Sliding & Folding

Door Systems



Hettich

Sliding door systems / top running
- TopLine L 6 – 21
- SysLine S 22 – 35



Sliding door systems / bottom running
- SlideLine M overlay / inset 38 – 67
- SlideLine 55 68 – 81
- SlideLine 97 82 – 93



Retractable (swivel) door systems
- KA 5740 96 – 103



Vertical sliding door systems
- Vertico Synchro 104 – 113
- Vertico Mono 114 – 123



Folding door systems
- WingLine L 126 – 149
- WingLine 230 150 – 157
- Wing 77 158 – 170



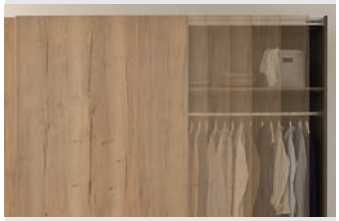
Accessories
- Accessories 172 – 174



Technical information
- Calculating door weights 176 – 177
- Design advice for sliding door systems 178 – 180
- Quality criteria 181



▸ 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 closing, soft opening

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 inlude 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.

Performance summary 8
- Design principle
- General information
- Door format and door weight

Planning dimensions in brief 9 – 10



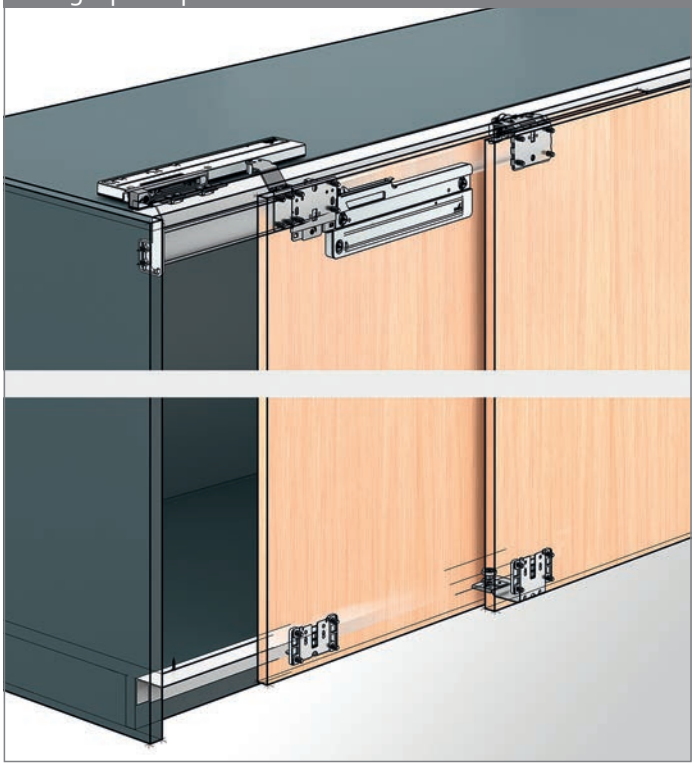
System components 10 – 12

Installation instructions 13 – 21

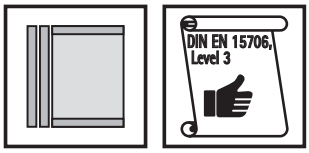
Sliding door system for overlay door position

- **TopLine L / top running**
- **Performance summary**

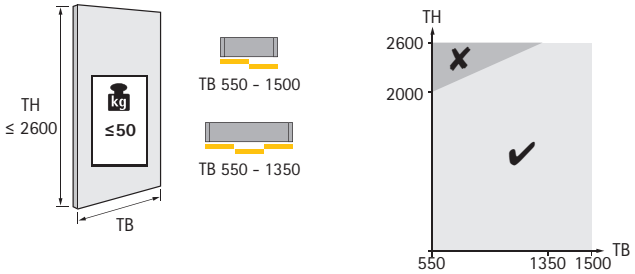
Design principle



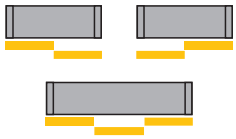
General information



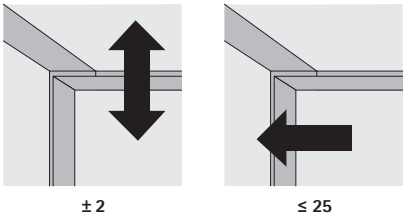
Door format and door weight



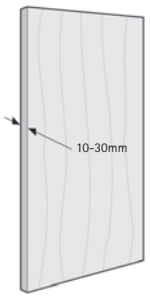
Number of doors and door position



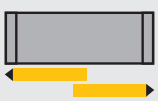
Height / overlay adjustment



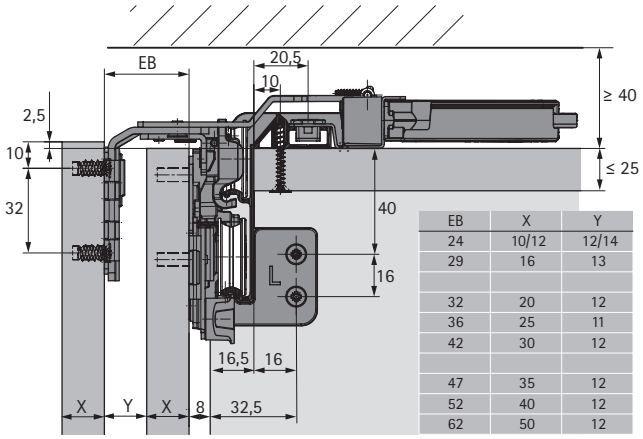
Door material



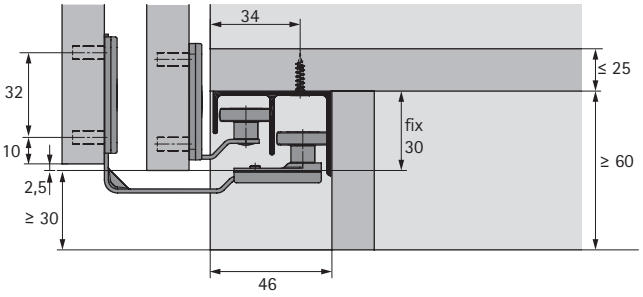
Silent System options

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

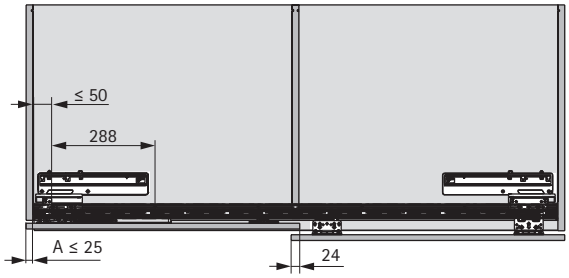
Installation dimensions

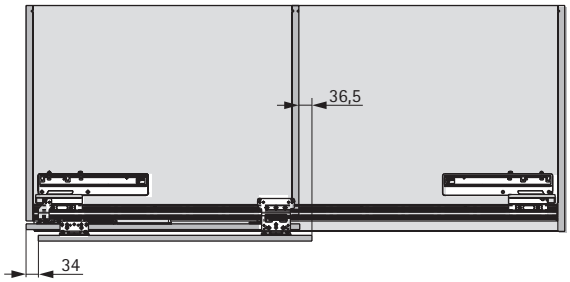


EB	X	Y
24	10/12	12/14
29	16	13
32	20	12
36	25	11
42	30	12
47	35	12
52	40	12
62	50	12

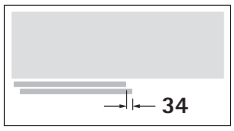


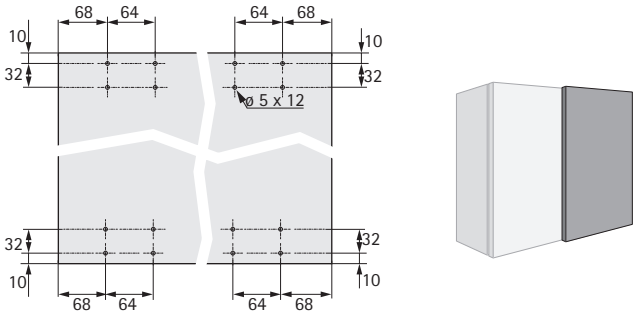
Horizontal cross section, 2-door

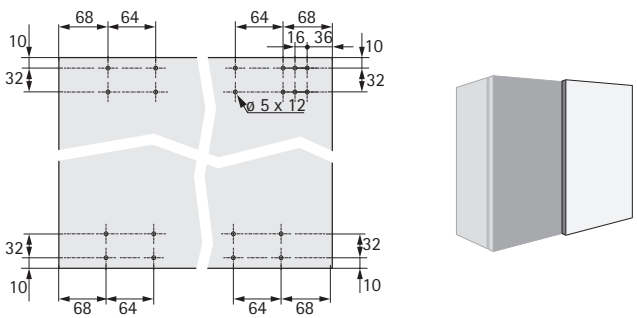




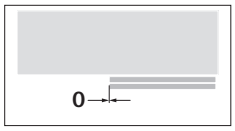
Drilling pattern, door - door offset 34 mm

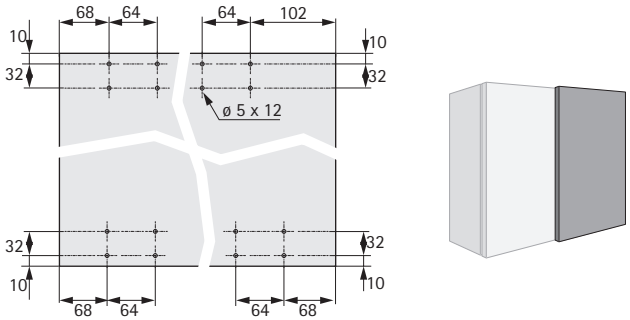


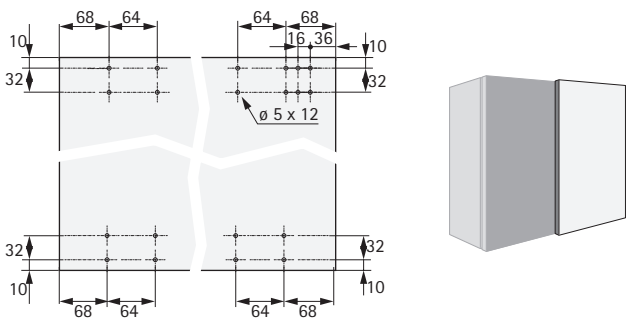




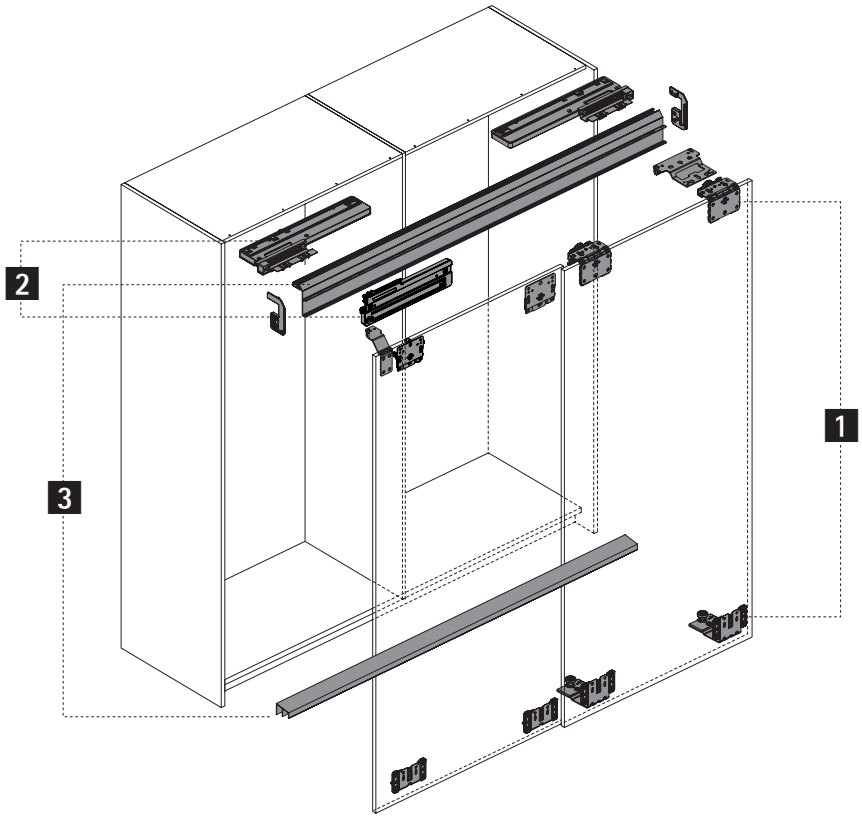
Drilling pattern, door - door offset 0 mm



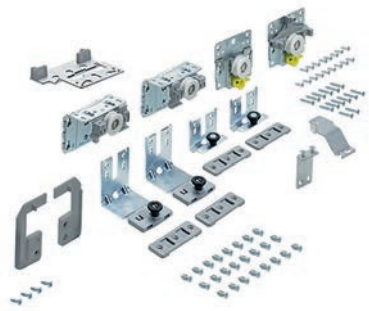




System summary



1 Runner and guide components



2 Silent System



3 Runner and guide profiles



4 System accessories



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 2-door, left	2-door, right	3-door	PU
	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

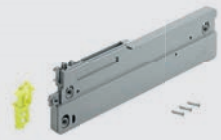
Silent System soft closing

- 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 2-door	3-door	PU
	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 2-door	3-door	PU
	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

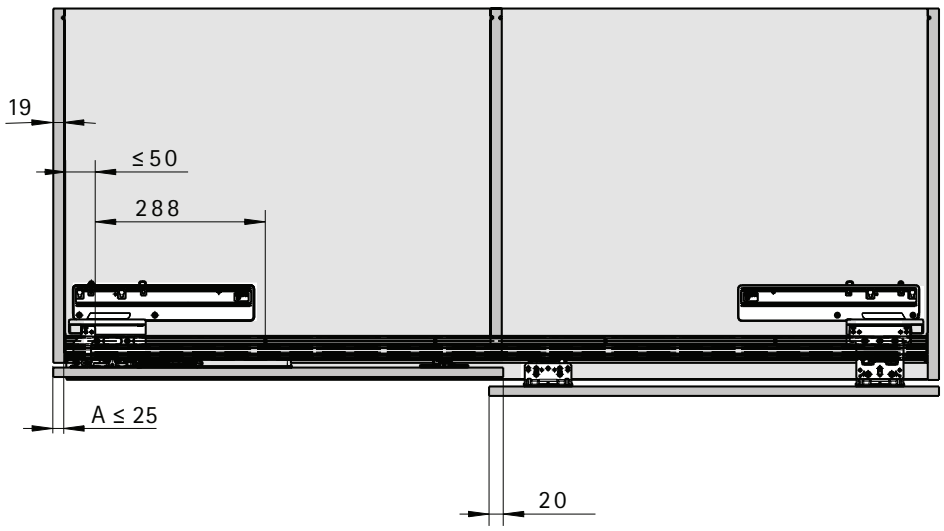
- Set comprises 1 runner profile and 1 guide profile
- Runner / guide profiles: aluminium, silver anodised

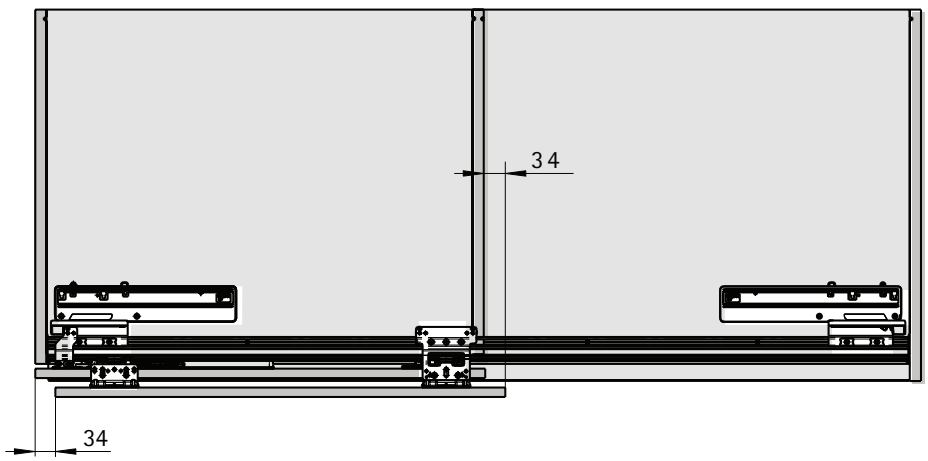
Illustration	Length mm	Order no.	PU
	2300	**9 277 164**	1 set
	4000	**9 277 167**	1 set

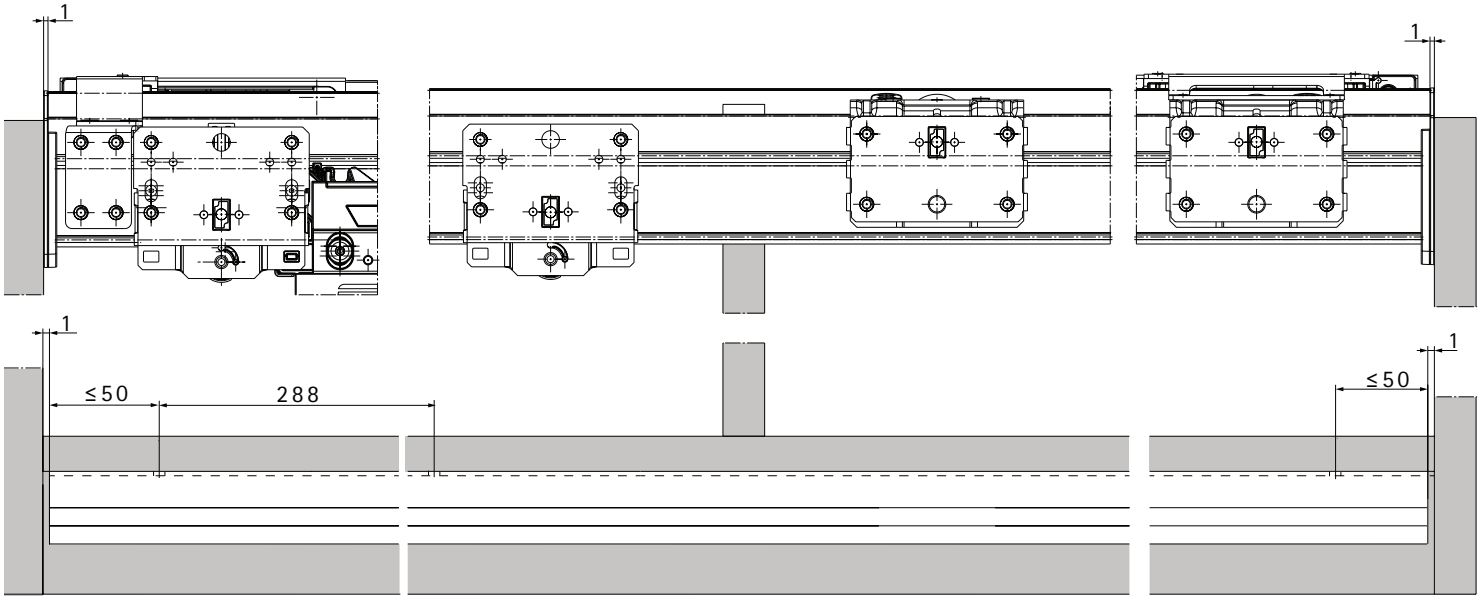
4 System accessories

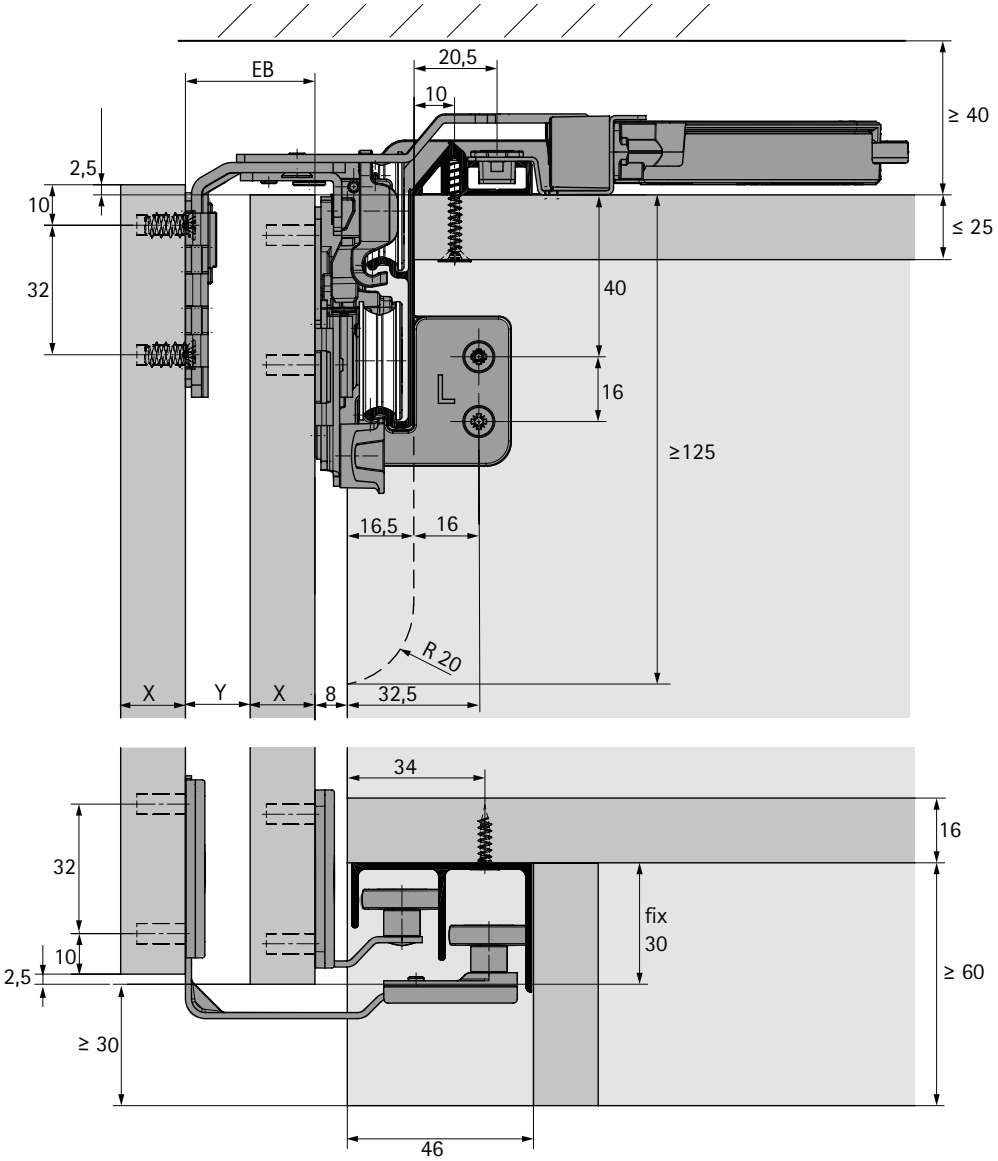
Coloured set
- Self adhesive decorative tape for easy application to the visible surface of the runner profile

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

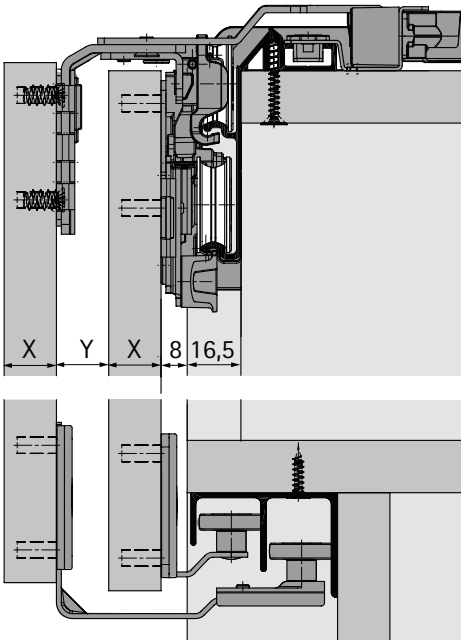

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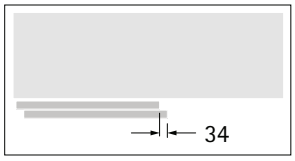

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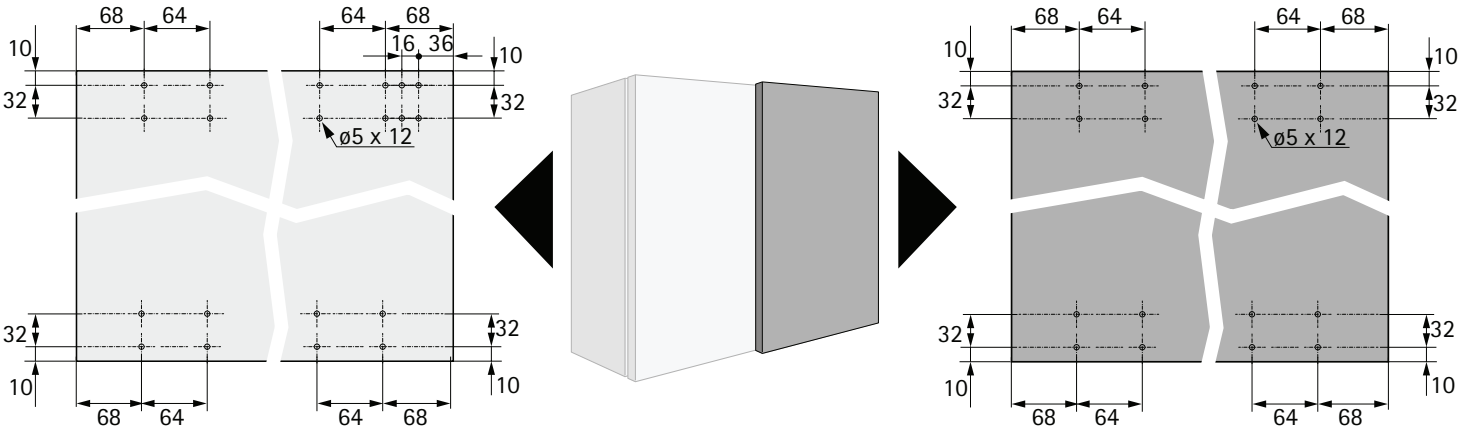

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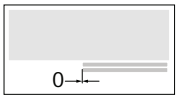


