cabinets.

**Top running sliding doors** are suspended from the top panel. A guide at the bottom panel prevents the doors from wobbling. The fitting components can be positioned unobtrusively at the top and bottom

### Option 4: installing sliding doors on or in front of the top panel

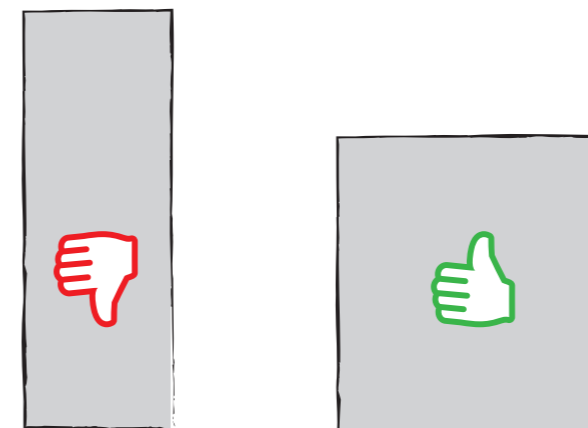


With a simple trick, the fitting technology can be installed largely **out of view on the top panel**: the top panel is lowered by 60 mm. Proviso: the piece of furniture is a tall cabinet with a top panel that is positioned out of sight.



On low cabinets, the top panel is always visible. In this case, carcass and top panel are conventionally mounted at right angles and the fitting technology is either attached **in front of or in the top or bottom panel**. The doors close flush at the top – a neat looking solution. Incidentally: the cabinet here is designed in the same way as hinged

### Option 5: sliding door format and material



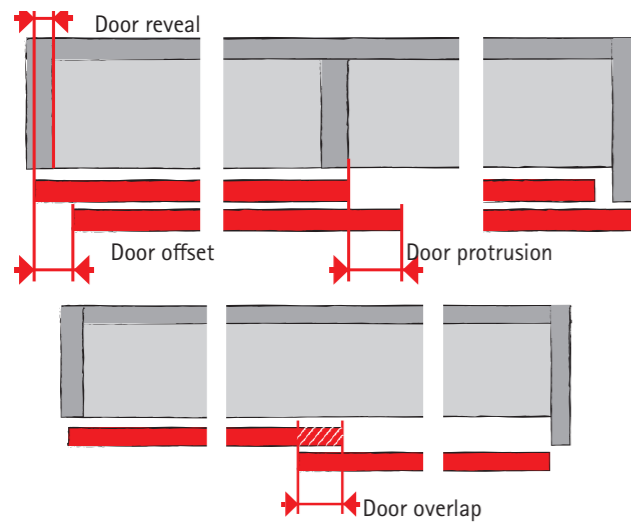
Key to selecting the appropriate system: format and material of the sliding door. In terms of format, bear in mind that wider doors run far more stably than narrow, tall sliding doors. Rule of thumb: the sliding door width should be at least half the height of the door.



# Sliding door systems

- ▶ Technical Information
- ▶ Design advice

## Definition of important dimensions



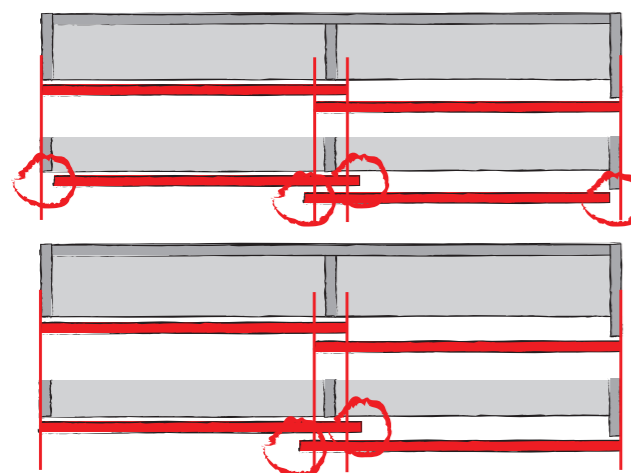
The **door reveal** is the extent to which the door overlaps the carcass side.

The **door protrusion** is the measure of opened door offset to the centre panel.

The **door offset** prevents the forward door from knocking against the handle on the rear door.