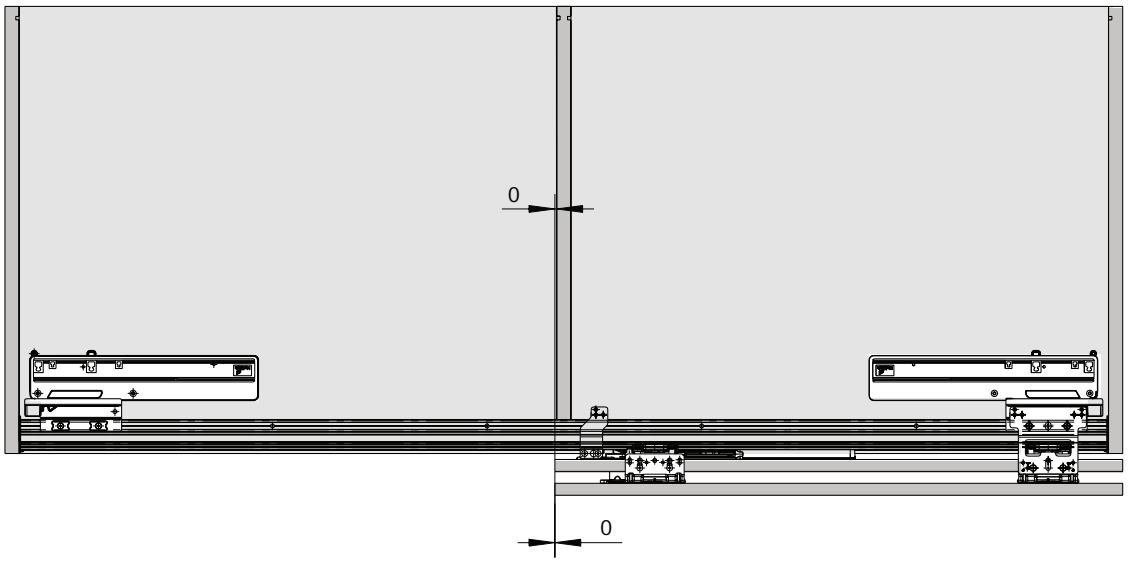
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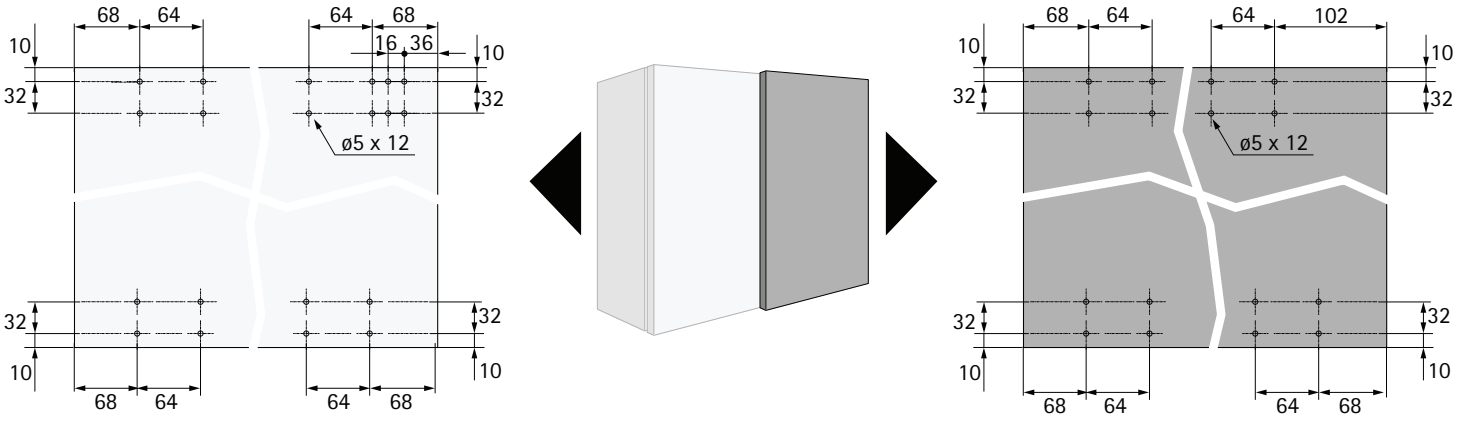


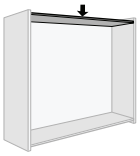





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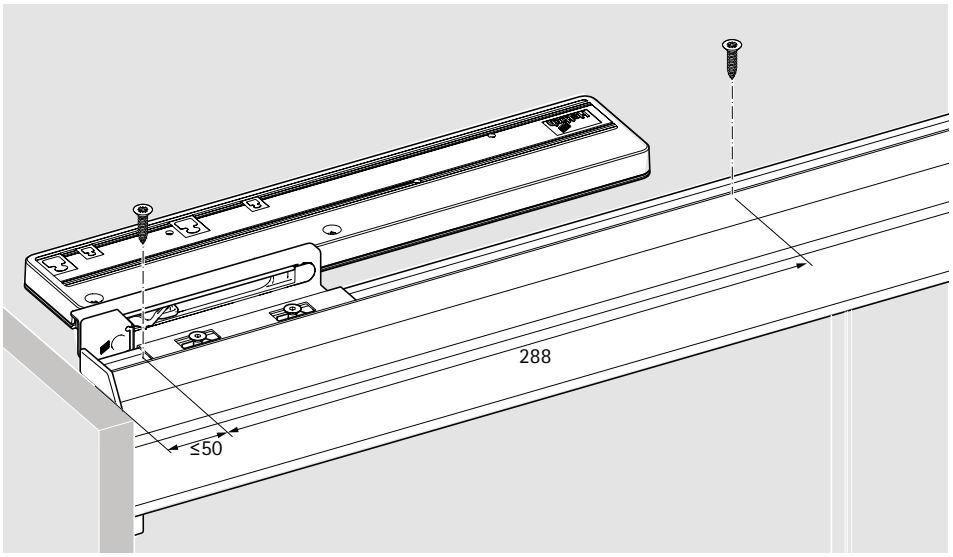

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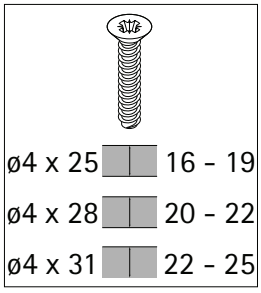


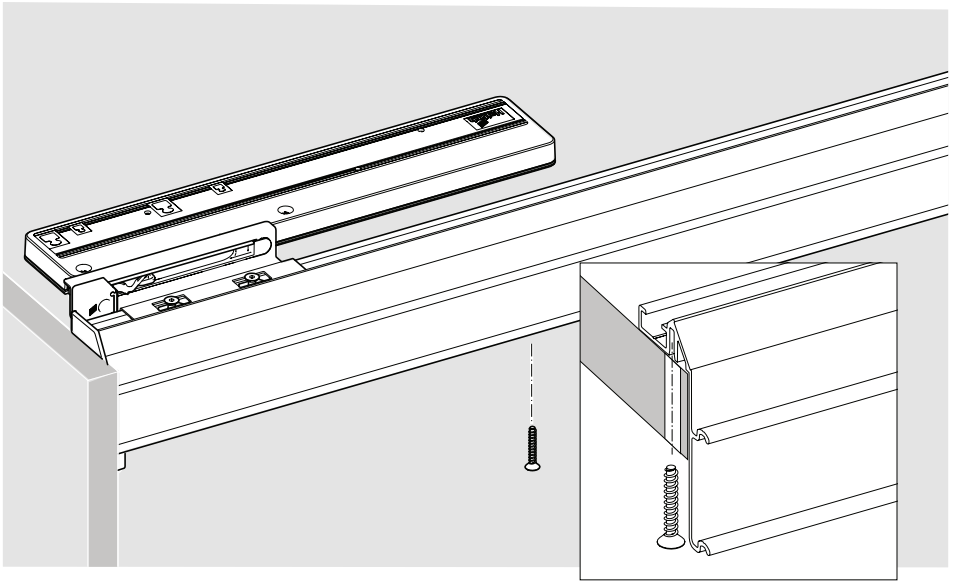
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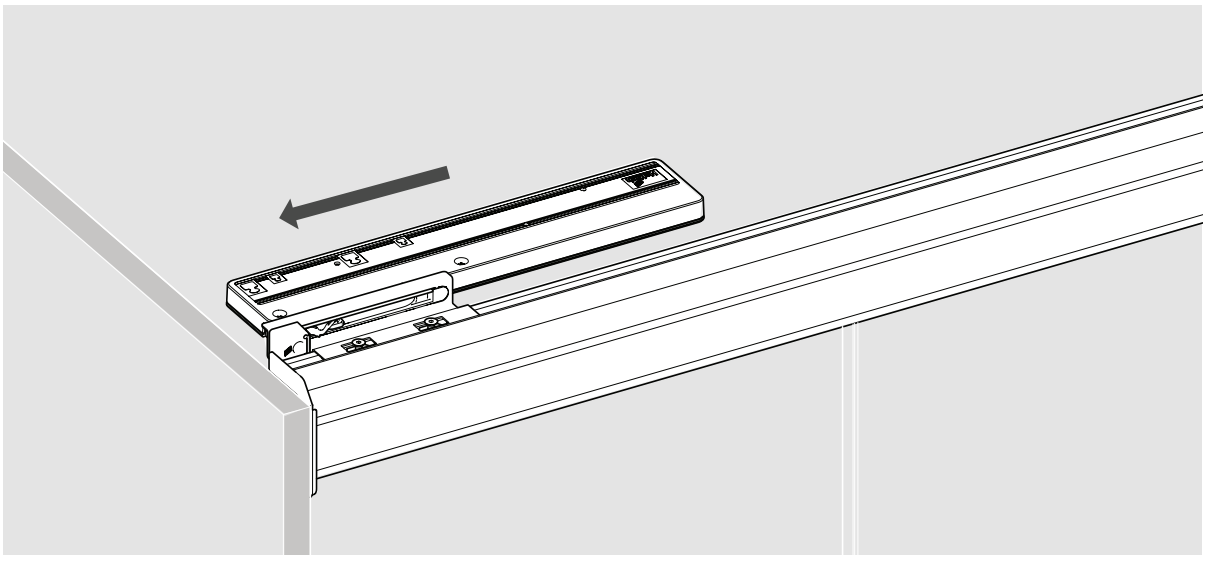


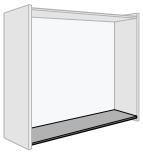


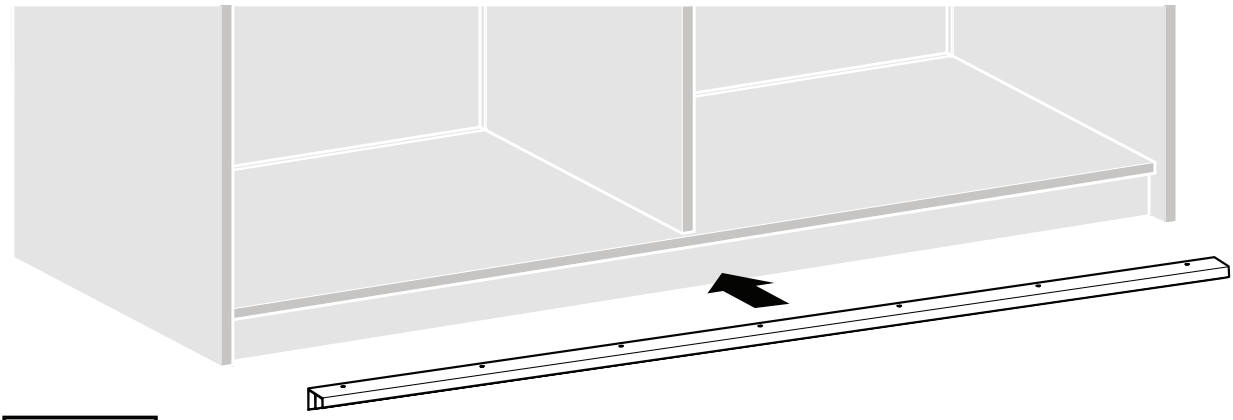
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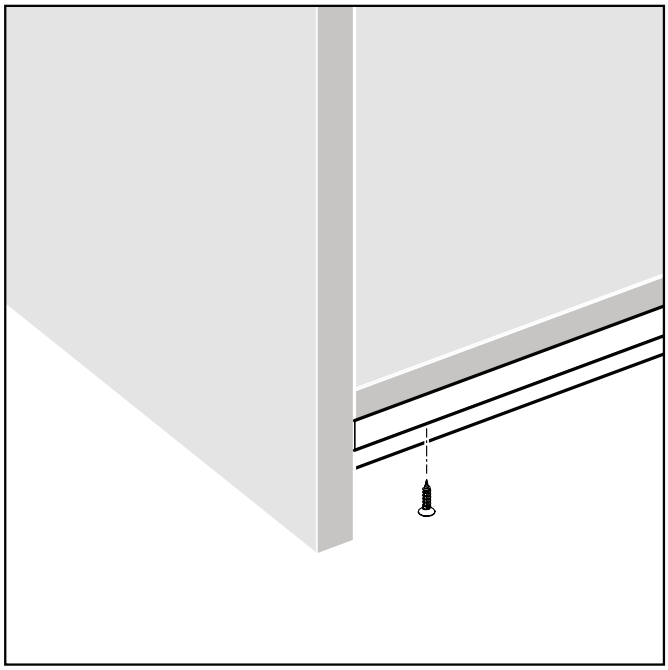


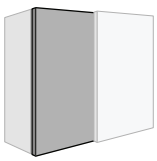




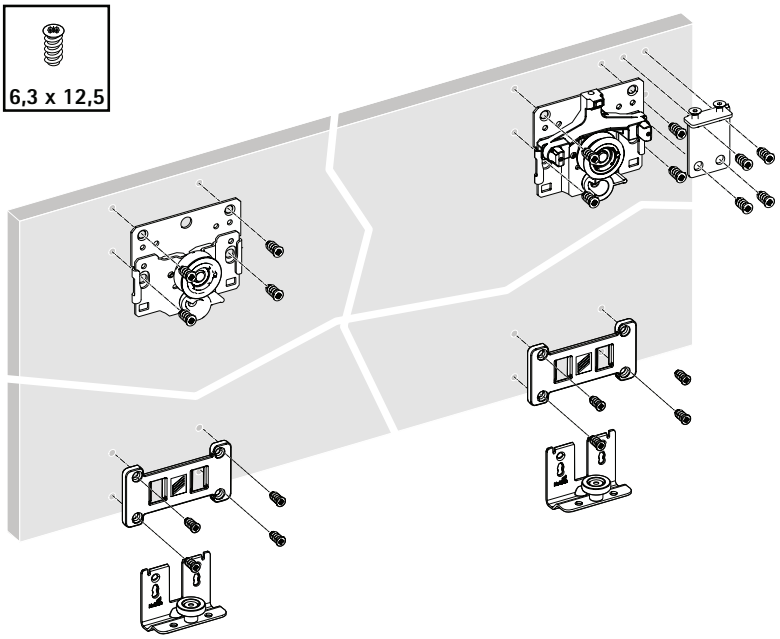


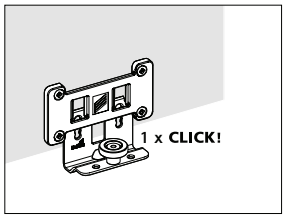

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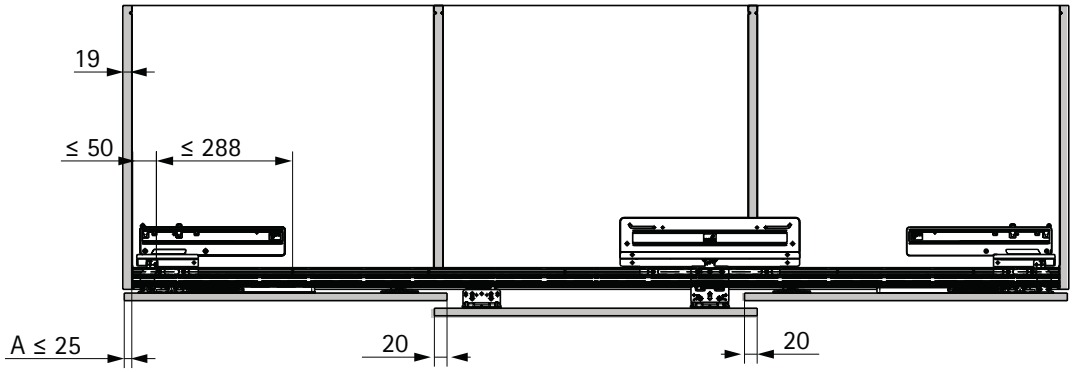


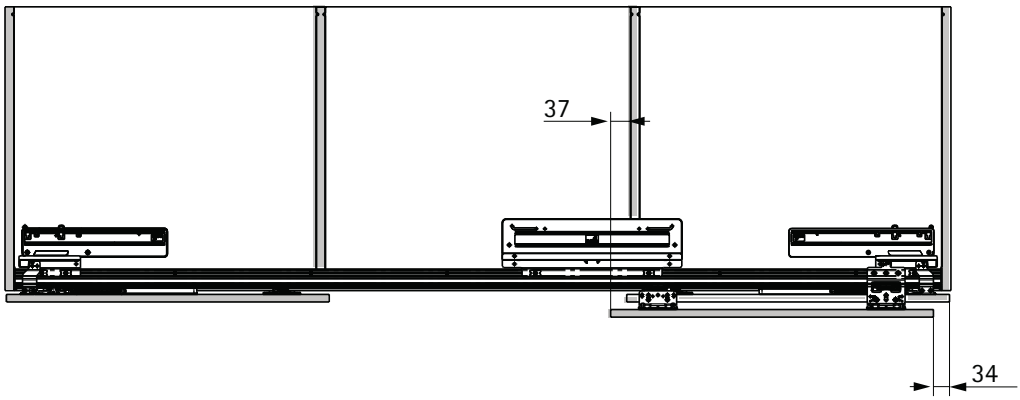


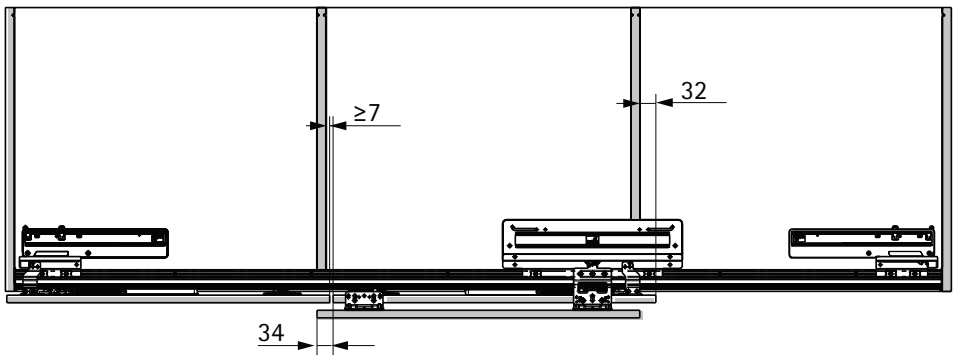
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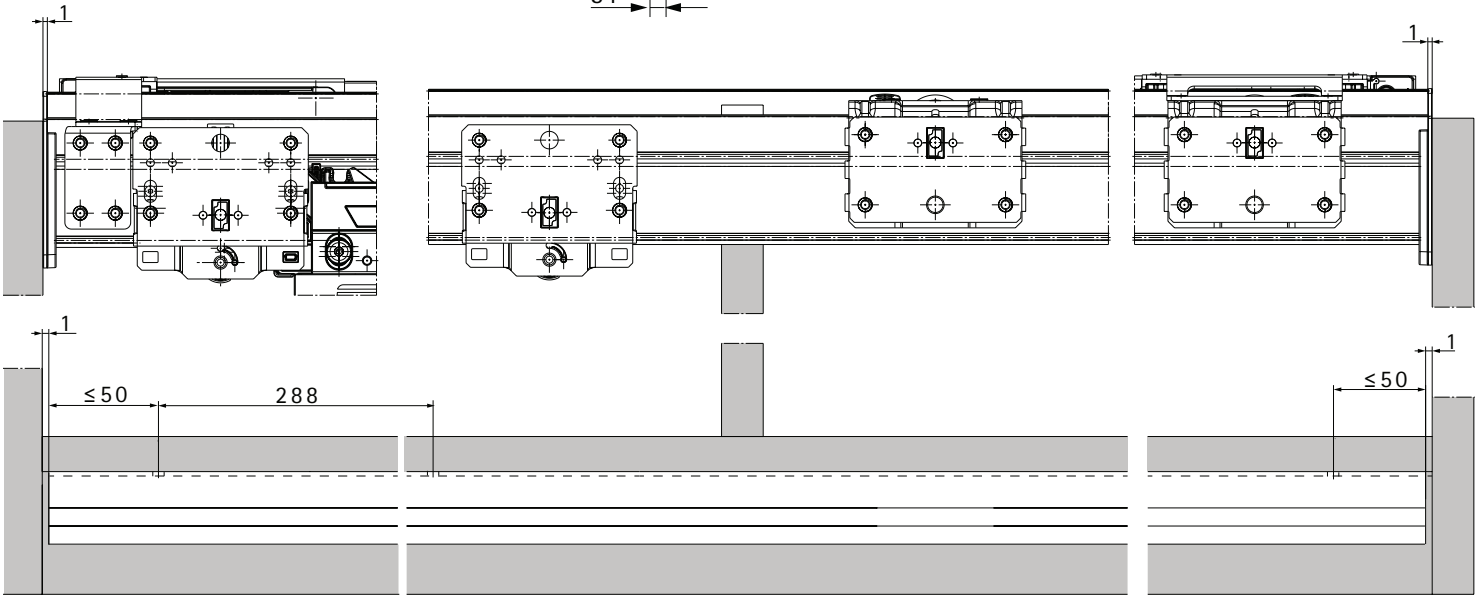


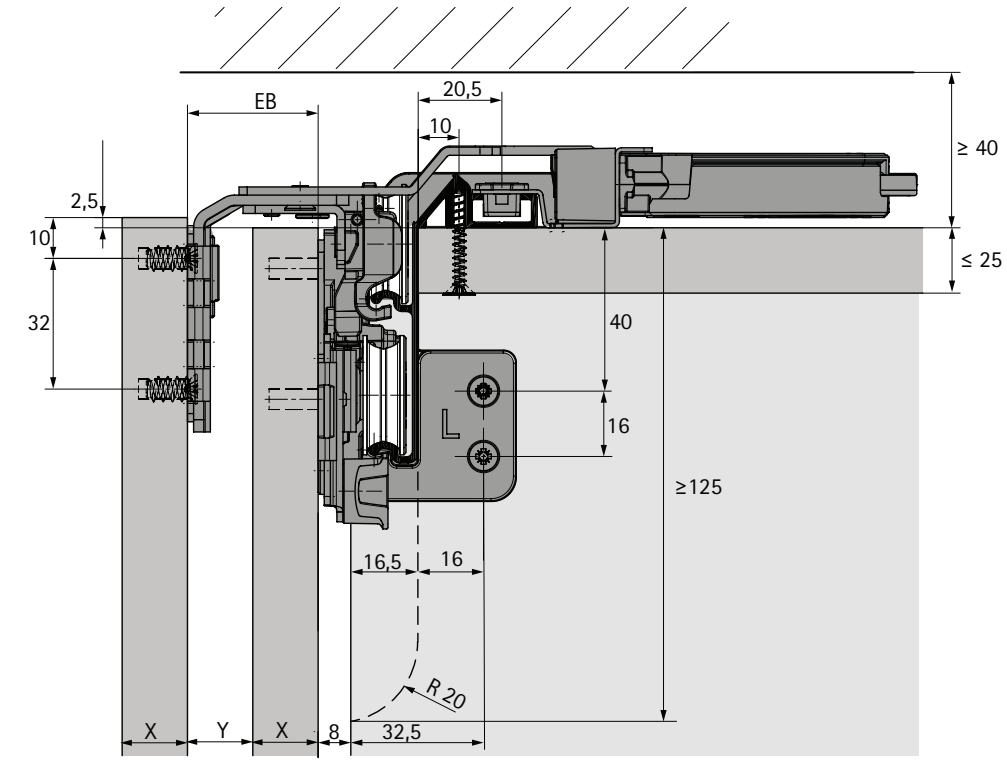

1 x CLICK!


19
≤ 50
≤ 288
A ≤ 25
20
20

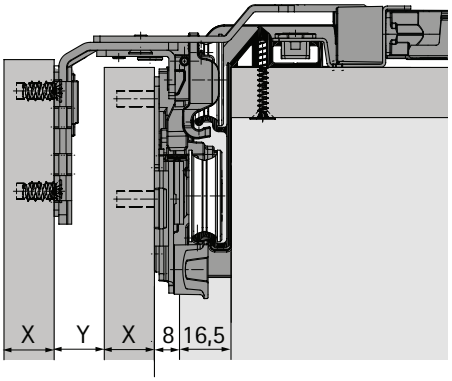

37
34

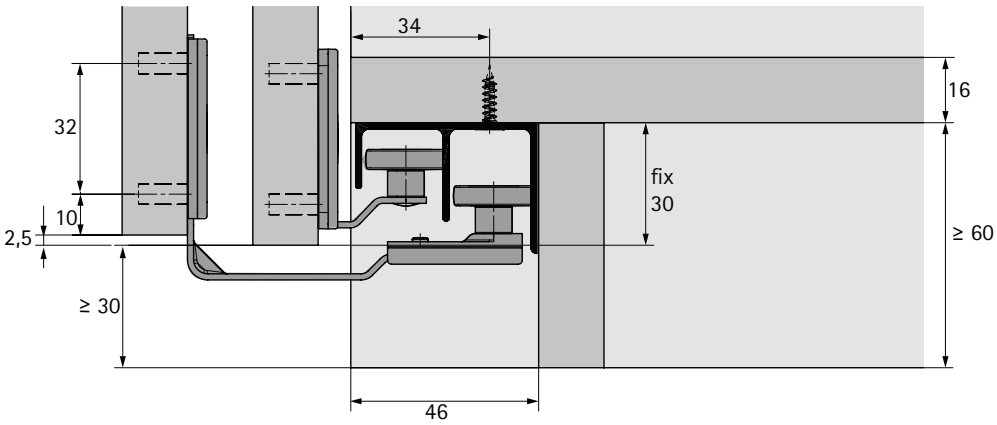

≥7
32
34

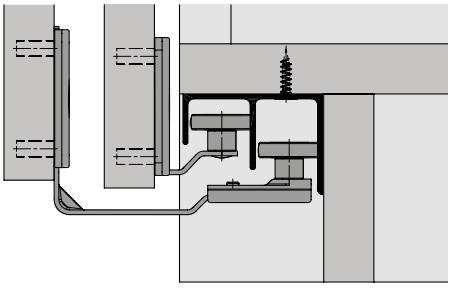

1
1
1
1
≤ 50
288
≤ 50

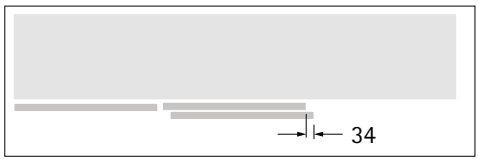


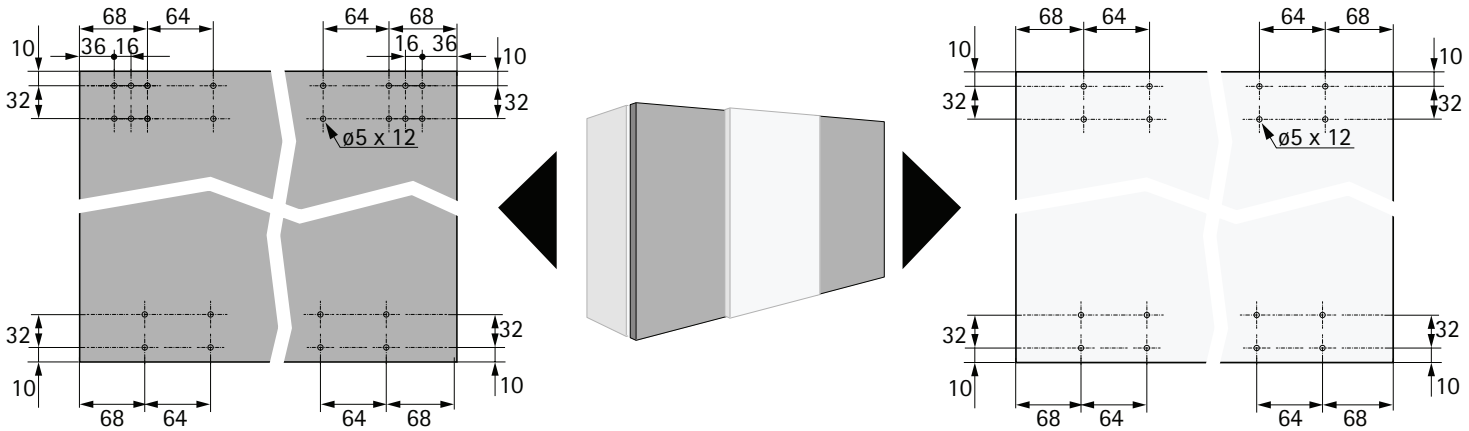
EB	X	Y
24	10/12	12/14
29	16	13
32	20	12
36	25	11
42	30	12
47	35	12
52	40	12
62	50	12



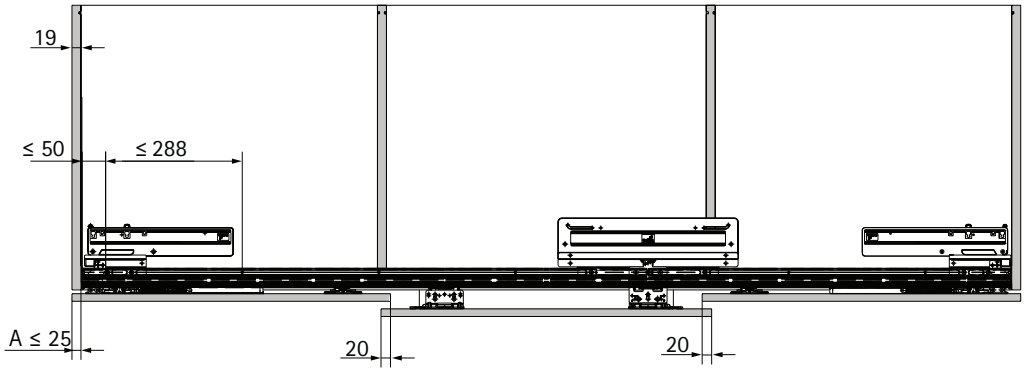


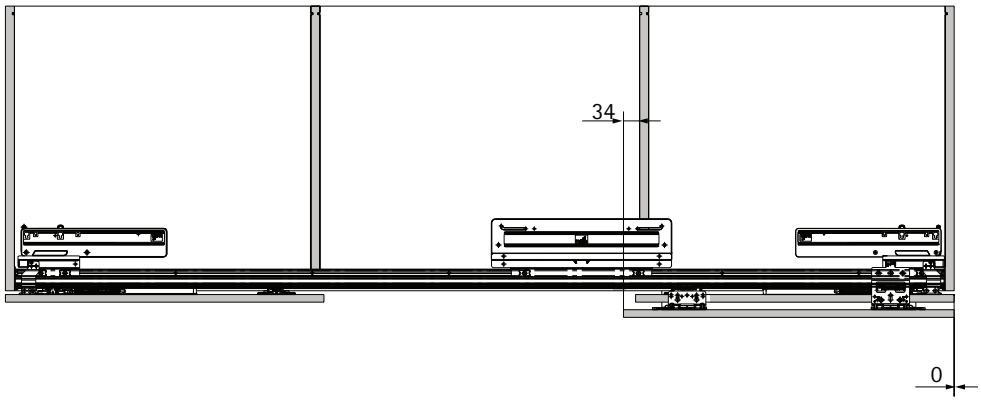


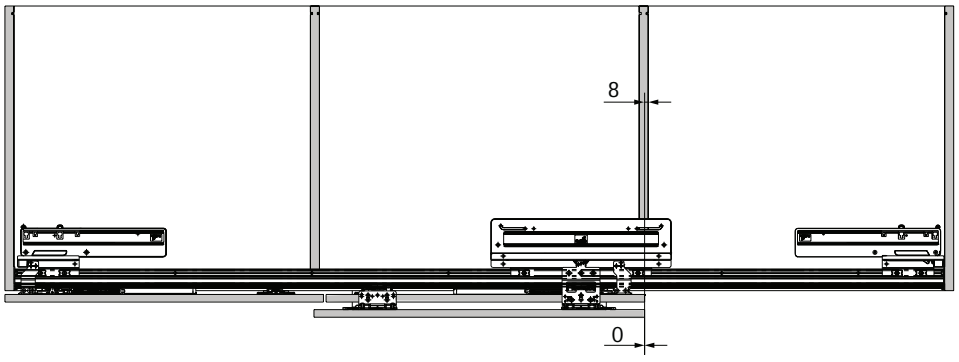


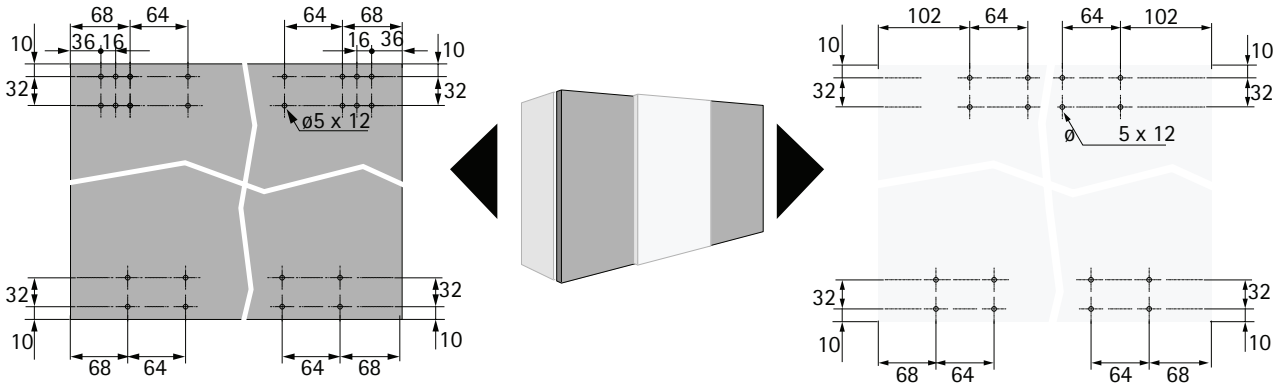


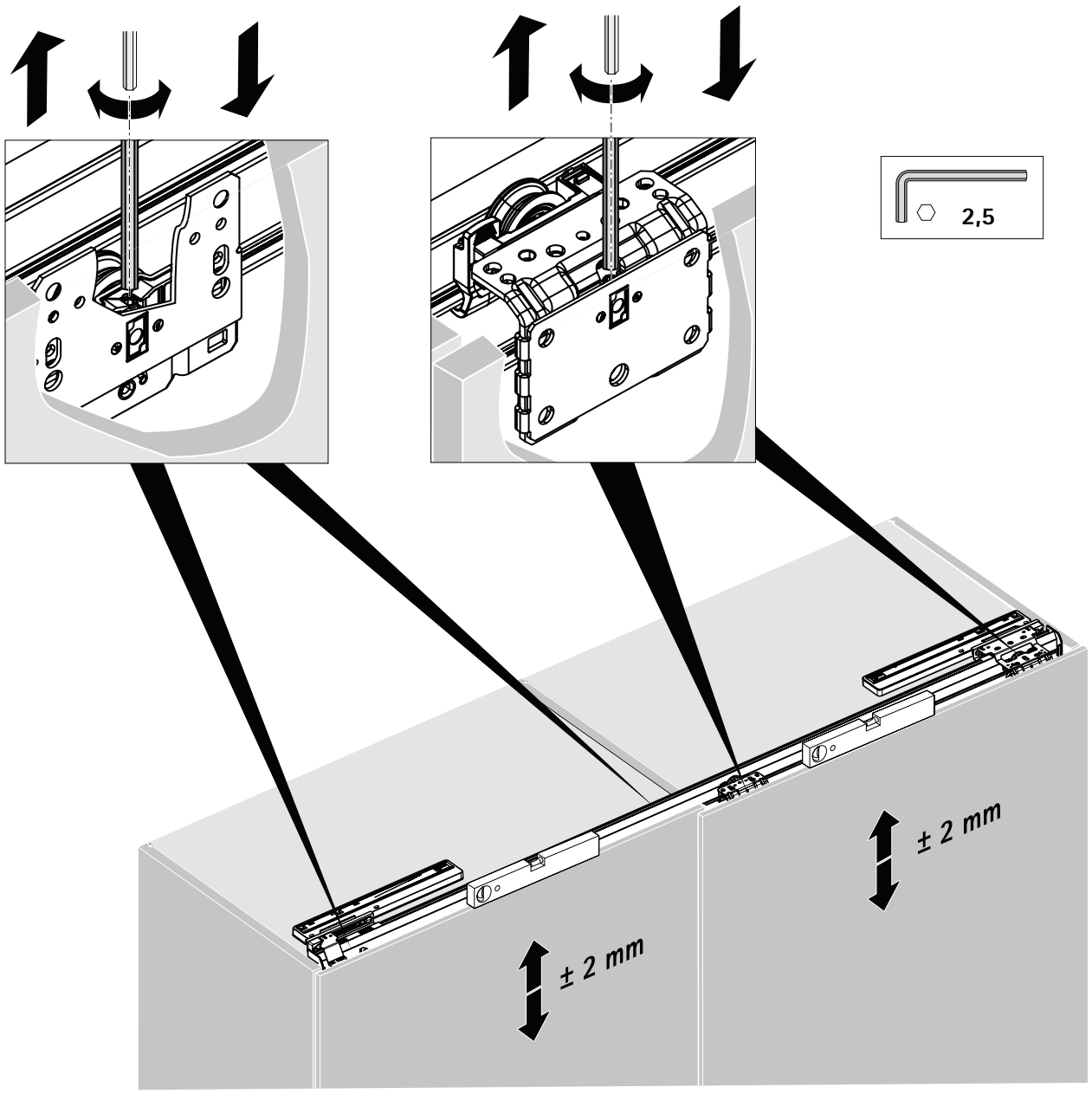

0


19
≤ 50
≤ 288
A ≤ 25
20
20


34
0


8
0

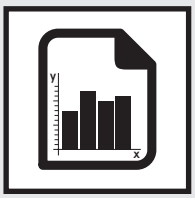

68
64
64
68
10
36
16
16
36
10
32
32
ø5 x 12
32
32
10
10
68
64
64
68
102
64
64
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ø
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64
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2,5
± 2 mm
± 2 mm

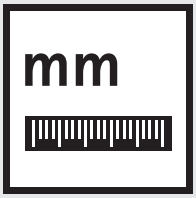


SysLine S gently moves aside doors weighing up to 15 kg without the bottom running track. The optional Silent System provides a sense of luxury. SysLine S has an easy clip installation and tool-less height adjustment.

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.



Performance summary 24 – 25
- Technical details in brief
- Door sizes
- Silent System
- Operating principle



Planning dimensions 26 – 30



System components 31 – 32

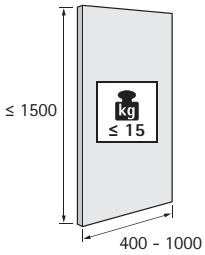


Installation 33 – 35

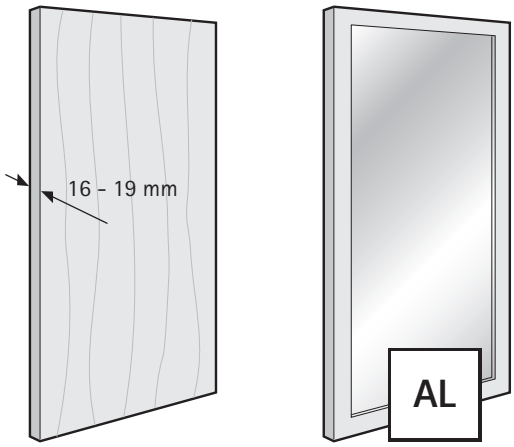
Technical details in brief

- 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

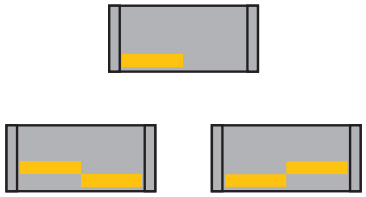
Door format and door weight



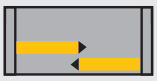
Door material



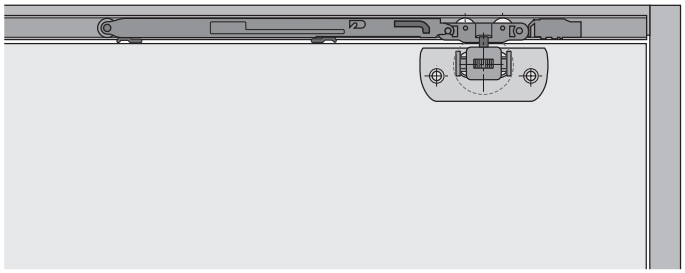
Number of door wings and door position

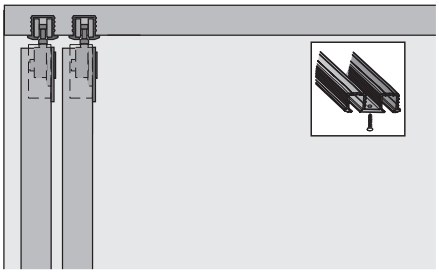


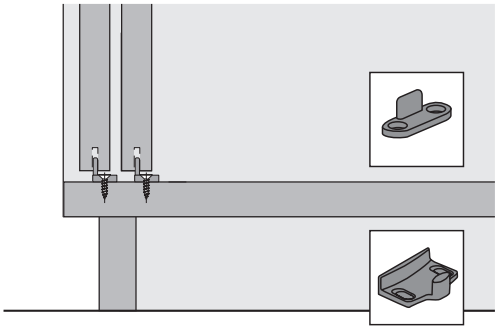
Silent System

	1-door	2-door		
Soft closing				
Soft opening				

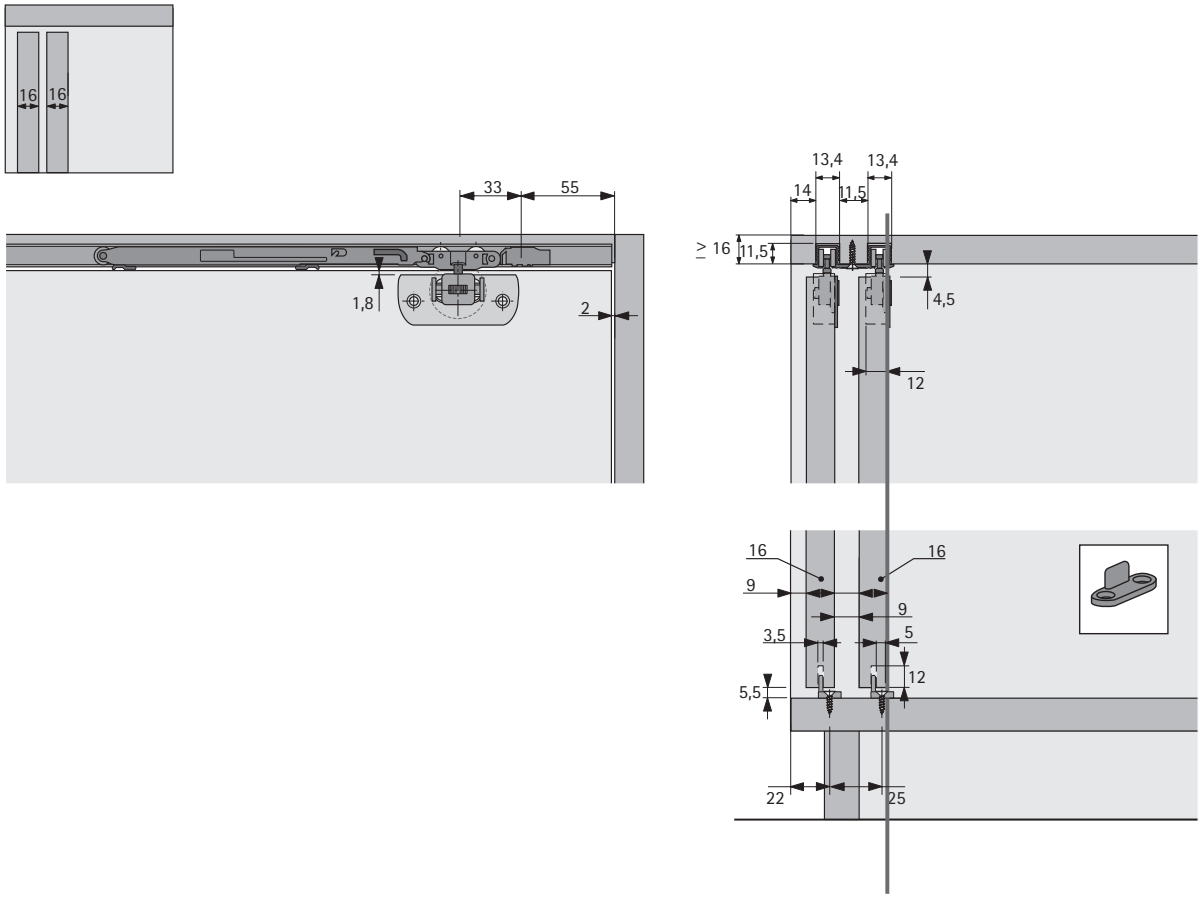
Operating principle



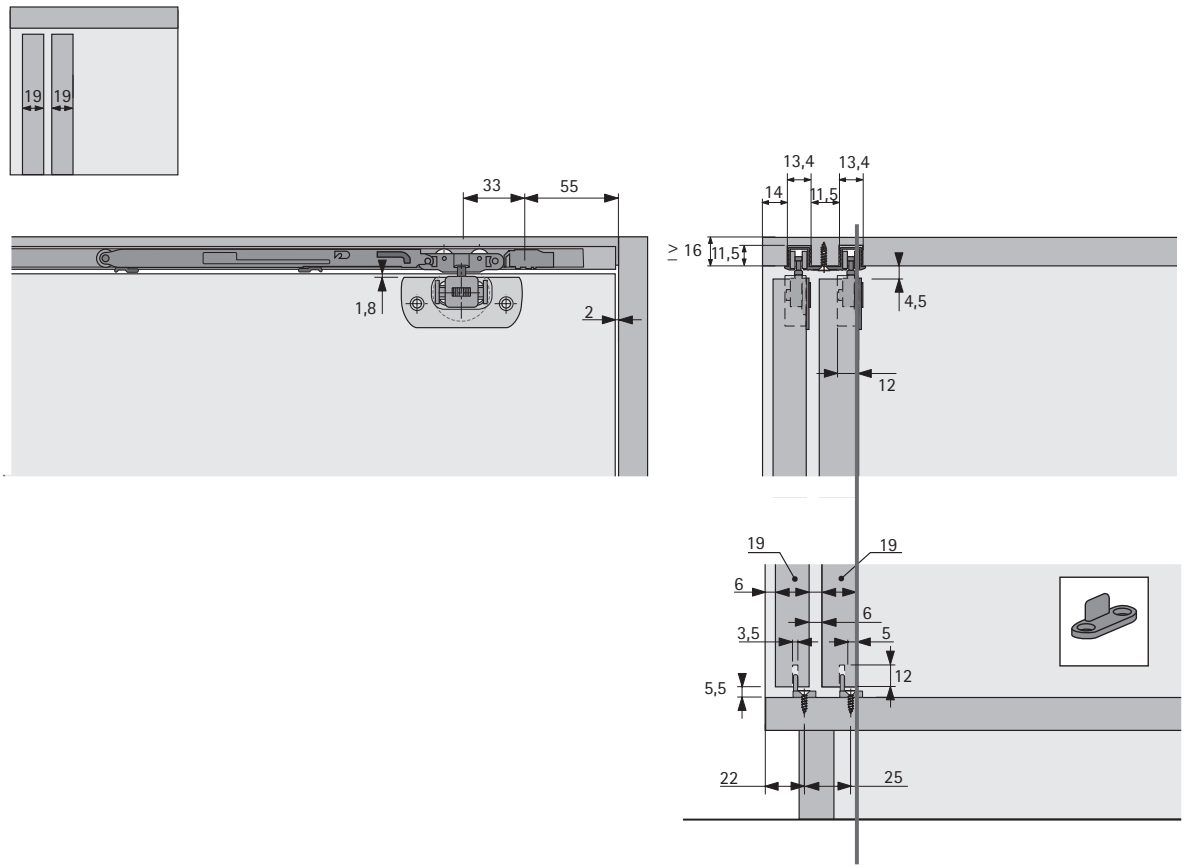




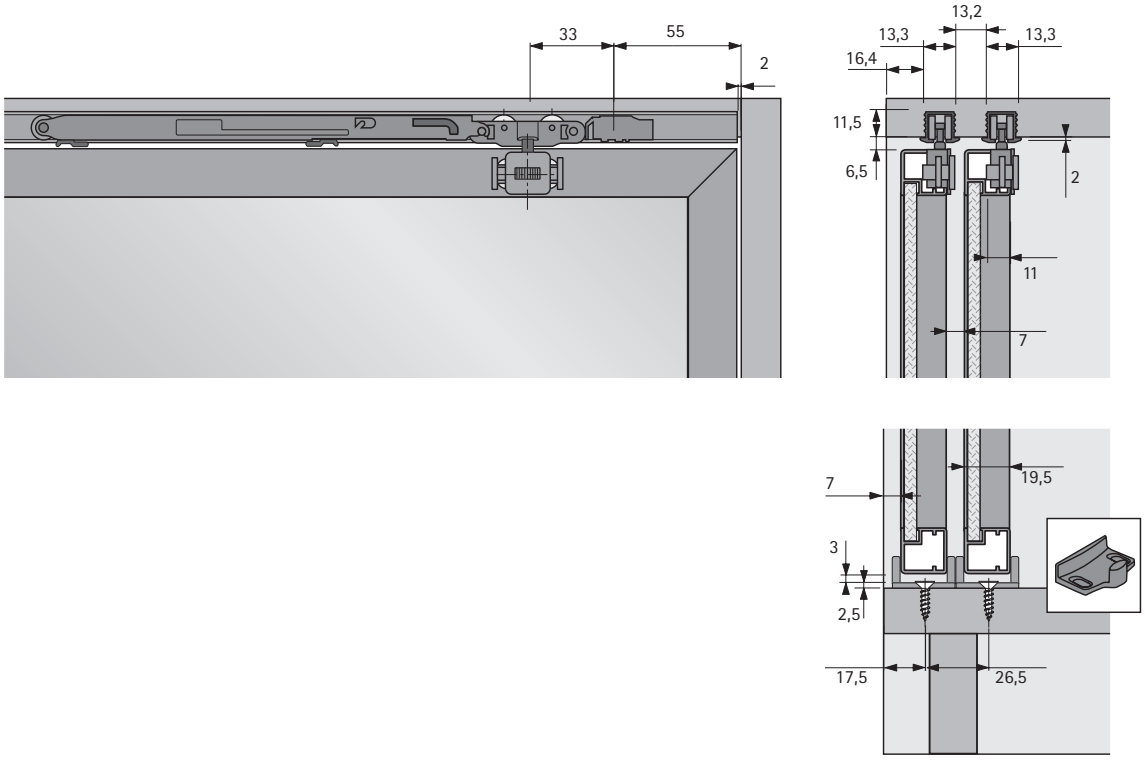
Installation dimensions for 16 mm wooden doors



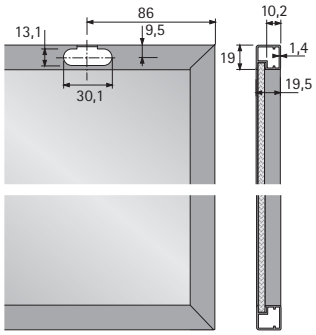
Installation dimensions for 19 mm wooden doors



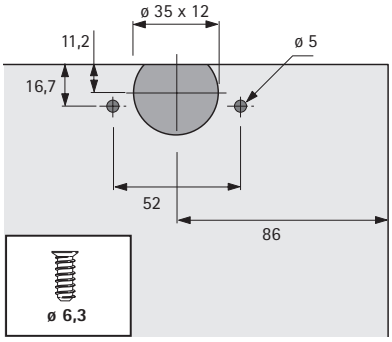
Installation dimensions for 19 mm aluminium framed doors



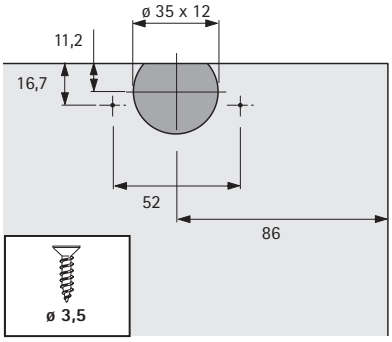
Drilling pattern for aluminium framed door



Drilling pattern for wooden door

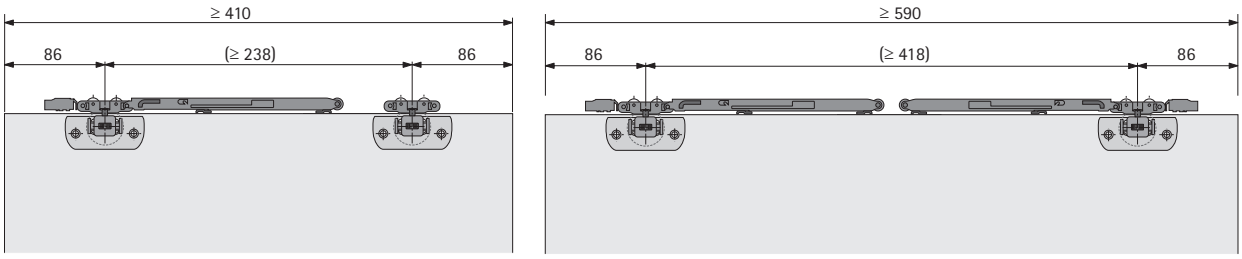


Adapter for wooden doors for screwing on

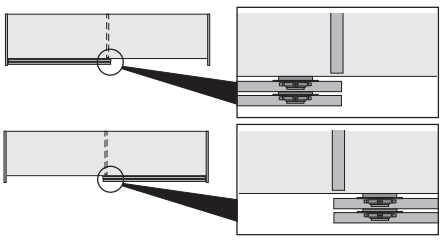


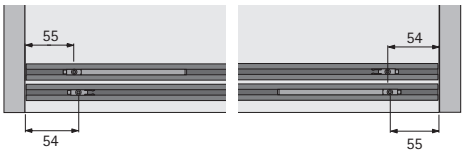
Adapter for wooden doors for screwing on