**Door overlap** is the surface of the rear most door that is permanently covered by the front most door. The overlap should be approx. twice as large as the gap between front most door and rear most door to avoid being able to see inside the cabinet through the gap. On aluminium

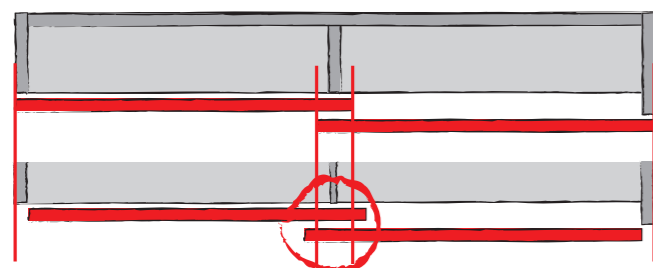
## Door reveal as a variable influencing door protrusion



Reducing the door reveal increases the door protrusion on doors of identical width.

Increasing the door overlap on account of a larger door increases the door protrusion.

## The centre panel as a variable influencing door protrusion



A thinner centre panel increases the door protrusion on doors of identical width.

# Sliding door system

- ▶ Technical information
- ▶ Quality criteria

## Quality that meets all the demands

The quality of the sliding door systems is monitored continuously. Hettich fittings comply with the national and international quality standards of the markets our customers operate in. The diagrams below show some of the tests to which Hettich fittings are subjected.

**Load capacity**  
The values stated in the catalogue for Hettich sliding door systems comprise the permissible total weight of the door in combination with the permitted door sizes. All Hettich sliding door systems pass the overload test to EN 15706<sup>1</sup>. The sliding door systems are suitable for furniture to EN 14749 when processed correctly as specified in the catalogue.

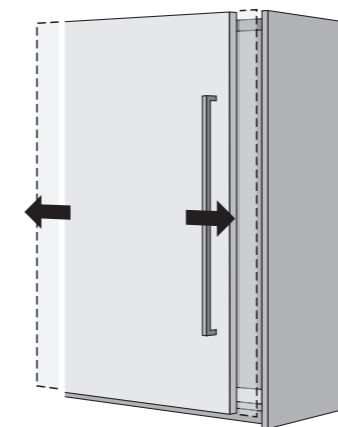
**Corrosion test**  
Hettich sliding door systems satisfy the requirements on corrosion defined in EN 15706, 72-hour condensation-water test to EN 6270.

<sup>1</sup> TopLine 1200 / 1210 / 1230 meets the requirements of ANSI / BHMA

## Endurance test

The door must withstand a defined number of opening and closing cycles at a defined speed.

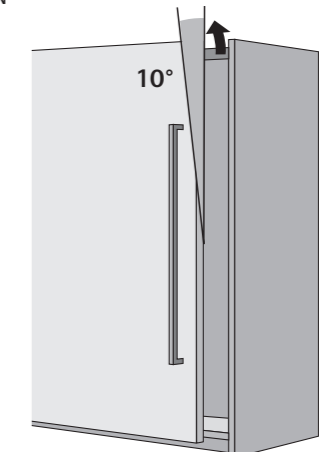
- Level 1: 10,000 cycles
- Level 2: 20,000 cycles
- Level 3: 40,000 cycles



## Lift off guard

The door is pulled up and forwards at an angle with a defined force and must not become detached or fall out of the cabinet.

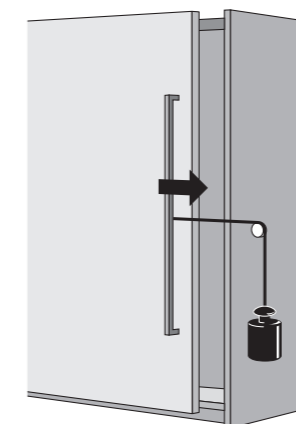
- Level 1: 150 N
- Level 2: 200 N
- Level 3: 250 N



## Closing test

The door must withstand a specific number of closing cycles under a defined tensile load.

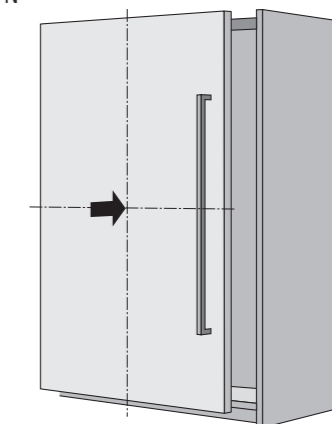
- Level 1: 2 kg
- Level 2: 3 kg
- Level 3: 4 kg



## Horizontal safety test

Pressure is applied to the middle of the door with a defined force. The door must not become detached or fall out of the cabinet body.