Minimum door width

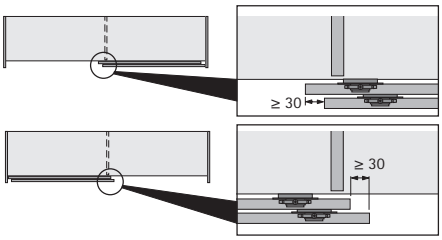


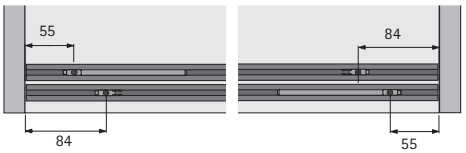
Positioning end stop and activator for flush opening



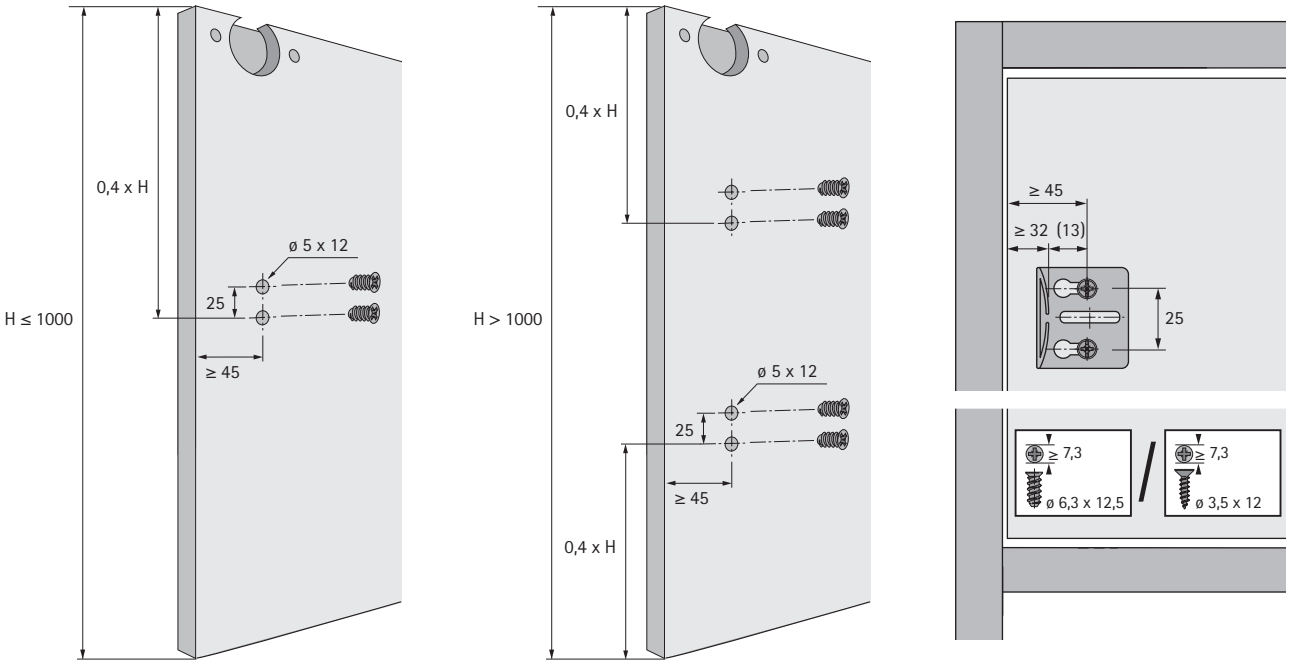


Positioning end stop and activator for offset opening

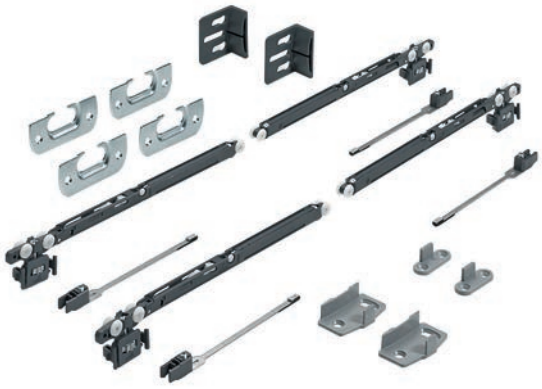




Drilling pattern for door stop / spacer



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



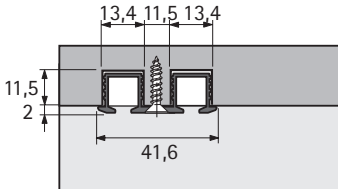
- Set contains components for a 2-door cabinet
- Quietly and gently closing sliding doors
- With integrated, tool-less height adjustment

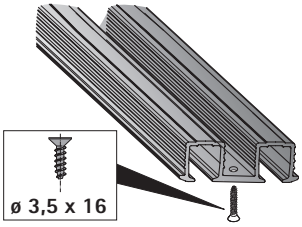
Set comprises:
- 2 running components
- 2 running components with Silent System
- 2 activators for Silent System
- 2 end stops
- 4 adapters for wooden doors
- 2 bottom guide components for wooden doors
- 2 bottom guide components for aluminium framed doors
- 2 door stops / spacers

Order no.	PU
9 134 311	1 set

Screw on runner profile





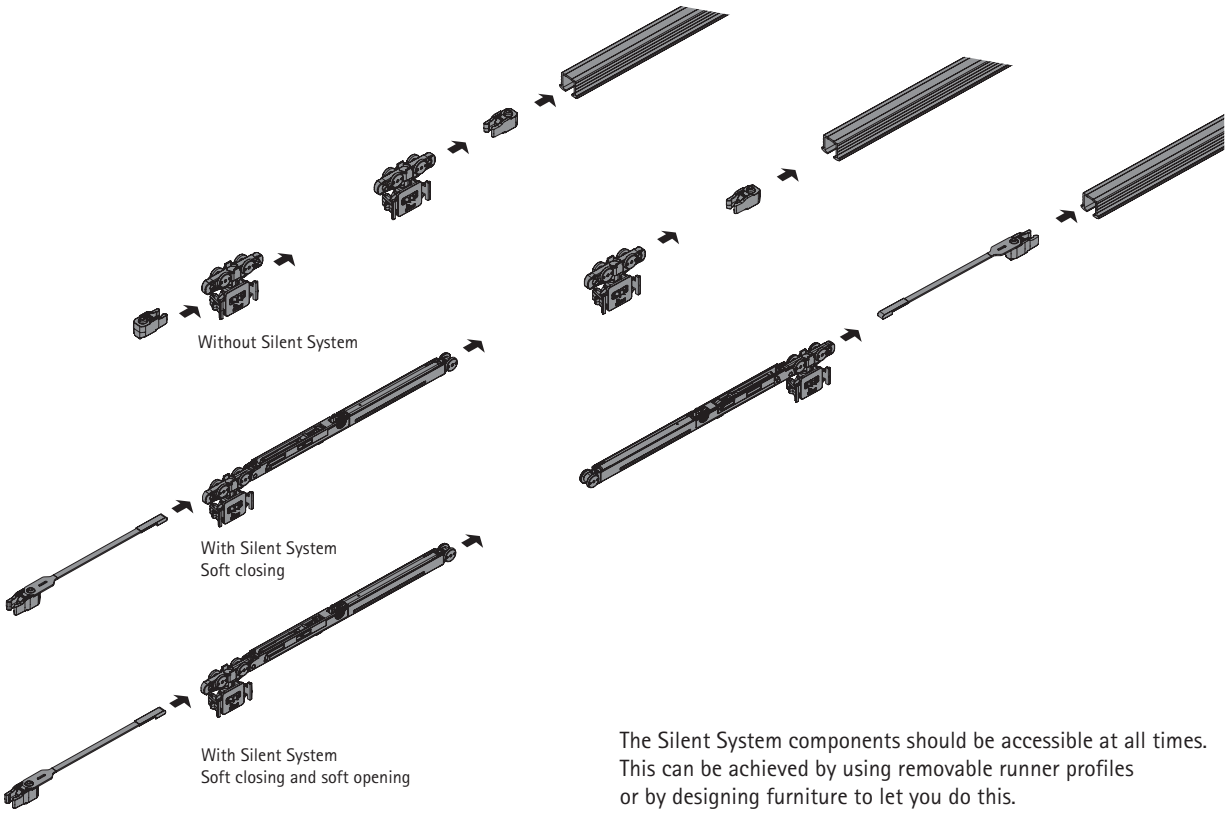


- Top panel thickness 16 mm min.
- Door thickness 19 mm max.
- Aluminium, bright

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.

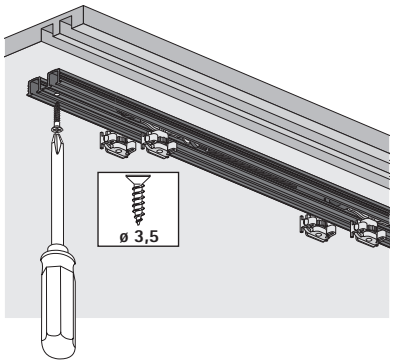
Length mm	**Order no.**	PU
2000	**9 136 105**	1 ea.

Fitting running components, end stops and activators into the profile

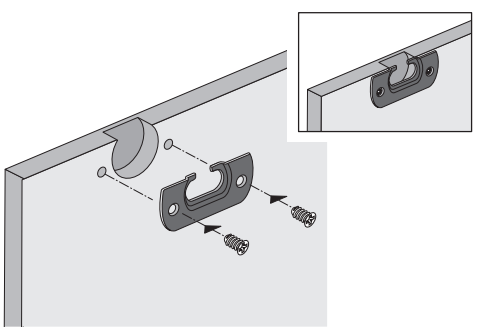


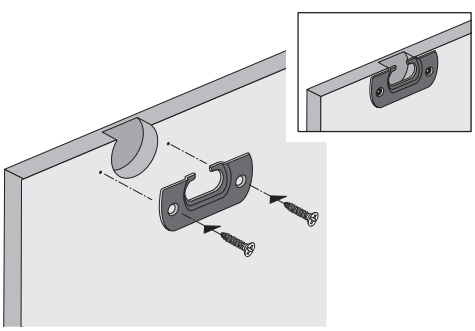
The Silent System components should be accessible at all times. This can be achieved by using removable runner profiles or by designing furniture to let you do this.

Installing the runner profiles

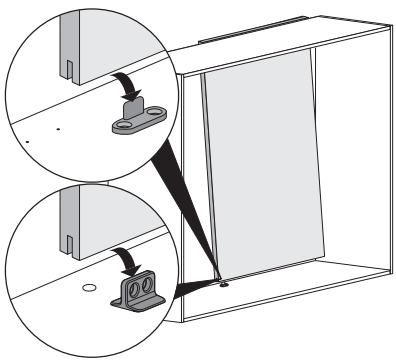


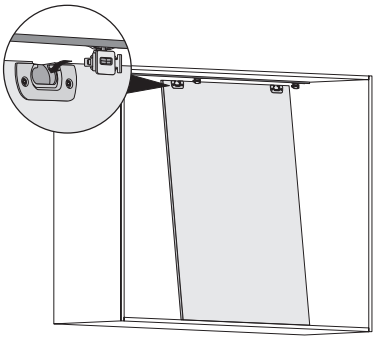
Installing the adapters for wooden doors



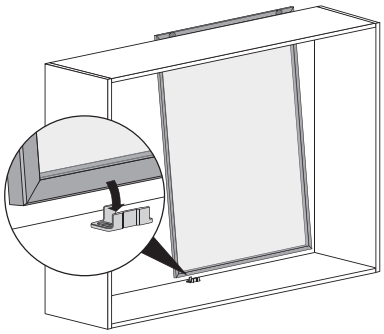


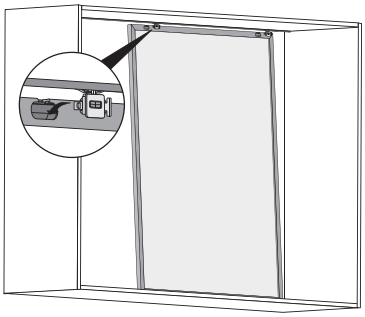
Hooking in wooden doors



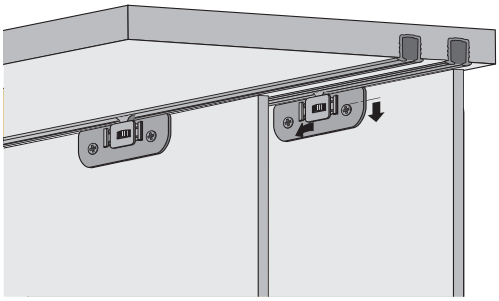


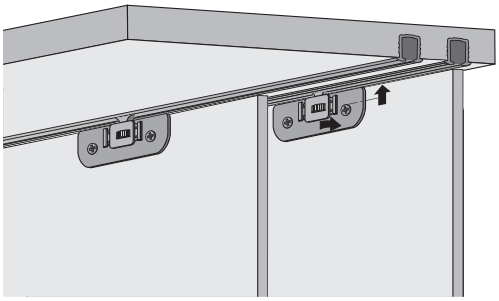
Hooking in aluminium framed doors



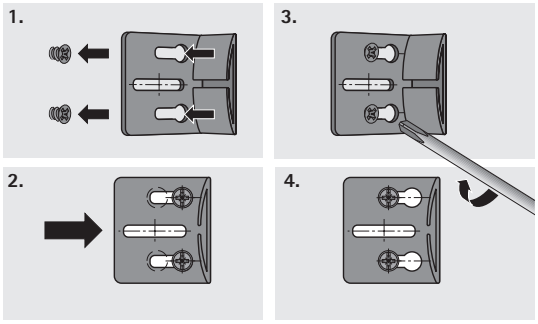


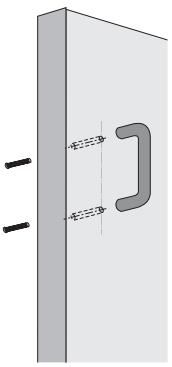
Height adjustment





Installing door stop / spacers and handles





Page
Description
Number of runners
Door action
Door position
Door weight
Door material
Door width mm
Door height mm
Silent System

Sliding door system / bottom running

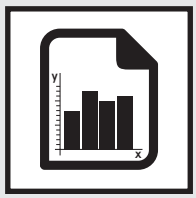
▸ Range summary / technical comparison

SlideLine M, overlay	SlideLine M, inset	SlideLine 55 Plus	SlideLine 97
			
38 - 53	54 – 67	68 - 81	82 - 93
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
1	2	2	1, 2
Horizontal	Horizontal	Horizontal	Horizontal
Overlay	Inset	Inset / overlay	Inset
▸ 30 kg max.	▸ 30 kg max.	▸ 15 kg max. with plastic profile ▸ 30 kg max. with aluminium profile	▸ 25 kg max.
Wood Aluminium Glass	Wood Aluminium Glass	Wood	Glass
300 - 1800	300 - 1800		250 - 2500
up to 2000	up to 2000	700 - 1500	up to 2800
Soft closing, soft opening, soft colliding	Soft closing, soft opening, soft colliding	Soft closing, soft opening	N/A

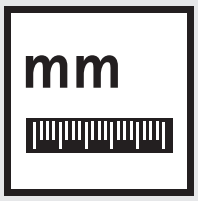
SlideLine M / overlay door position



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 forgotton efficiency, however, and SlideLine M is easy and fast to install.



Performance summary 40 – 41
- Technical details in brief
- Door sizes
- Silent System
- Operating principle



Planning dimensions 42 – 45



System components 46 – 49

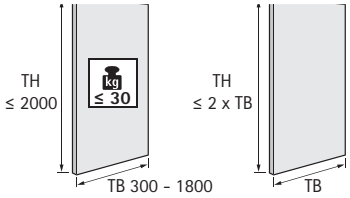


Installation 50 – 53

Technical details in brief

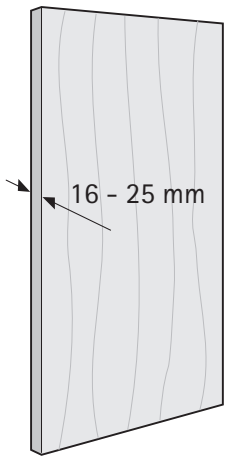
- 1-track, bottom running sliding door system
- Overlay door position
- Wooden, glass or aluminium framed doors
- Door weight up to 30 kg
- Door height up to 2000 mm
- Door width from 300 - 1800 mm
- Shelf thicknesses 15, 16, 18, 19, 22, 25 mm
- +/- 2 mm height adjustment
- Silent System in closing, 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

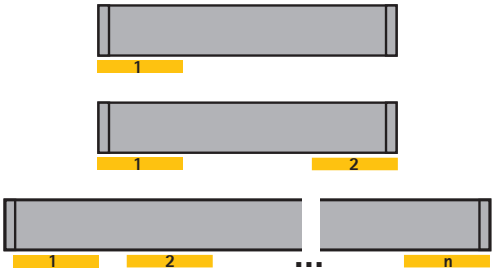


TB	300	400	500	600	700	800	900	1000 ... 1800
TH ≤	600	800	1000	1200	1400	1600	1800	2000 ... 2000

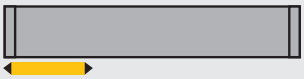
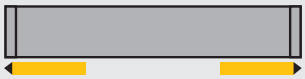
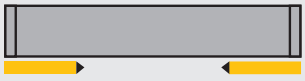
Door material



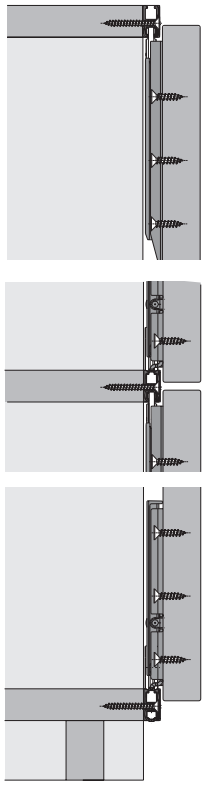
Number of door wings and door position

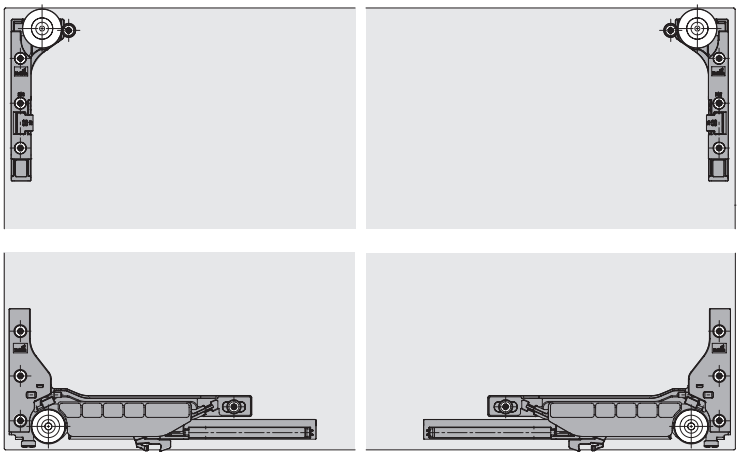


Silent System

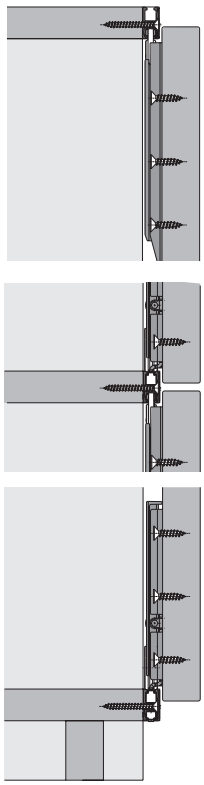
	1-door	with several doors
Soft closing		
Soft opening		
Soft colliding		

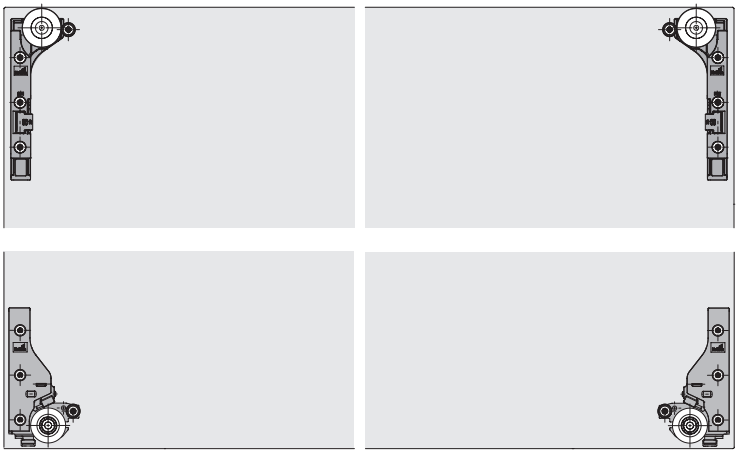
Operating principle / SlideLine M with Silent System



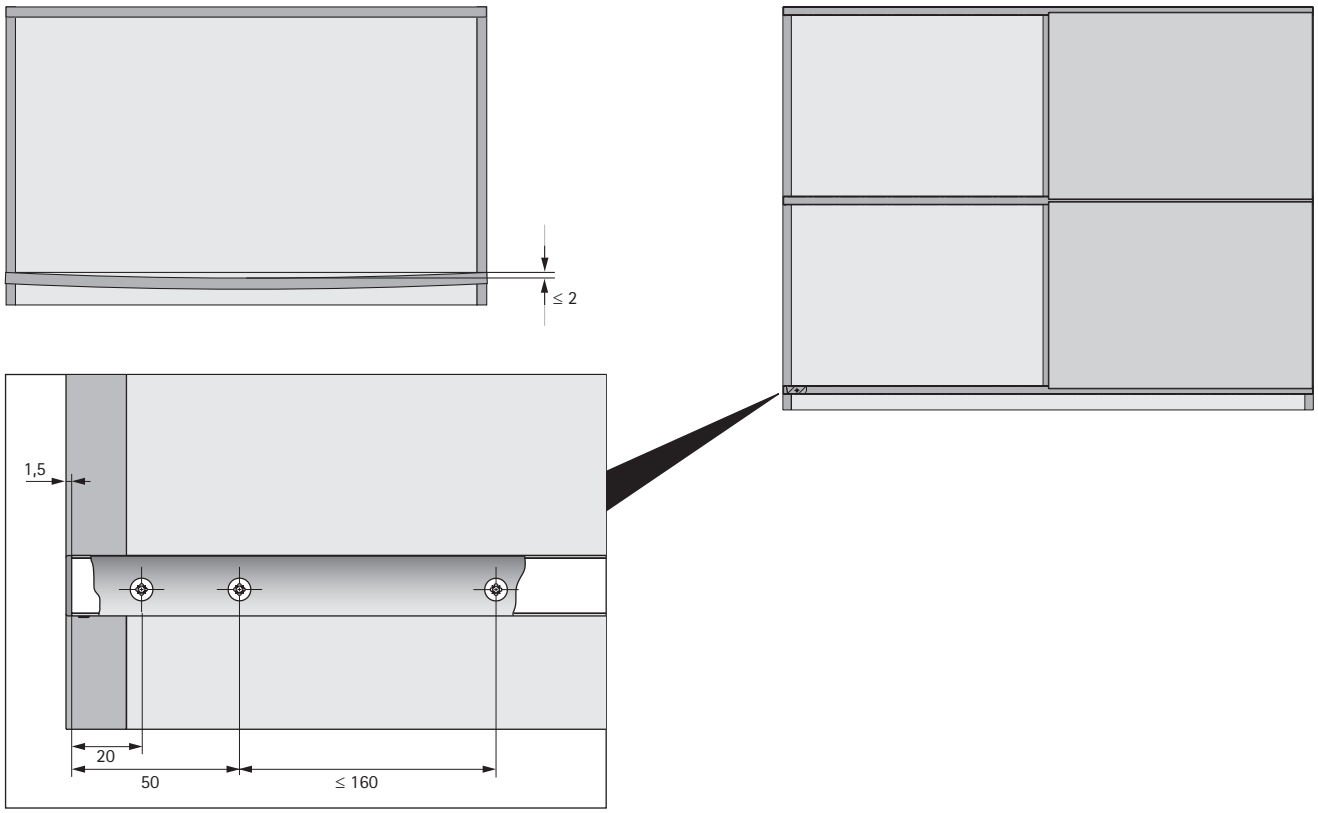


Operating principle / SlideLine M without Silent System





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.