- Level 1: 150 N
- Level 2: 200 N
- Level 3: 250 N



Order no.	Page	Order no.	Page	Order no.	Page	Order no.	Page
0 010 083	144	9 115 217	74	9 242 712	11	9 338 942	130
0 010 084	144	9 115 218	76	9 242 713	11	9 338 943	130
0 020 392	108	9 115 219	74	9 244 904	133	9 338 946	130
0 020 393	108	9 115 954	74	9 244 905	133	9 338 947	130
0 020 400	108, 115	9 115 955	74	9 254 630	11	9 338 971	130
0 025 120	76	9 118 477	75	9 264 170	137	9 338 976	130
0 025 121	76	9 119 584	75	9 264 192	137	9 338 979	131
0 041 372	99	9 119 585	75	9 266 243	137	9 338 979	131
0 041 373	99	9 119 586	75	9 266 244	137	9 339 051	131
0 041 374	99	9 119 587	75	9 276 579	132	9 339 057	131
0 041 375	99	9 134 311	31	9 276 611	132	9 339 057	131
0 041 376	99	9 136 105	32	9 277 096	11	9 339 059	131
0 041 377	99	9 136 109	75	9 277 098	11	9 339 059	131
0 041 378	99	9 156 338	46, 59	9 277 151	11	9 339 517	136
0 041 379	99	9 156 339	46, 59	9 277 152	11	9 339 518	136
0 045 198	158	9 184 566	47, 60	9 277 164	11	9 339 521	136
0 045 315	115	9 193 574	153	9 277 167	11	9 339 522	136
0 045 316	115	9 201 921	46, 59	9 282 901	137	9 339 583	136
0 046 787	135	9 208 511	31	9 282 902	137	9 339 584	136
0 048 965	88	9 209 224	48	9 283 267	132	9 339 586	136
0 048 966	89	9 209 226	48	9 298 326	134	9 339 587	136
0 048 968	88	9 209 268	49	9 329 759	130	9 339 594	132
0 048 969	88	9 209 271	12, 49	9 329 802	130	9 339 596	132
0 048 970	89	9 209 273	12, 49	9 329 804	130	9 339 606	133
0 048 972	89	9 209 273	49	9 329 805	130	9 339 608	133
0 048 973	89	9 209 280	49	9 329 807	130	9 339 648	132
0 052 095	135	9 209 283	49	9 329 821	130		
0 061 546	76	9 227 006	62	9 330 191	135		
0 066 900	76	9 227 245	61	9 330 194	135		
0 070 985	153	9 227 246	61	9 332 361	135		
0 070 986	152	9 229 240	62	9 335 568	130		
0 070 987	152	9 229 241	62	9 338 565	130		
0 076 481	89	9 229 243	62	9 338 566	130		
0 076 482	90	9 236 460	132	9 338 626	130		
0 076 483	90	9 236 461	134	9 338 654	130		
0 076 484	91	9 237 039	135	9 338 655	130		
0 079 013	144	9 242 227	11	9 338 657	130		
0 079 015	144	9 242 228	11	9 338 658	130		
1 076 849	144	9 242 238	11	9 338 688	131		
1 079 090	76	9 242 240	11	9 338 690	131		
9 078 860	90	9 242 708	11	9 338 704	131		
9 078 862	90	9 242 709	11	9 338 706	131		
9 079 526	99	9 242 710	11	9 338 909	130		
9 115 216	62, 76	9 242 711	11	9 338 910	130		

## General technical conditions

The fitting information, screw fixing points and load capacity information contained in this catalogue assume proper attachment using screws specified by Hettich to a chipboard panel providing a screw pull out resistance of at least 1,000 N in accordance with EN 320.

Hettich accepts no responsibility for the load capacity of furniture and its components if materials or fastening methods are used other than those stated; the furniture manufacturer must verify load capacity.

The fitting situations shown in this catalogue are only intended to illustrate the possible options.

The furniture manufacturer is responsible for ensuring that furniture is designed in compliance with standards, in particular with regard to meeting the requirements on safety.

We will be pleased to provide any further information you may require.

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