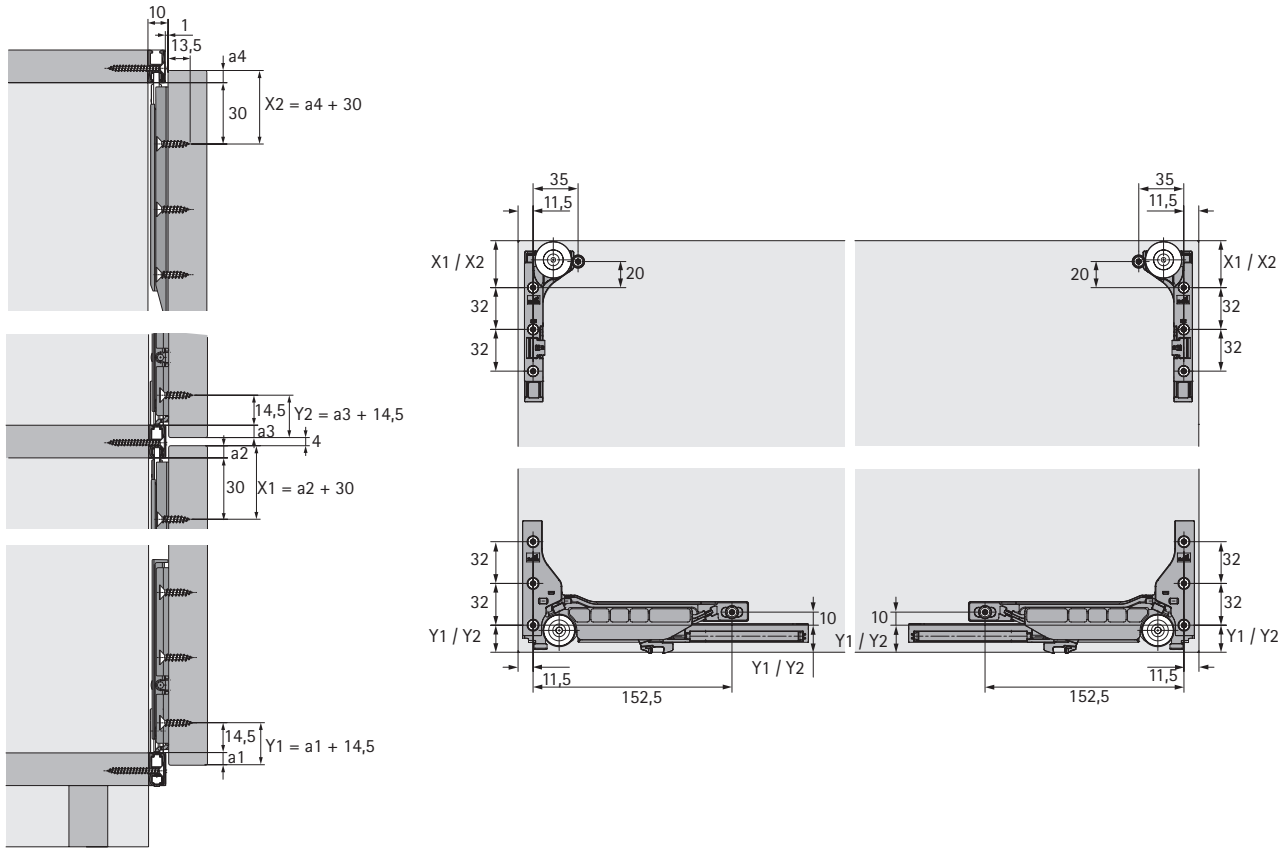
Technical specifications

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 ≤ 2 B	
Shelf thicknesses:	15 mm, 16 mm, 18 mm, 19 mm, 22 mm, 25 mm	
Height adjustment capability:	+/- 2.0 mm	

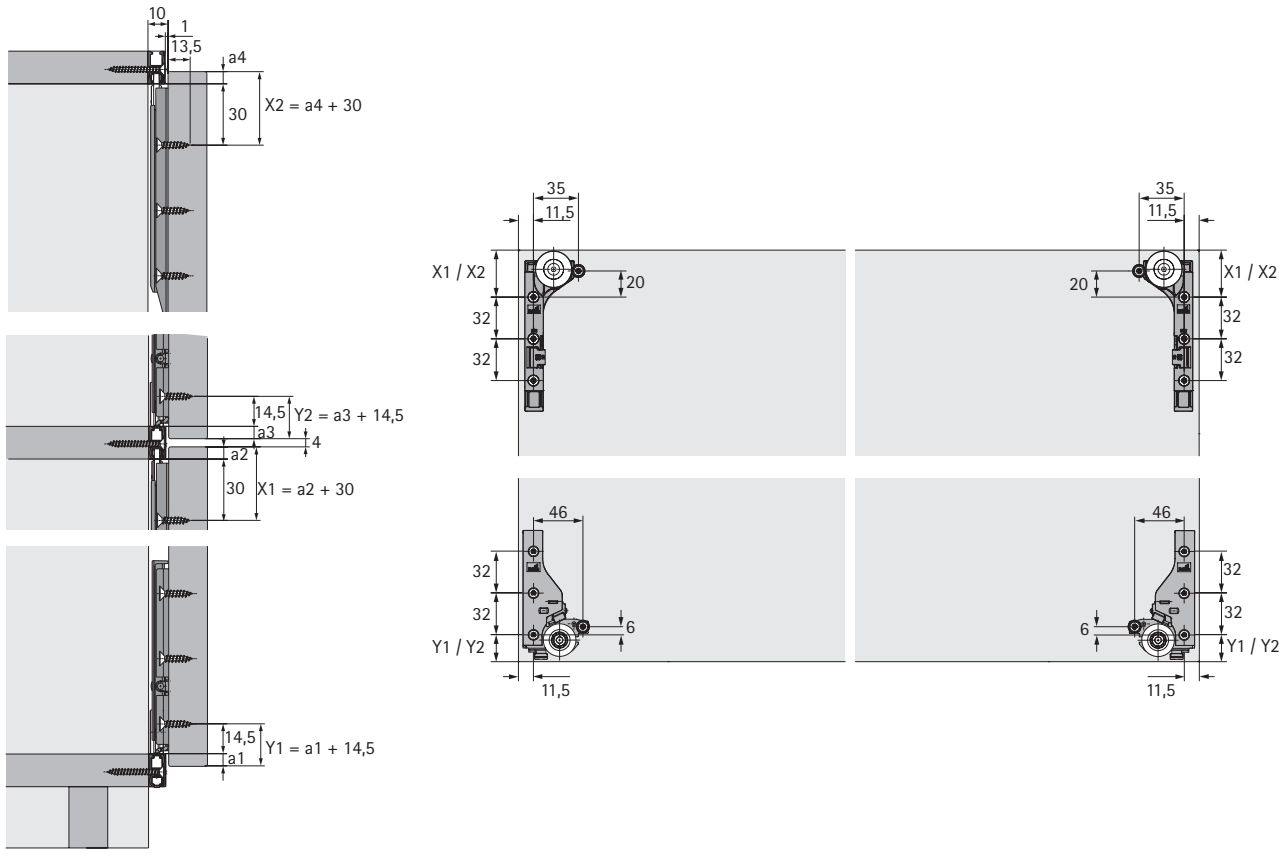
When constructing furniture, it is important to note that the sliding door must be no higher than twice its width. Up to this relative height, SlideLine M meets the above-stated quality and safety requirements under DIN EN 15706. If the specified maximum relative height is exceeded, the furniture construction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

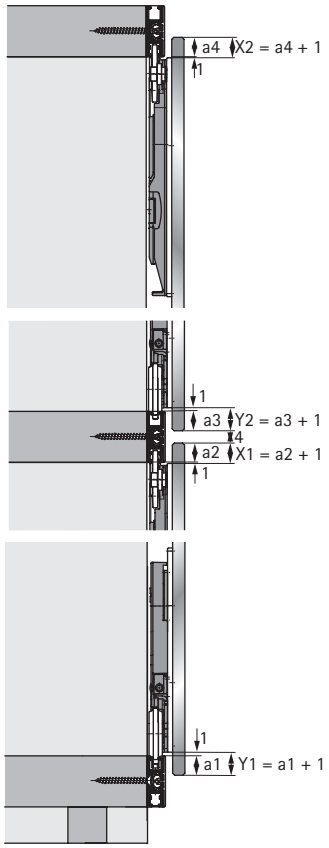
Installation dimensions wooden door with Silent System / 55 mm aluminium framed door

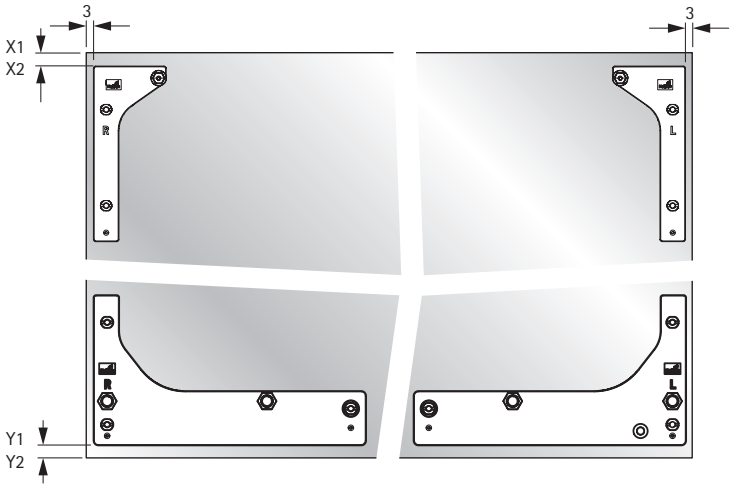


Installation dimensions for wooden door / 55 mm aluminium frame door without Silent System

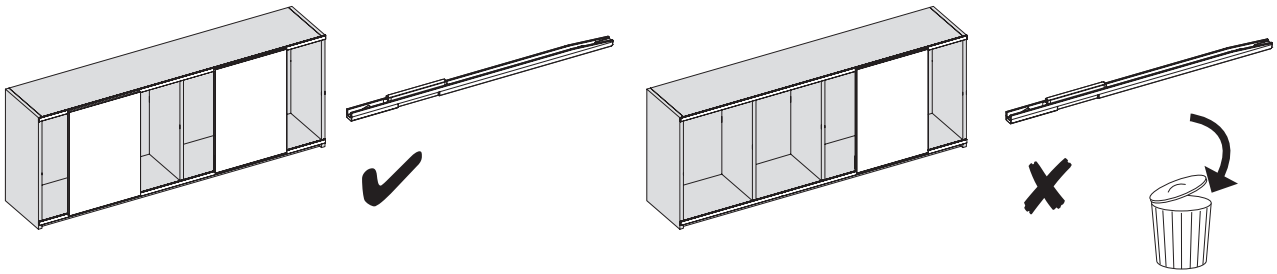


Installation dimensions for glue mounted glass door with Silent System



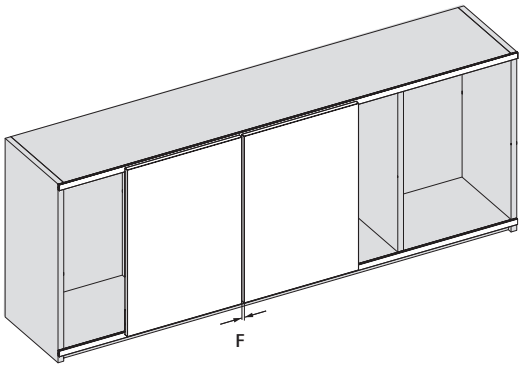


Soft colliding for two or more doors

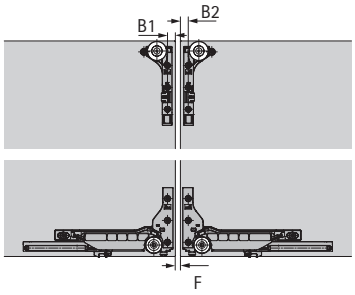


If two or more sliding doors run in one plane, they can be slowed down by soft colliding as they move towards each other.

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.

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	**9 201 921**	1 set
30	Wooden doors, 55 mm aluminium framed door	450	**9 156 338**	1 set

Set of fittings for doors without Silent System

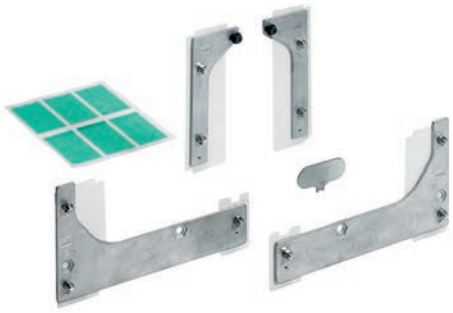


- Set contains all the components required for 1 sliding door framed in wooden or 55 mm aluminium profiles without Silent System
- The set of fittings can be used without an additional upgrade set
- Suitable sheet metal screws must be used for installing the running and guide components on the 55 mm 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	**9 156 339**	1 set

Upgrade set for glue mounted glass doors with Silent System

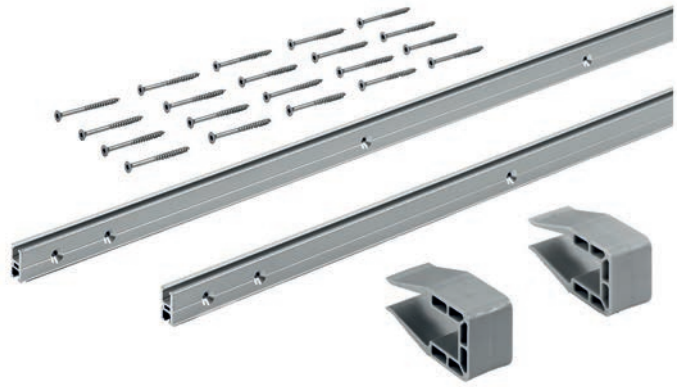


- Set contains all the upgrade components required for glue mounting 1 glass sliding door without Silent System
- For use with 2-component adhesive
- Supplied without adhesive
- Mounting adapter material: zinc alloy to DIN EN 12844-ZP5

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

Profile sets: 2 profiles

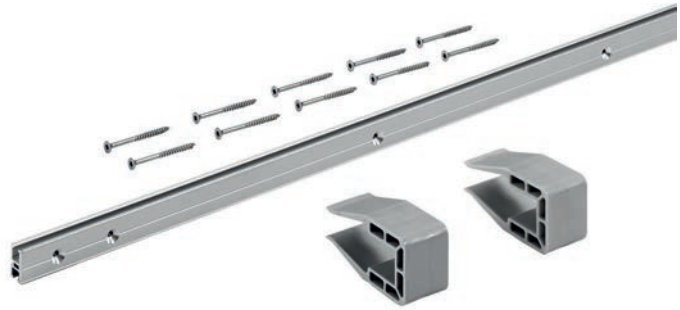


- Profiles can be shortened as required
- If long enough, profiles can be cut into two and used as top and bottom runner profiles
- Coloured sets contain twice as many end caps

Set comprises:
- 2 runner profiles, aluminium, silver anodized, predrilled
- 2 mounting clips
- Fixing material

Profile height mm	Shelf thickness in mm	Length mm	**Order no.**	PU
16	15,16	4000	**9 209 166**	1 set
18	18,19	4000	**9 209 218**	1 set
25	25	4000	**9 209 222**	1 set

Profile sets: 1 profile

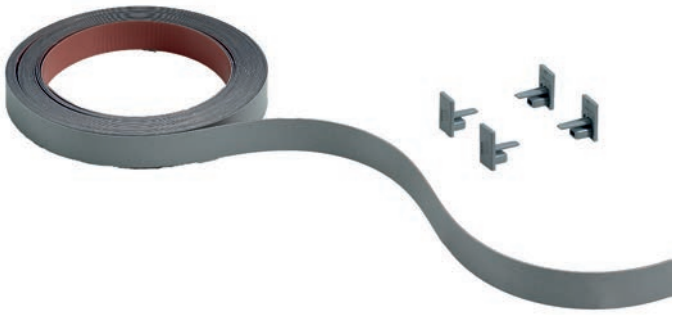


- Single profiles set as upgrade for furniture applications with doors running across each other
- Profiles can be shortened as required
- If long enough, profiles can be cut into two and used as top and bottom runner profiles
- Coloured sets contain twice as many end caps

Set comprises:
- 1 aluminium runner profile, silver anodized, predrilled
- 2 mounting clips
- Fixing screws

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
25	25	4000	**9 209 231**	1 set

Coloured sets for concealing the runner profiles with a cover



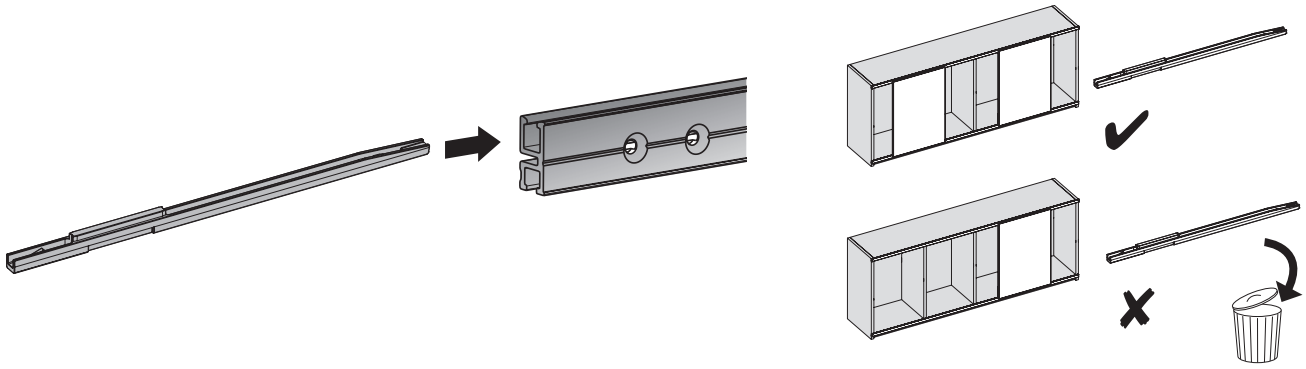
- Set contains all the components required for concealing 1 runner profile with a coloured cover

Set comprises:
- 1 ABS decorative profile for gluing on
- 2 end caps
- 2 end caps (replacement)

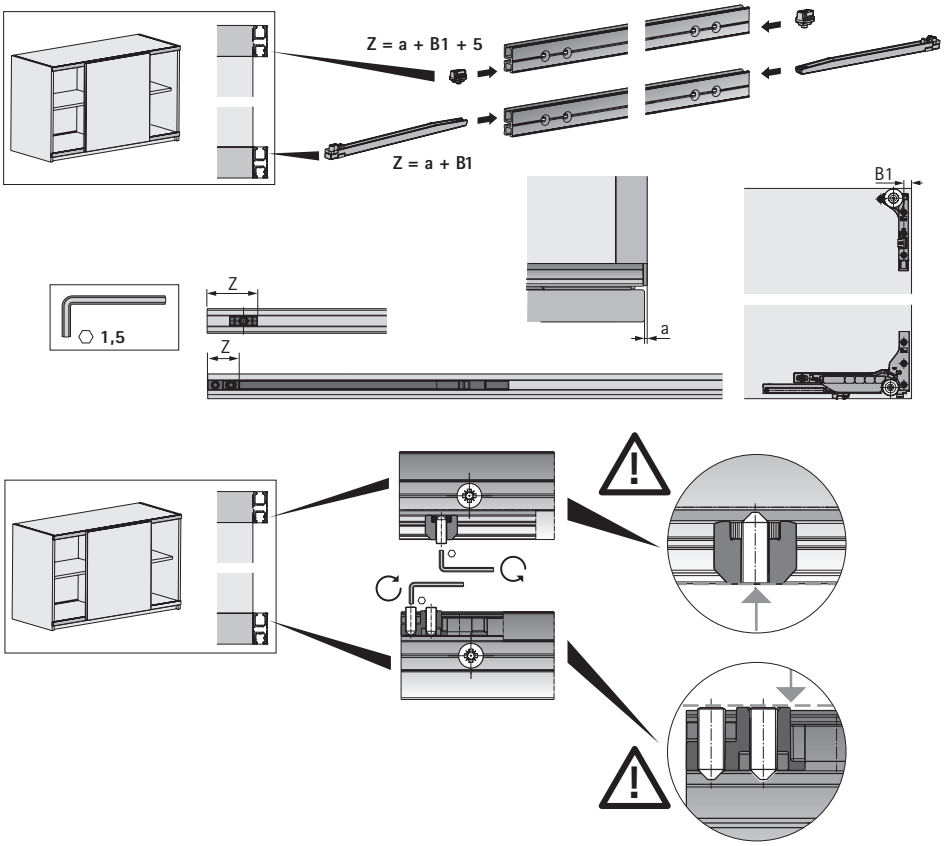
Advice:
- For each profile set: 2 profiles, please order 2 coloured sets separately

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
25	silver	4000	**9 209 400**	1 set
25	black	4000	**9 209 403**	1 set
25	white	4000	**9 209 405**	1 set

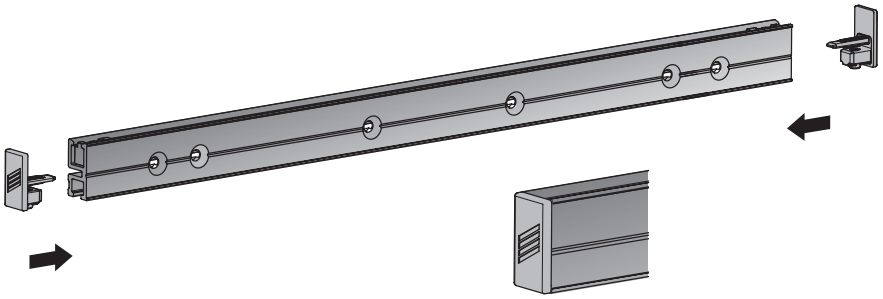
Installing the soft colliding element for two or more doors



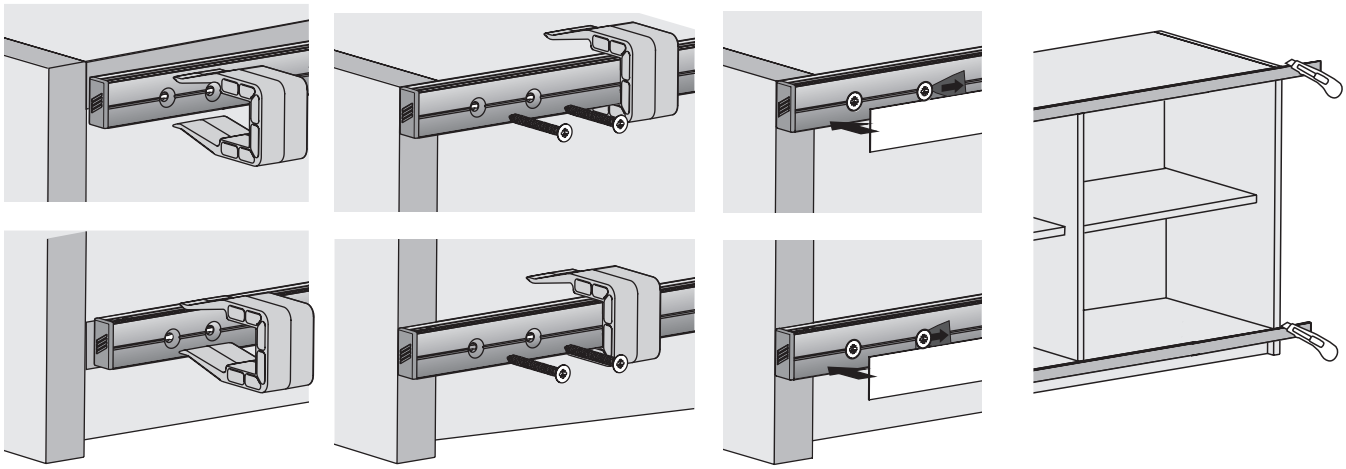
Installing activators and end stops in the runner profile



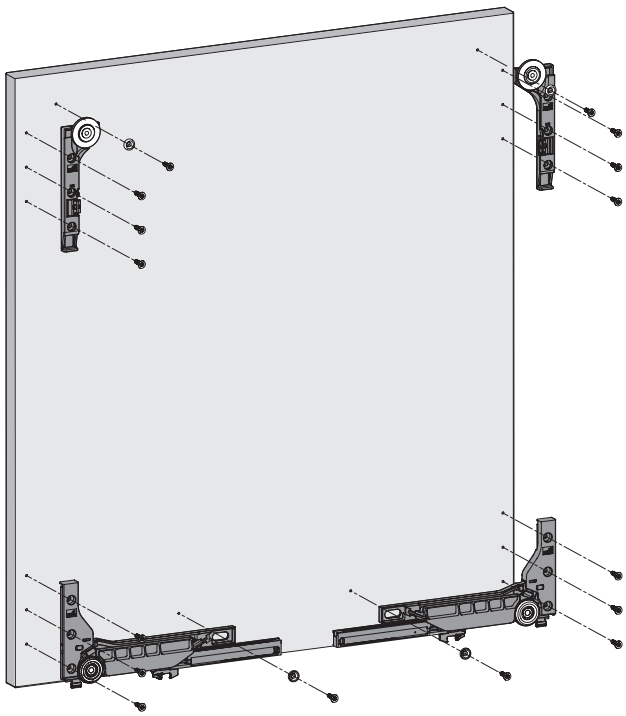
Installing end caps



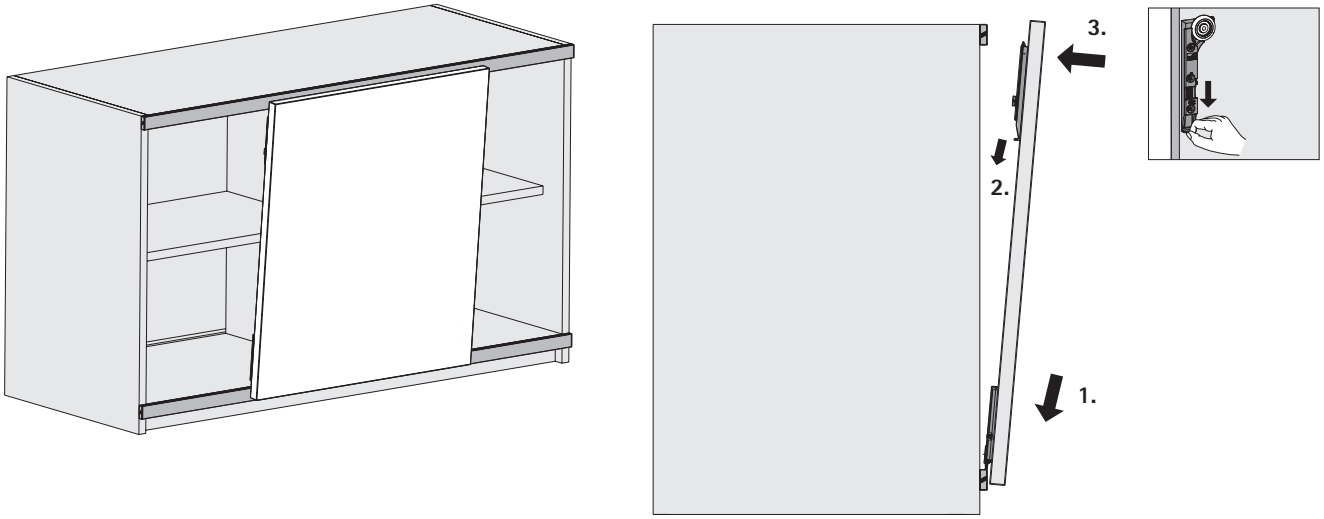
Installing the runner profiles and decorative profiles



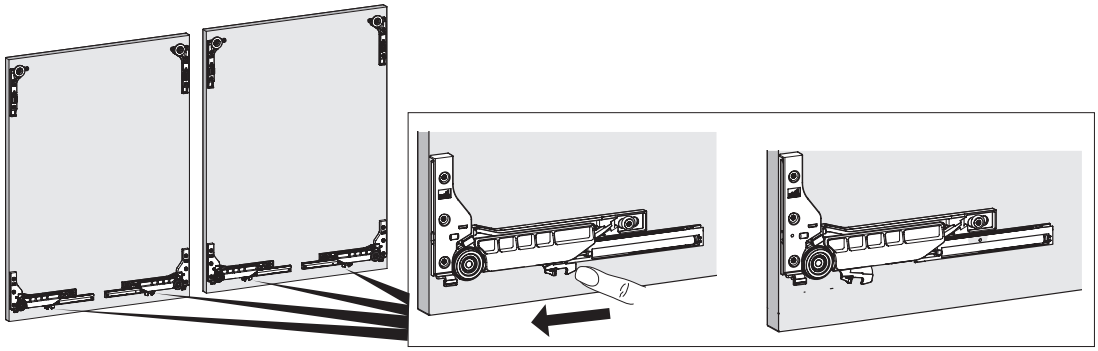
Installing the fitting and upgrade sets

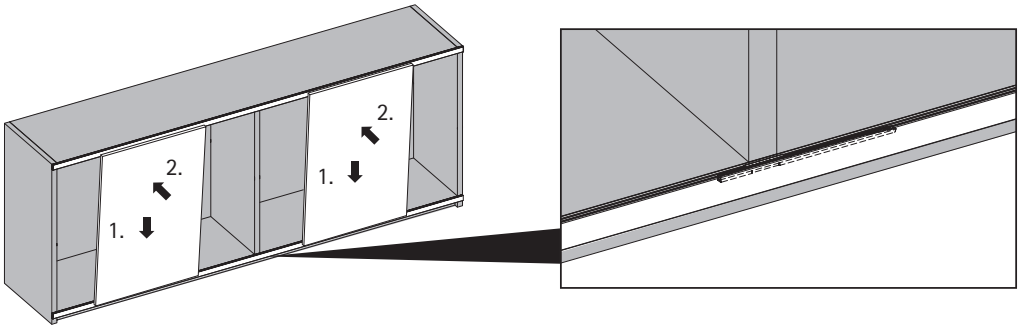


Installing door

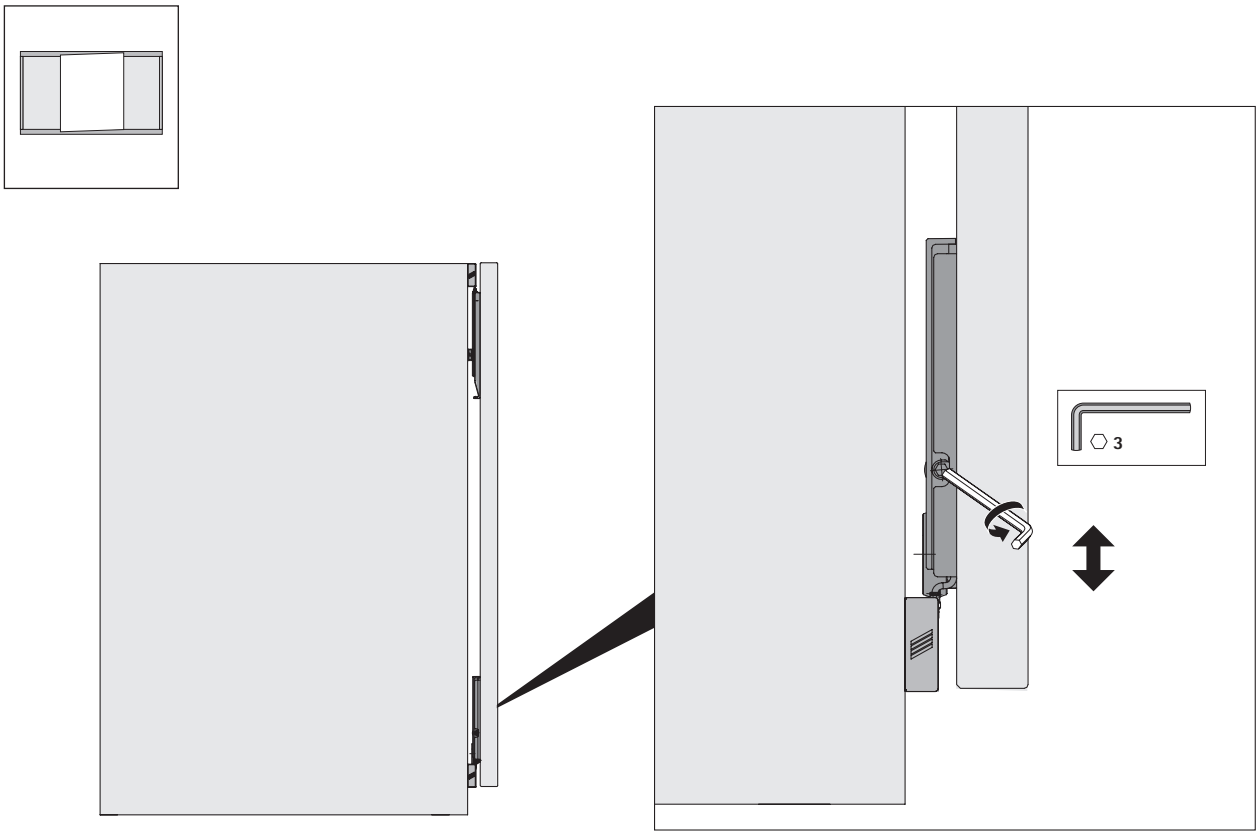


Installing several doors with soft colliding

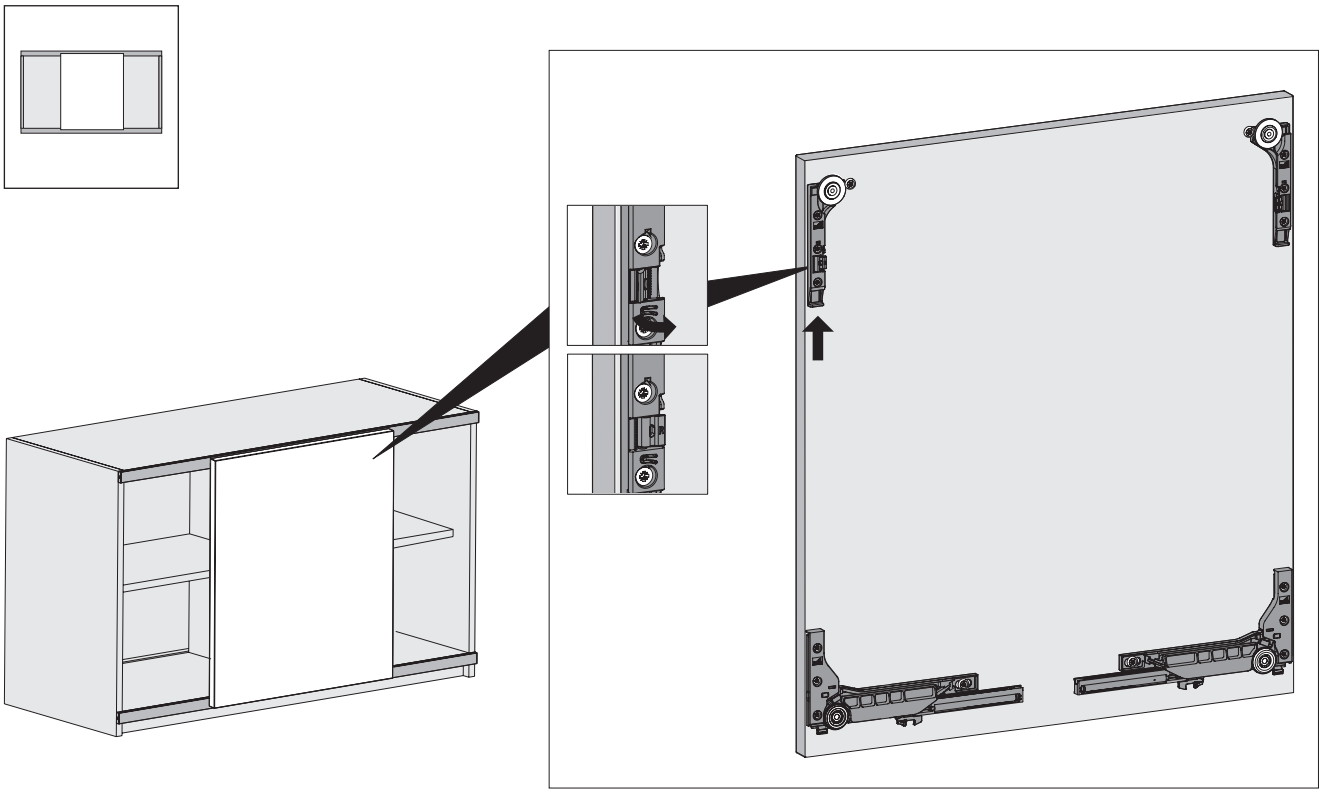




Aligning door



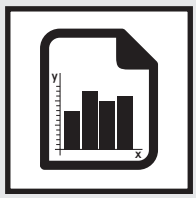
Securing door



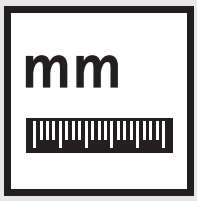
SlideLine M / inset door position



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.



Performance summary 70 – 71
- Technical details in brief
- Door sizes
- Silent System
- Operating principle



Planning dimensions 72 – 73



System components 74 – 75

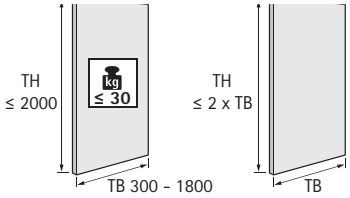


Installation 77 – 81

Technical details in brief

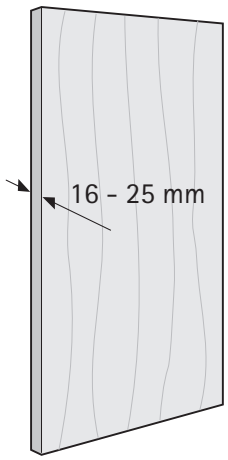
- 1-track or 2-track bottom-running sliding door system
- Inset door position
- Wooden, glass or aluminium framed doors
- Door weight up to 30 kg
- Door height up to 2000 mm
- Door width from 300 - 1800 mm
- 2-door or 3-door application
- +/- 2 mm height adjustment
- Silent System in closing, opening 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

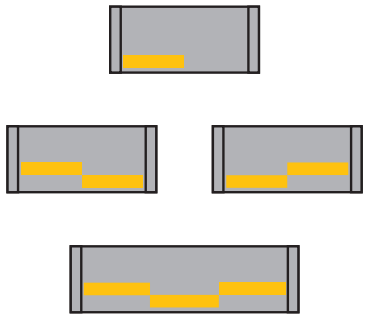


TB	300	400	500	600	700	800	900	1000 ... 1800
TH ≤	600	800	1000	1200	1400	1600	1800	2000 ... 2000

Door material



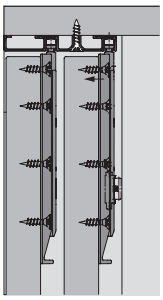
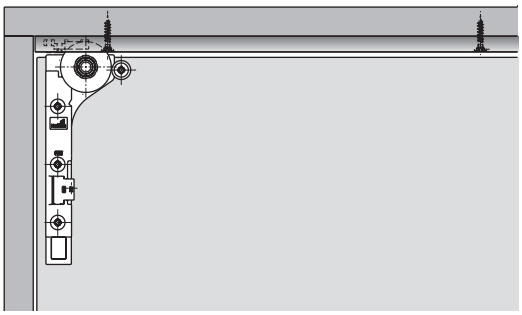
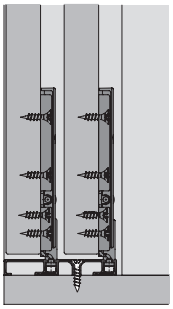
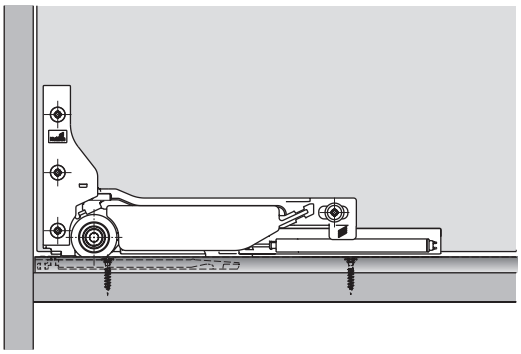
Number of door wings and door position



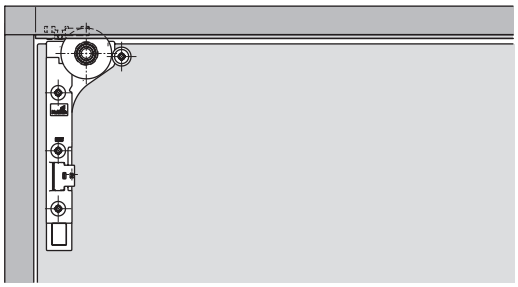
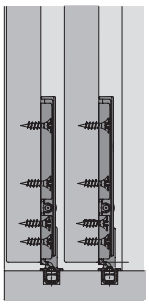
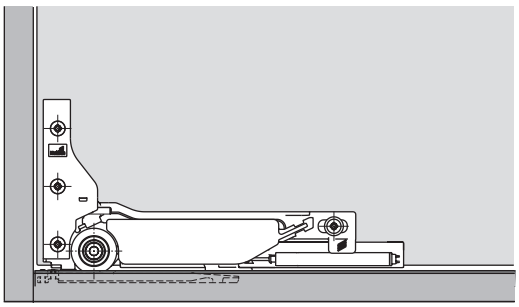
Silent System

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

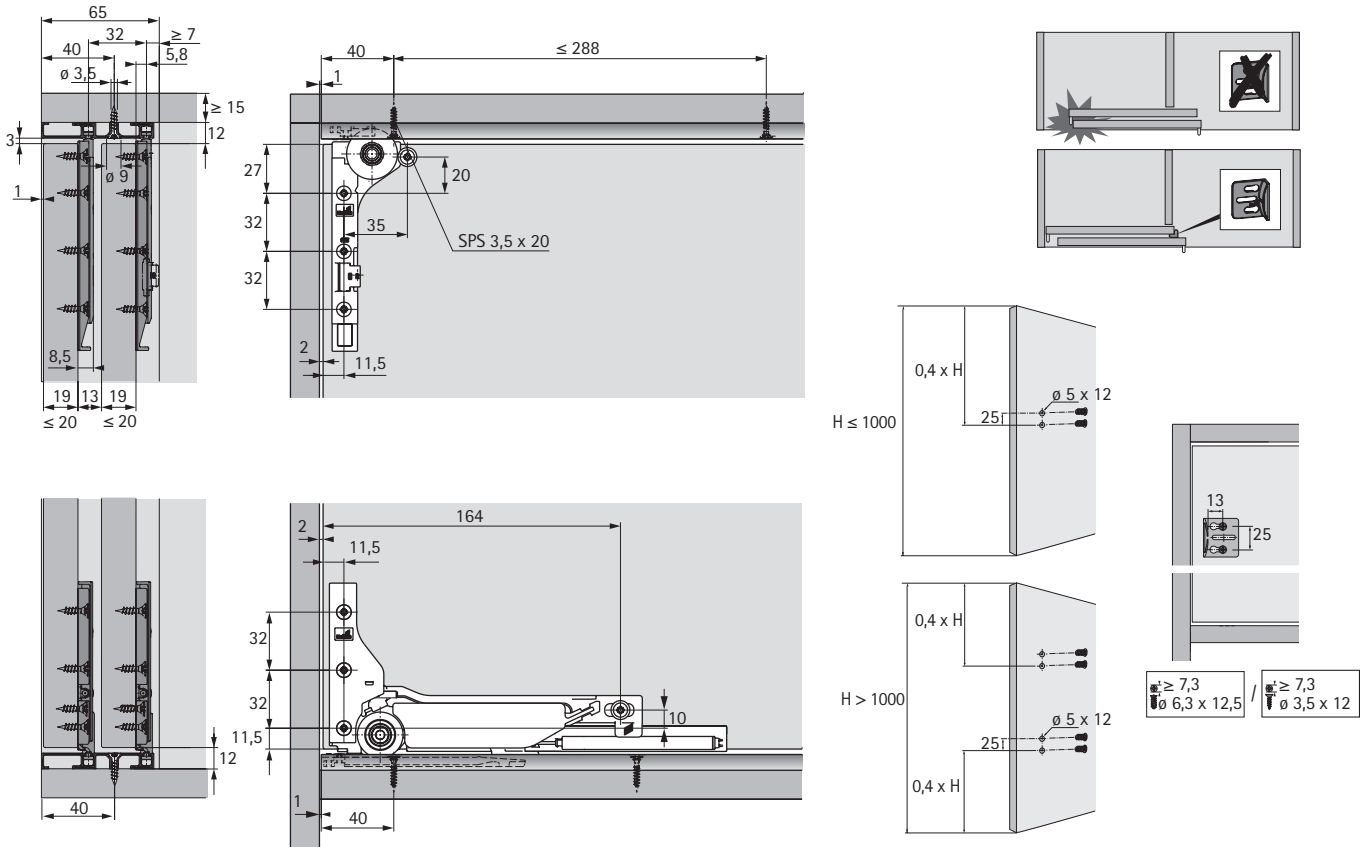
Operating principle / 2-track runner profile for screwing on / gluing on

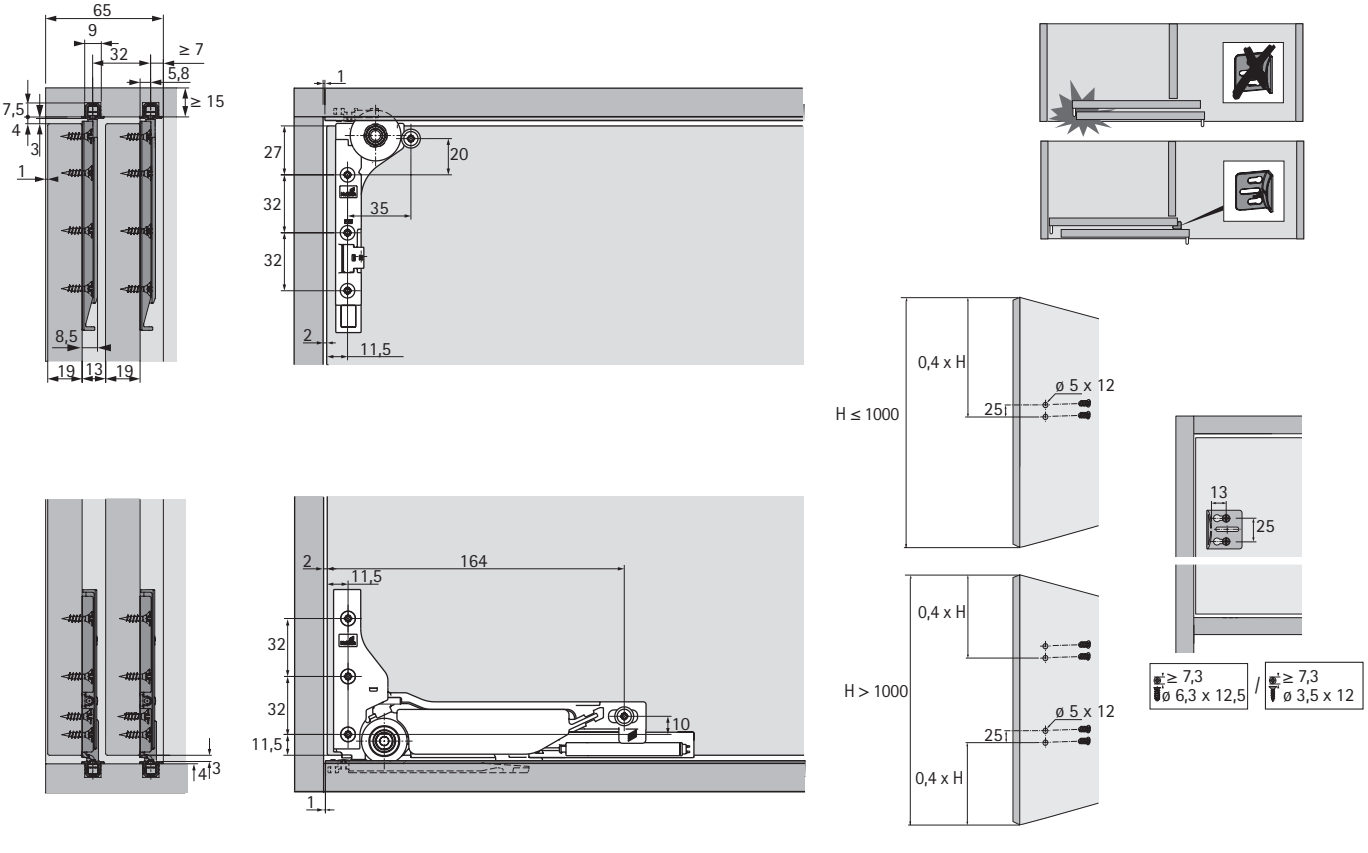
Operating principle / 1-track runner profile for pressing in

Installing 2-track runner profile for screwing on / gluing on



Installing 1-track runner profile for pressing in



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	**9 201 921**	1 set
30	Wooden doors, 55 mm aluminium framed door	450	**9 156 338**	1 set

Set of fittings for doors without Silent System

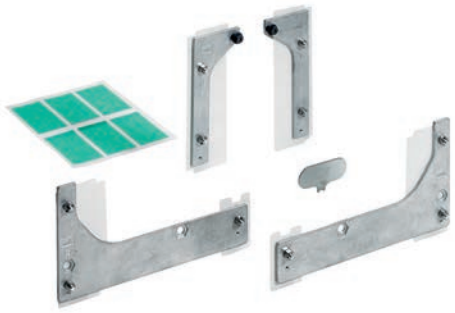


- Set contains all the components required for 1 sliding door framed in wooden or 55 mm aluminium profiles without Silent System
- The set of fittings can be used without an additional upgrade set
- Suitable sheet metal screws must be used for installing the running and guide components on the 55 mm 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	**9 156 339**	1 set

Upgrade set for glue mounted glass doors with Silent System

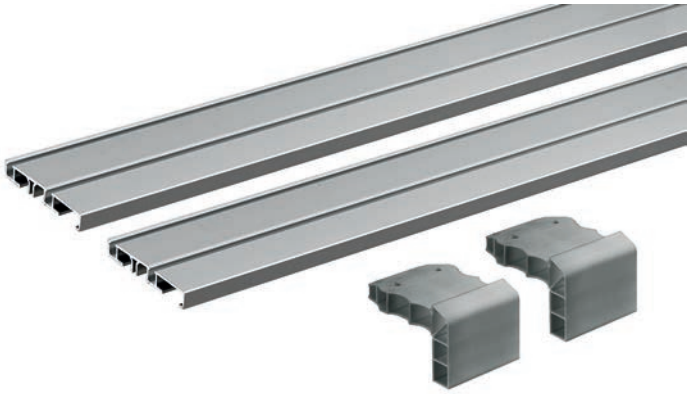


- Set contains all the upgrade components required for glue mounting 1 glass sliding door without Silent System
- For use with 2-component adhesive
- Supplied without adhesive
- Mounting adapter material: zinc alloy to DIN EN 12844-ZP5

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

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



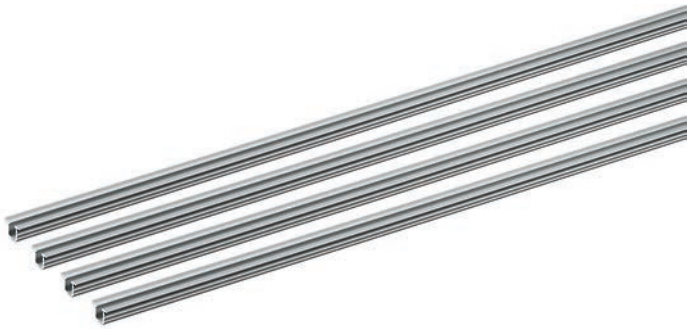
- Set contains all the profile components required for a 2-door or a 3-door cabinet
- Attachment in the screw slot or attachment using suitable adhesive tape

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

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

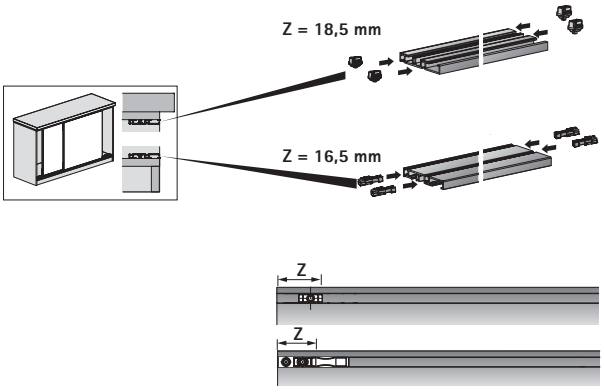


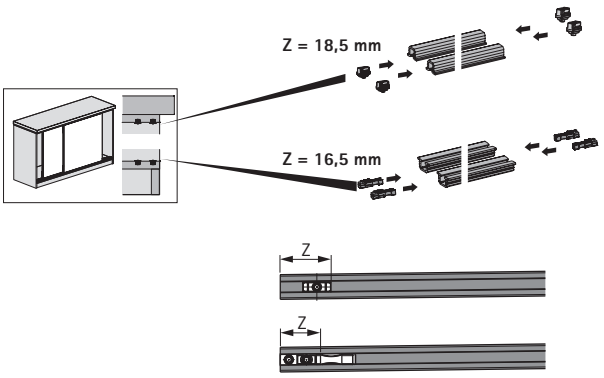
- 1 door application / spacer required for 2-door cabinet with a door height <1,000 mm
- 2 door stops / spacers are required for a 2-door cabinet in

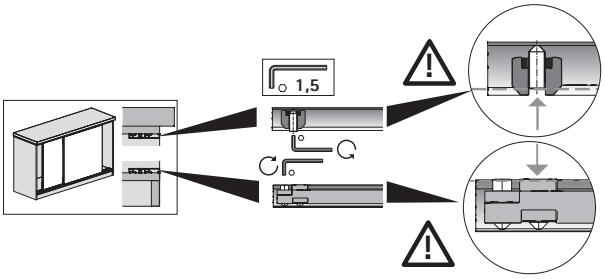
Order no.	PU
9 115 216	1/100 ea.

Installing activators and end stops in the runner profile

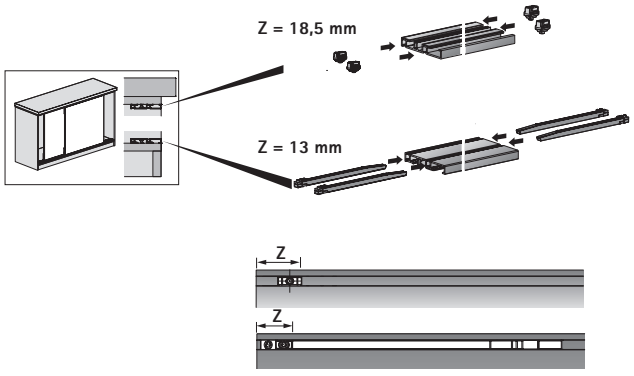
Silent System: ☒

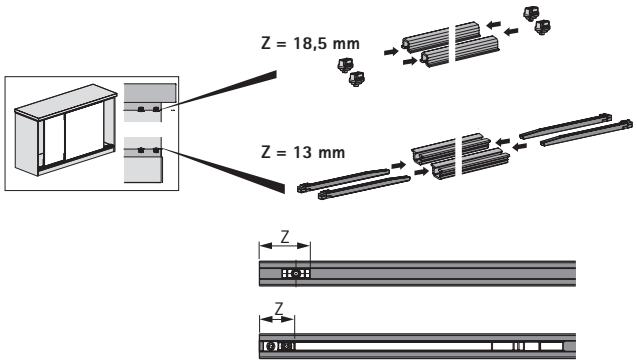




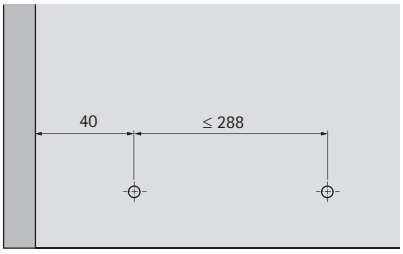


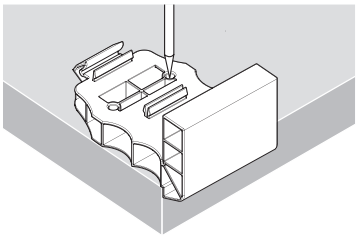
Silent System: ☑

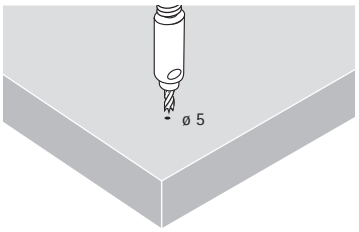


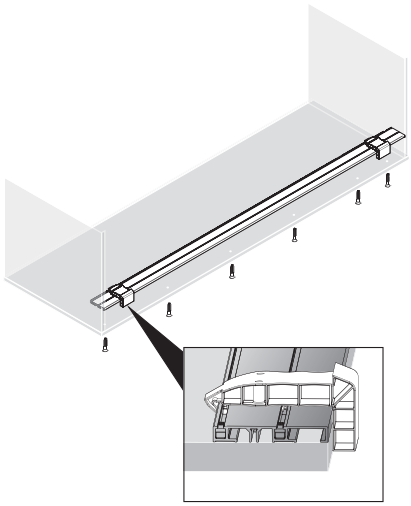


Installing 2-track runner profile for screwing on in the screw slot

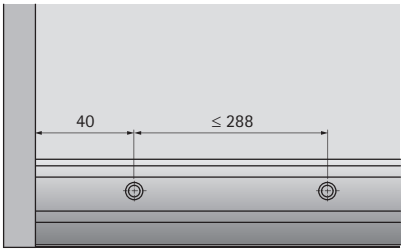


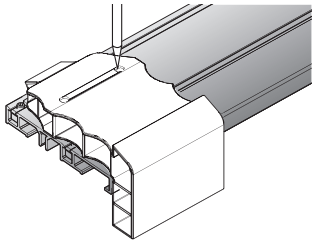


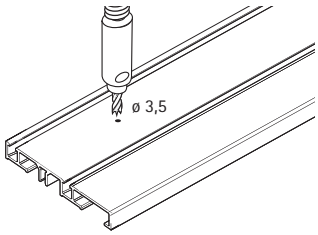


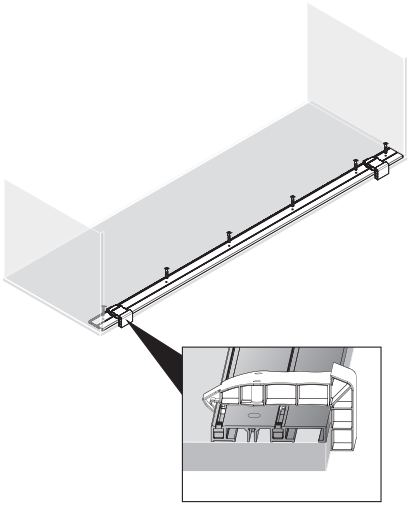


Installing 2-track runner profile for screwing on

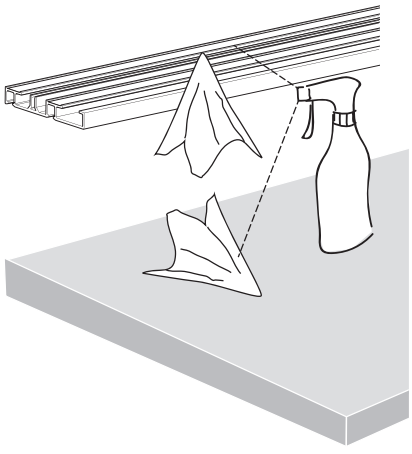


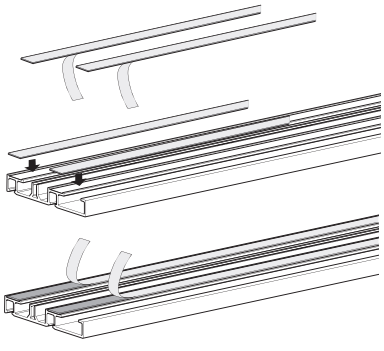


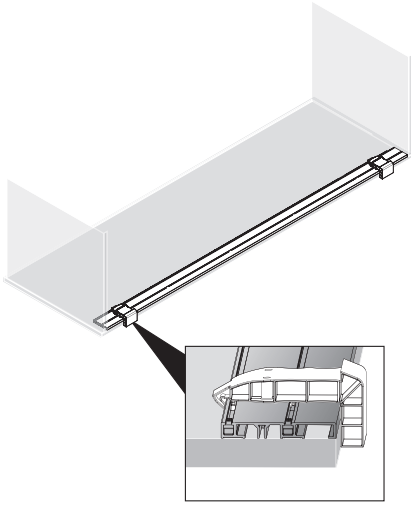




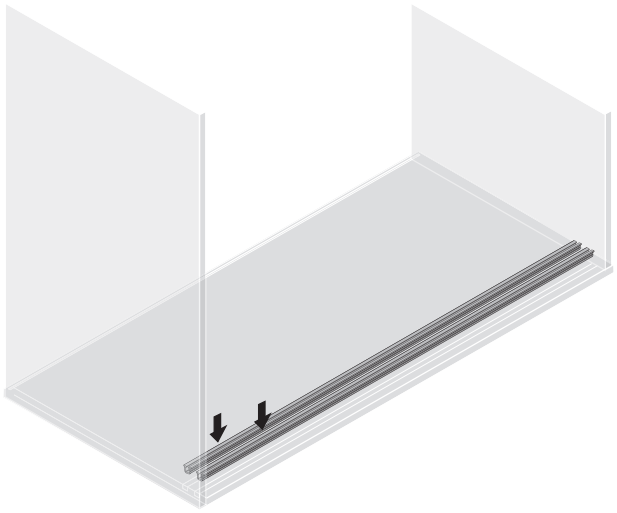
Installing 2-track runner profile for gluing on



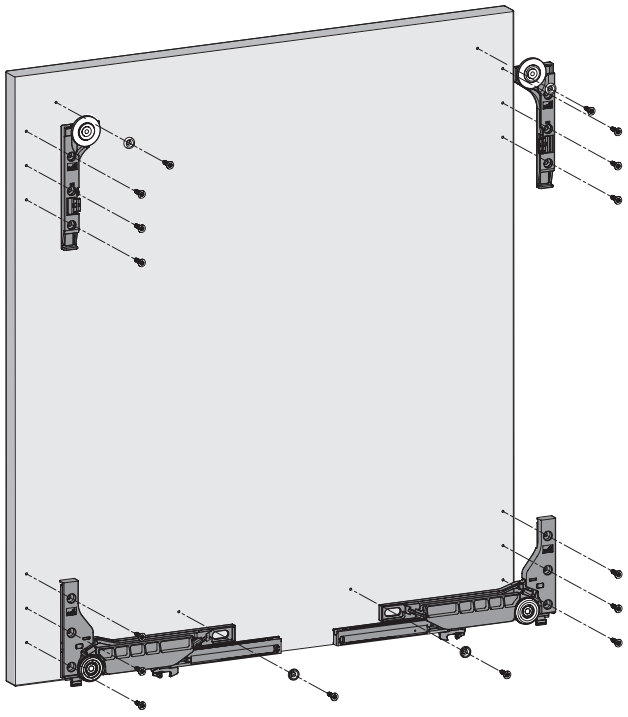




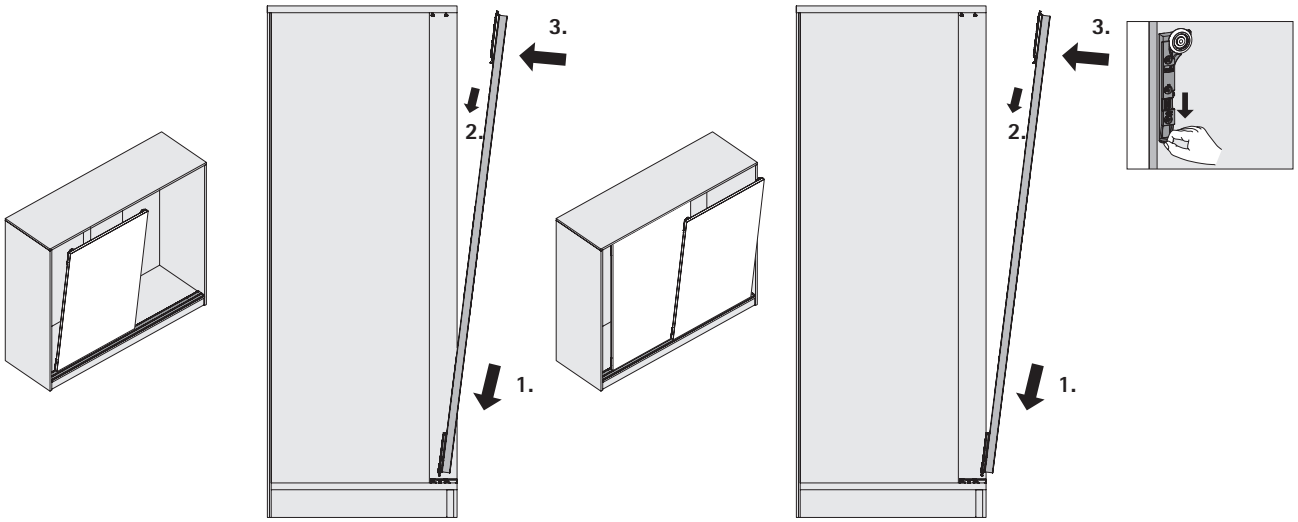
Installing 1-track runner profile for pressing in



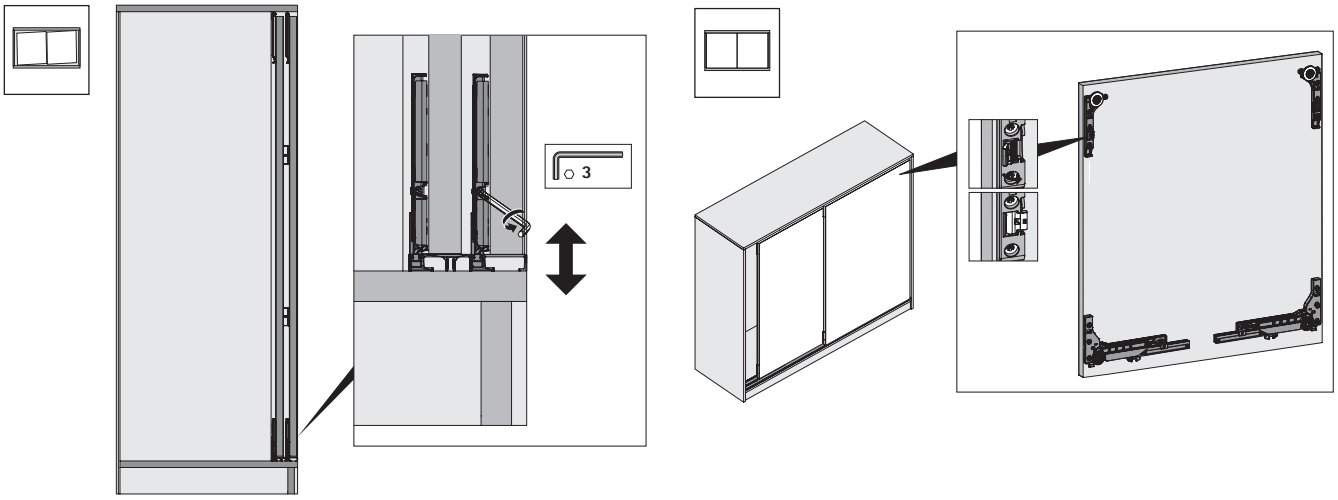
Installing the fitting and upgrade sets



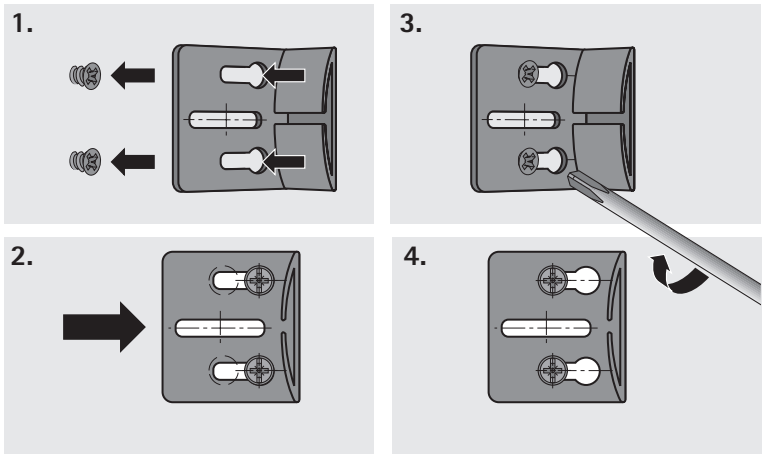
Installation the doors



Aligning doors



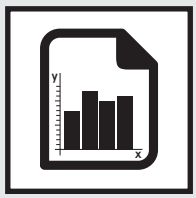
Installing spacer



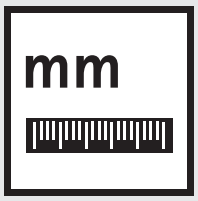
SlideLine 55 Plus / overlay and inset door position



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.



Performance summary 56 – 57
- Technical details in brief
- Door sizes
- Silent System
- Operating principle



Planning dimensions 58 – 59



System components 60 – 62

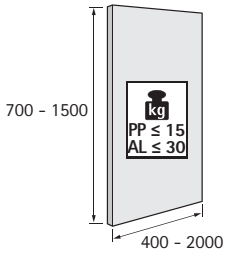


Installation 63 – 67

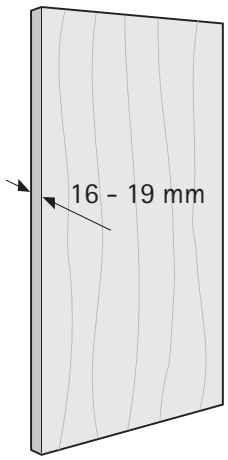
Technical details in brief

- 2-track, bottom-running sliding door system
- Inset, overlay door position
- For wooden doors
- Door weight up to 15 kg with plastic profiles
- Door weight up to 30 kg with aluminium profiles
- Door height up to 1500 mm
- Door width 400 - 2000 mm
- Door thicknesses 16 - 19 mm
- Height adjustment +/- 1.5 mm, tool-less
- Tested to EN 15706, Level 3

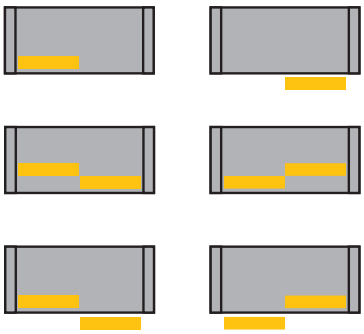
Door format and door weight



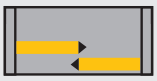
Door material



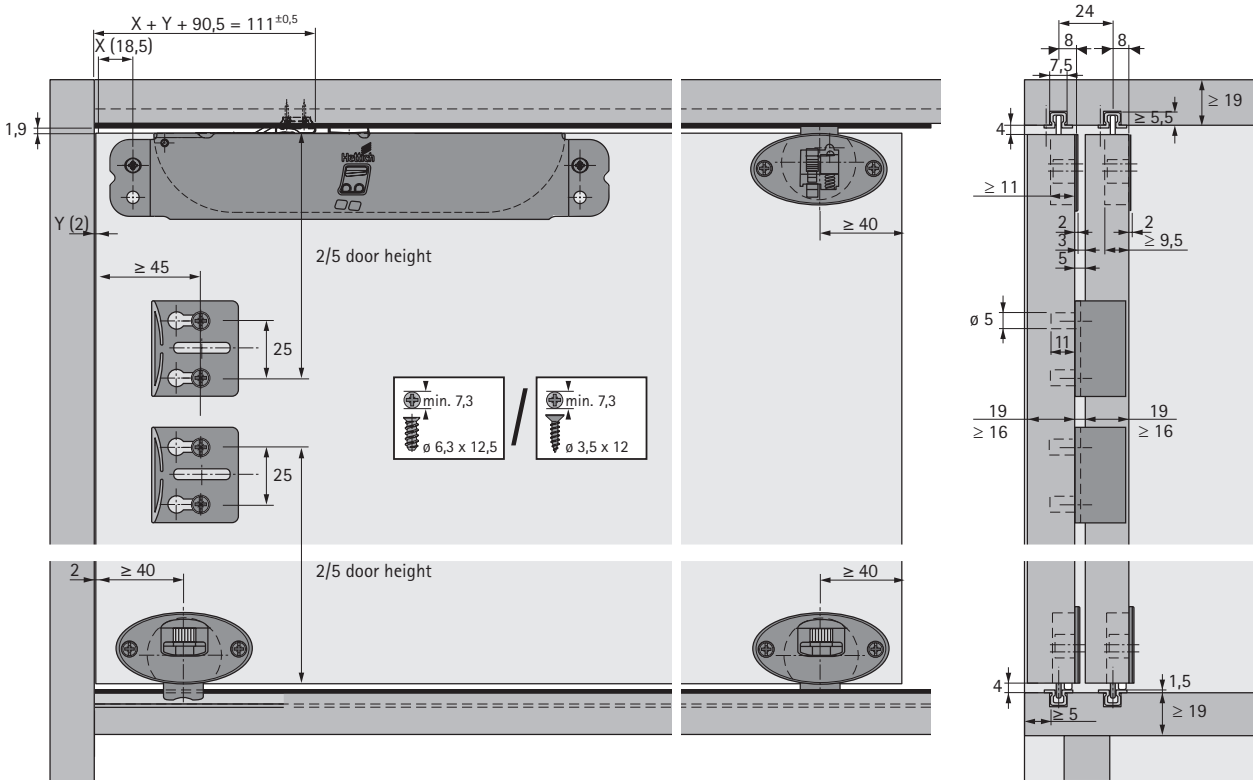
Number of door wings and door position



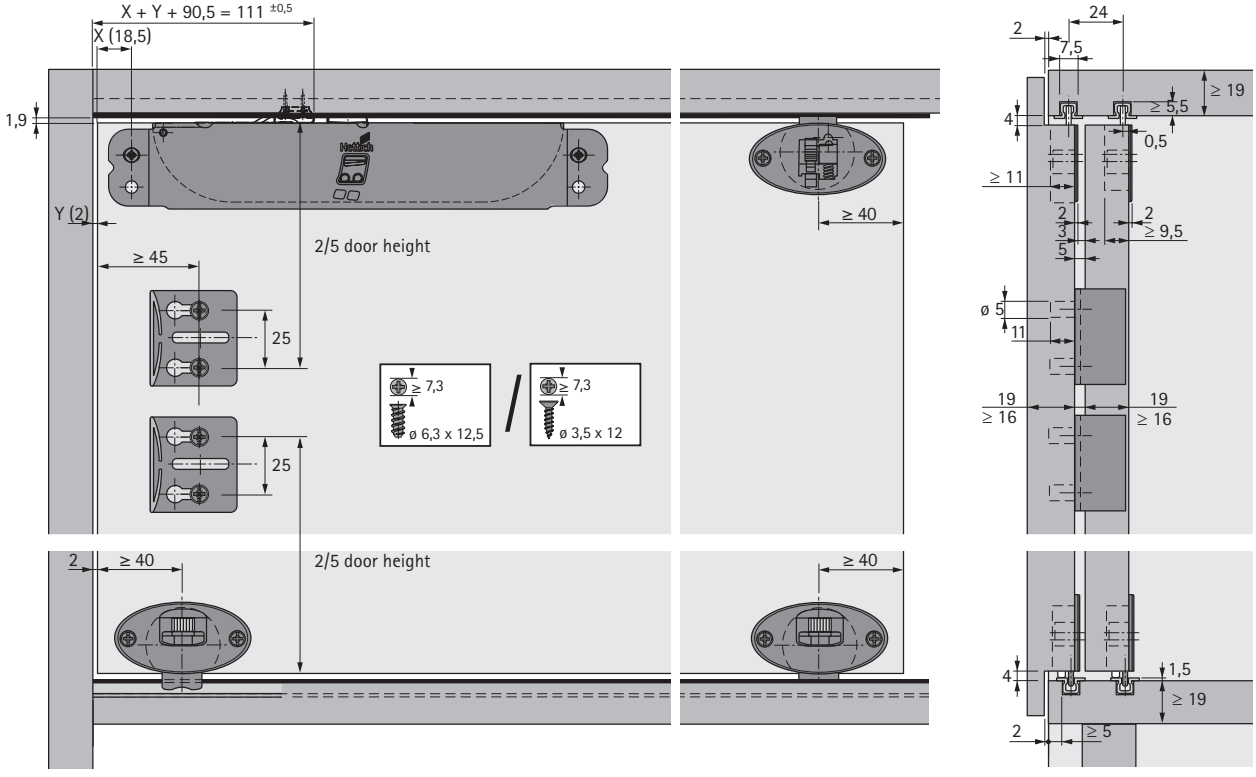
Silent System

	1-door	2-door		
Soft closing				
Soft opening				

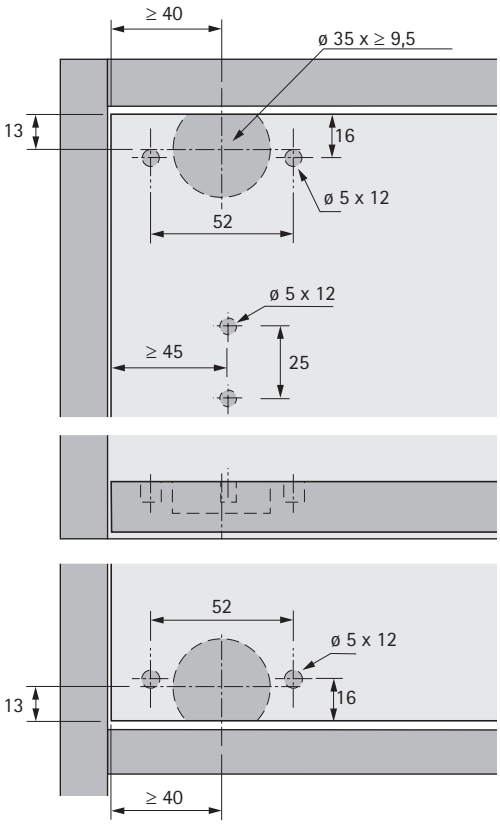
Operating principle / SlideLine 55 Plus with Silent System / inset door position

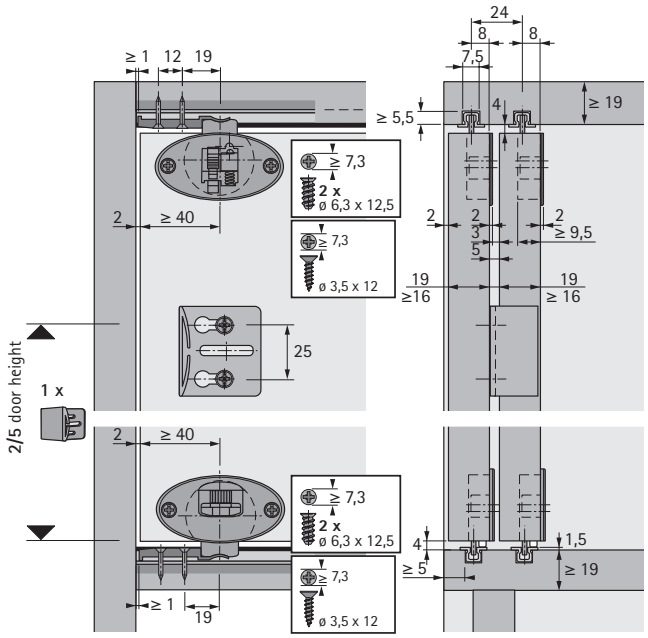


Operating principle / SlideLine 55 Plus with Silent System / overlay door position

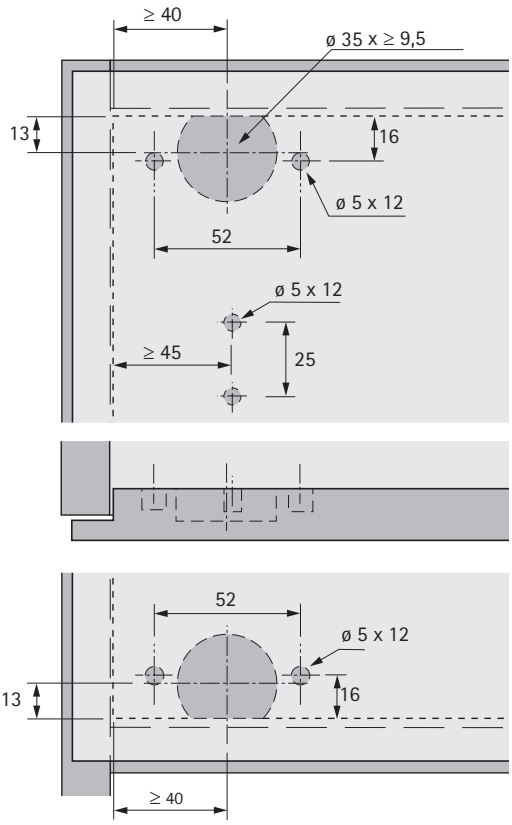


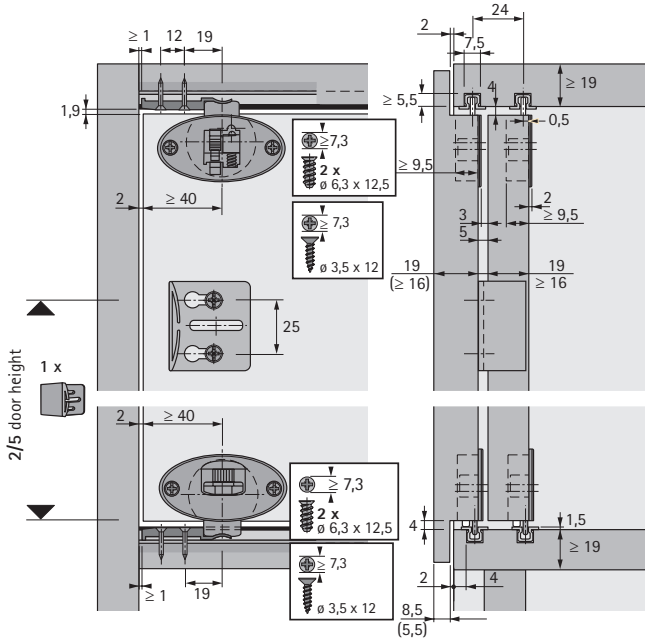
Installation dimensions for inset doors / running and guide components for screwing on



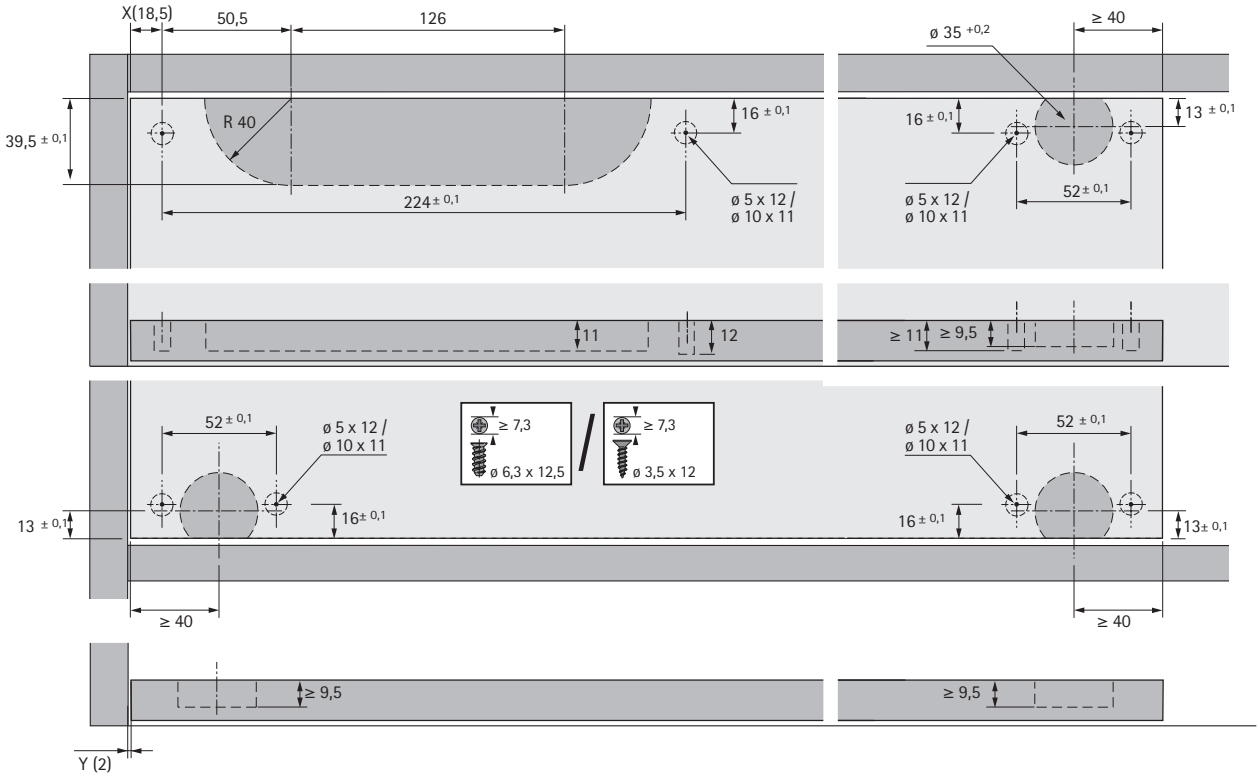


Installation dimensions for 1 inset (rebated) and 1 inset door / running and guide components for screwing on

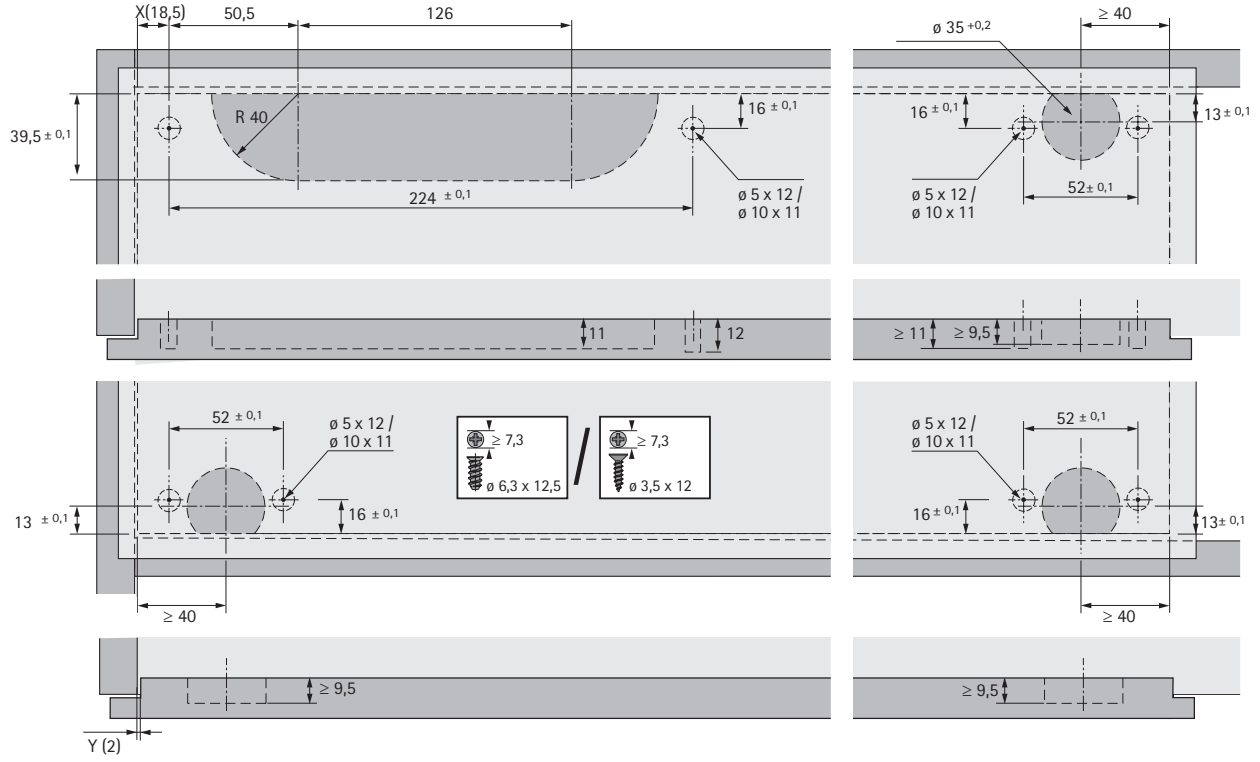




Installation dimensions for 2 inset doors with Silent System



Installation dimensions for 1 overlay (rebated) and 1 inset door with Silent System



Runner component for inset doors, screw on



- 2 running components must be fitted per door
- Tool-less height adjustment ± 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 ± 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.

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.

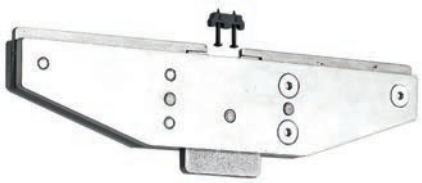
Activator for Silent System



- 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.

Runner and guide profiles



- 4 profiles must be fitted on a 2-door cabinet
- Plastic profiles: max. door weight 15 kg
- Aluminium profiles: max. door weight 30 kg

Material	Surface finish / colour	Length mm	**Order no.**	PU
Plastic	white	4000	**0 025 120**	1/30 ea.
Plastic	brown	4000	**0 025 121**	1/30 ea.
Plastic	grey	4000	**0 061 546**	1/30 ea.
Plastic	black	4000	**0 066 900**	1/30 ea.
Aluminium	silver Anodized	4000	**1 079 090**	1/4 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 with a door height

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

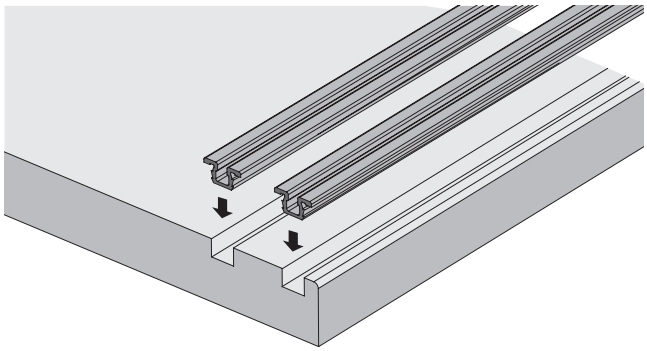
Stay closed function



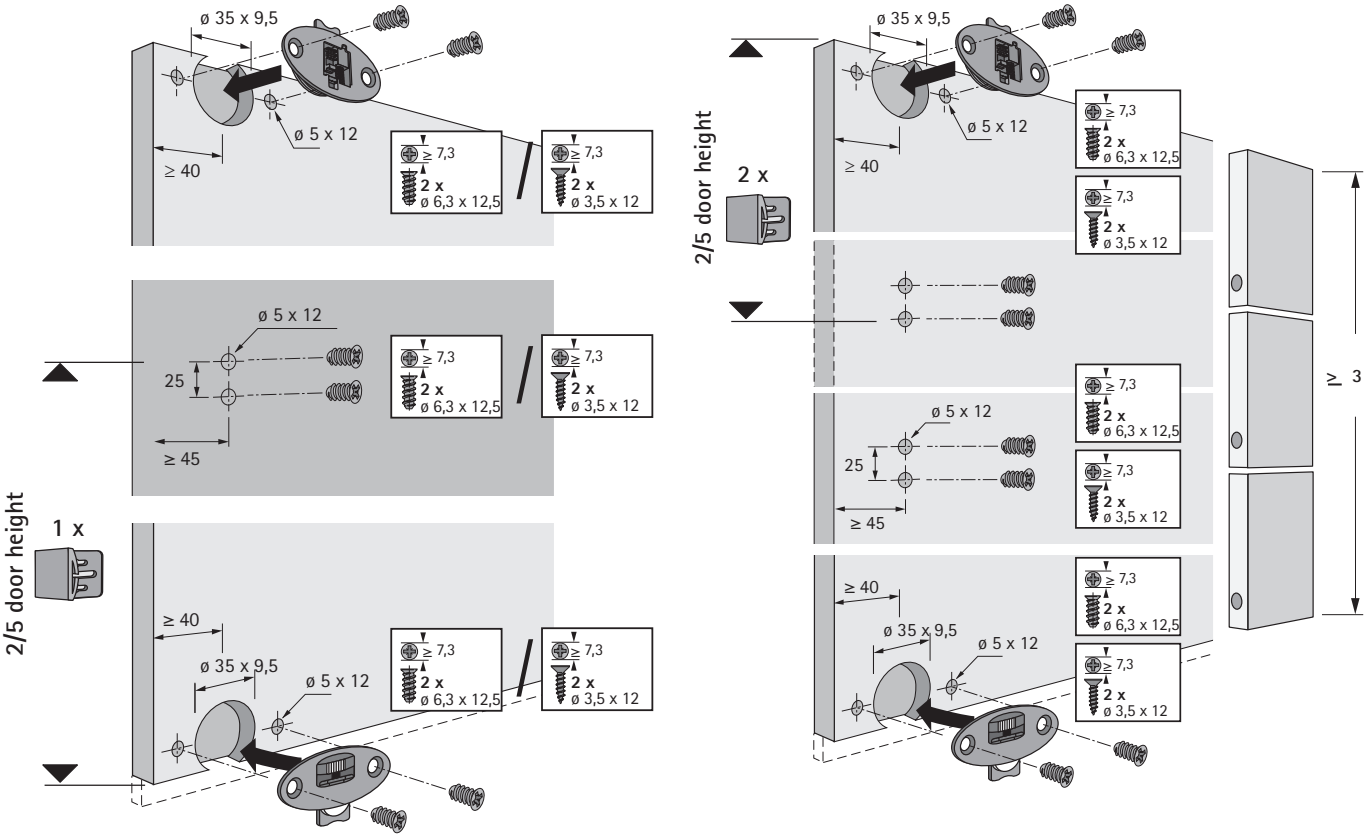
- Can be used for left and right-hand door
- 2 stay closed functions must be fitted per door
- Stay closed function is not required when using Silent System
- Attached by means of premounted nails

Order no.	PU
9 115 218	1/100 ea.

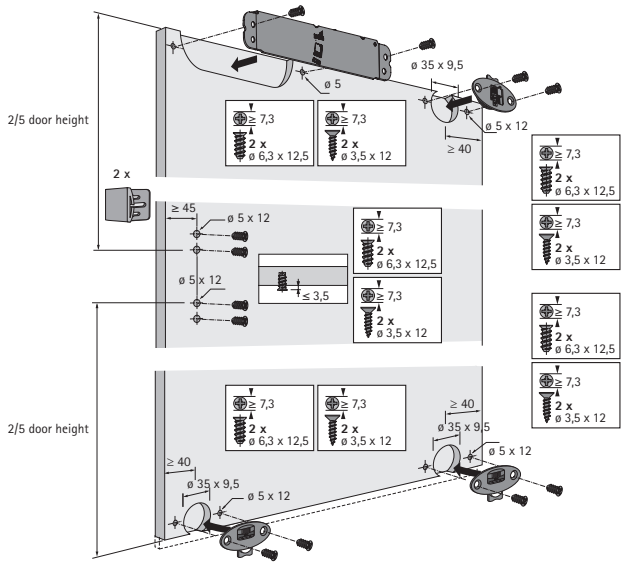
Installation runner and guide profile



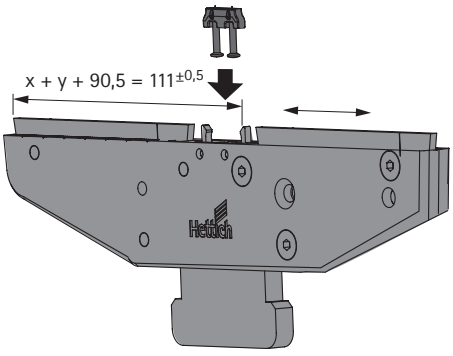
Installing running and guide components for screwing on

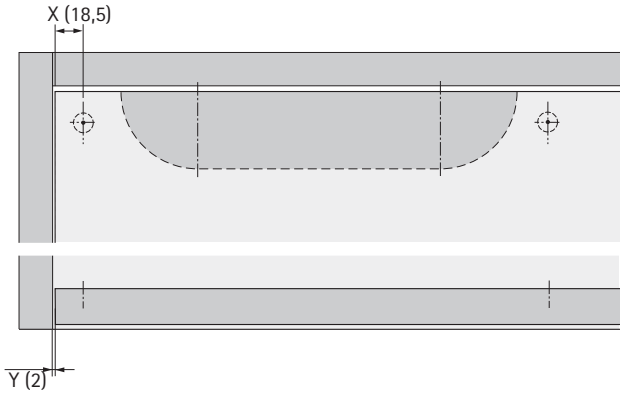


Installing running and guide components with Silent System for screwing on

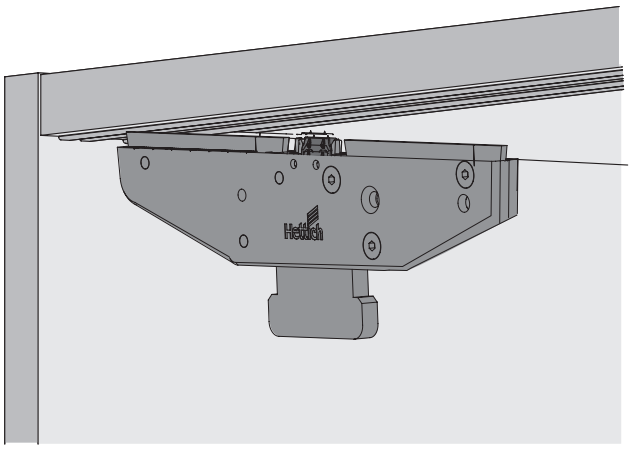


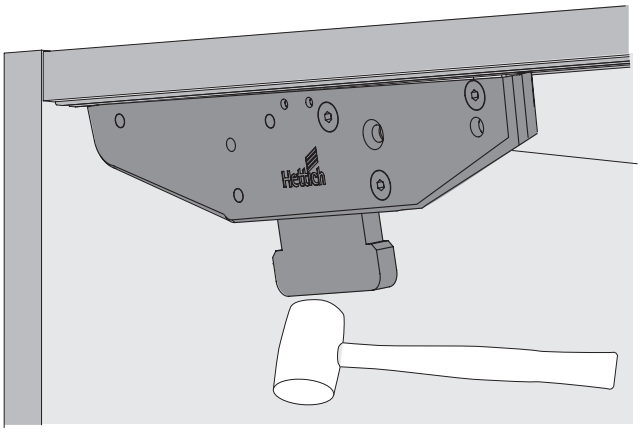
Positioning the activator for Silent System



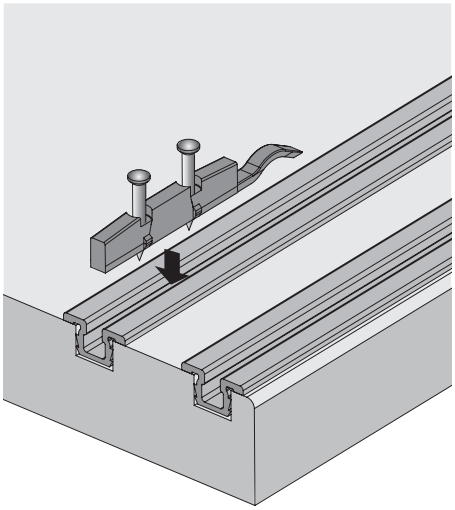


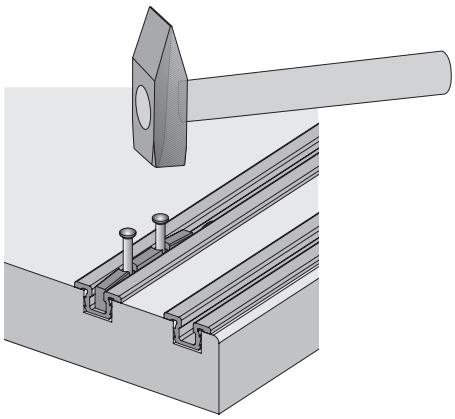
Fitting the Silent System activator

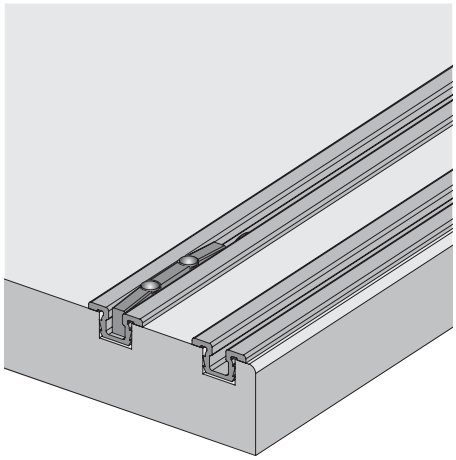




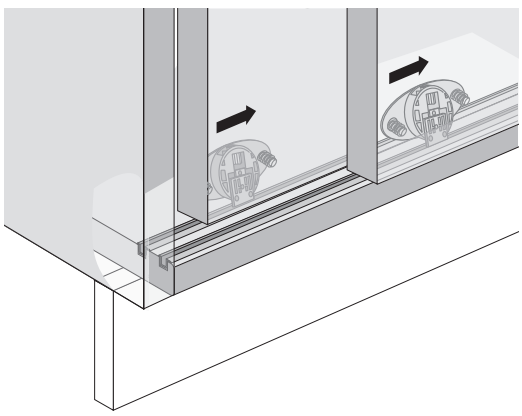
Installing end stops

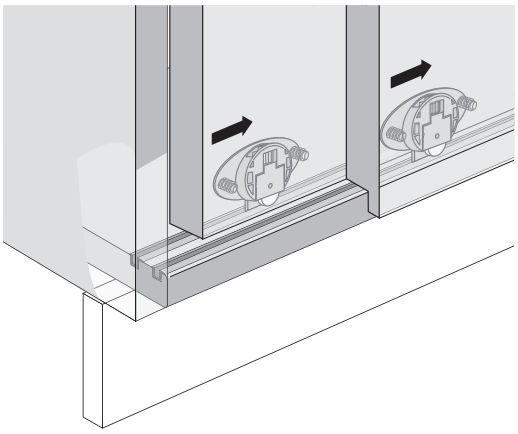




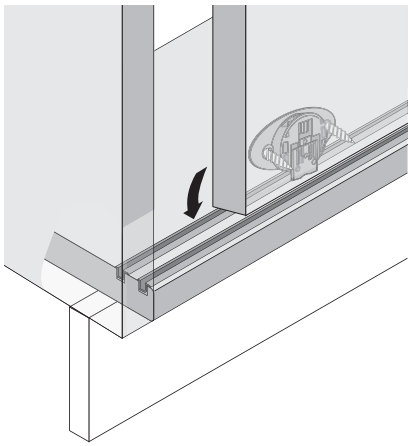


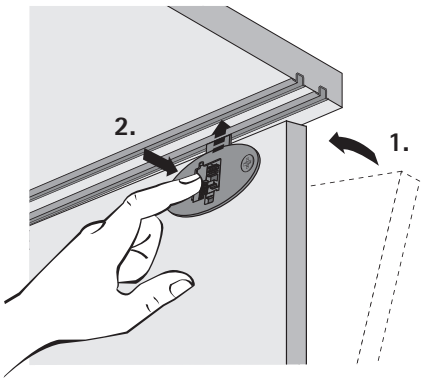
Inset / overlay doors

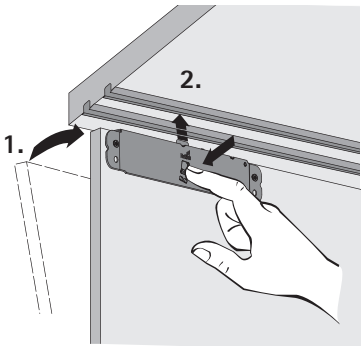




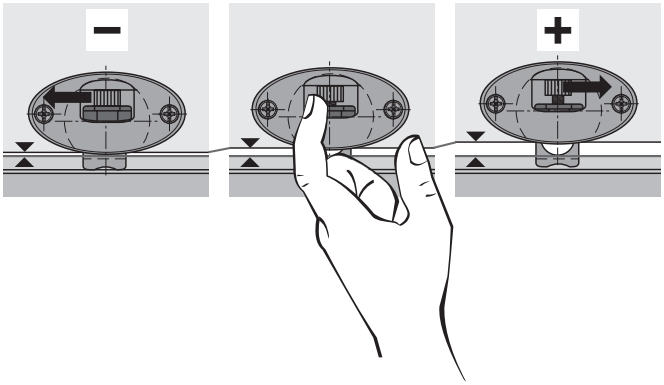
Installing door



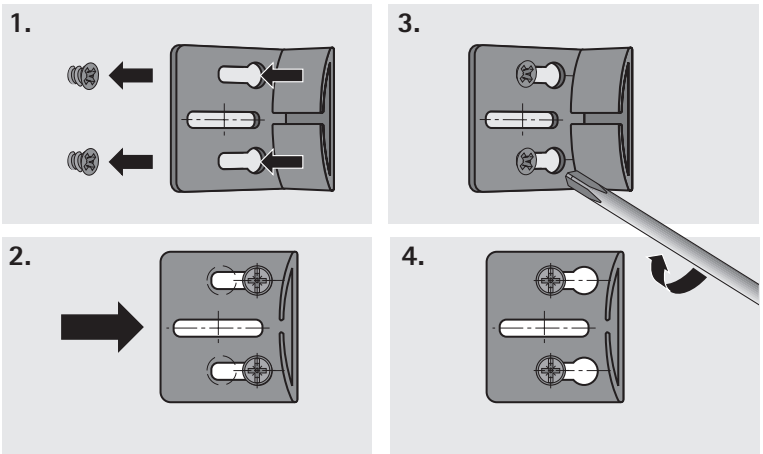




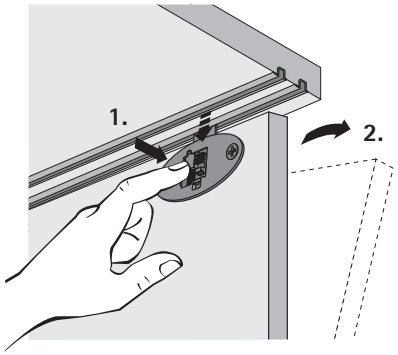
Height adjustment

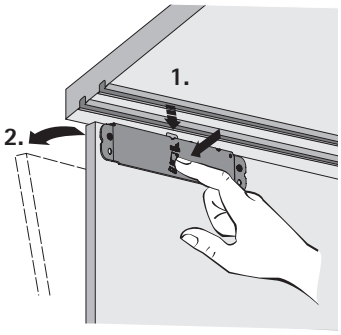


Installing spacer

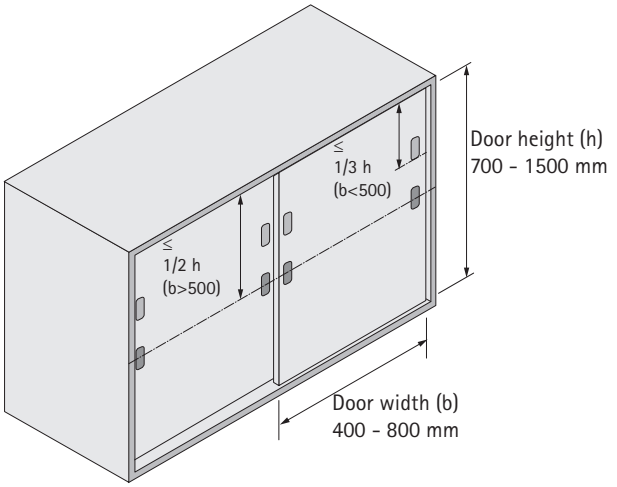


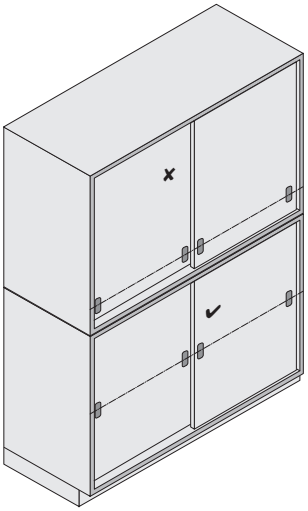
Removing door





Positioning of handles

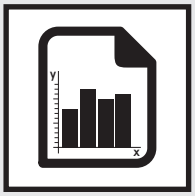




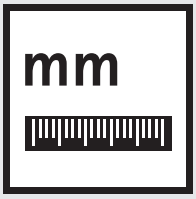
SlideLine 97 / Inset door position



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 **84 – 85**
- Technical details in brief
- Door sizes
- Operating principle



Planning dimensions **86 – 87**



System components **88 – 91**

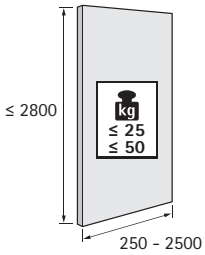


Installation **92 – 93**

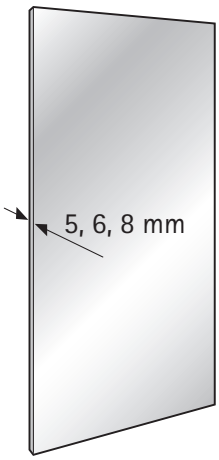
Technical details in brief

- Suitable for glass thicknesses 5, 6 and 8 mm
- Door weight no more than 25 kg or 50 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

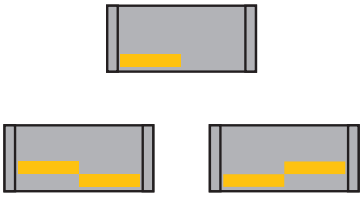
Door format and door weight



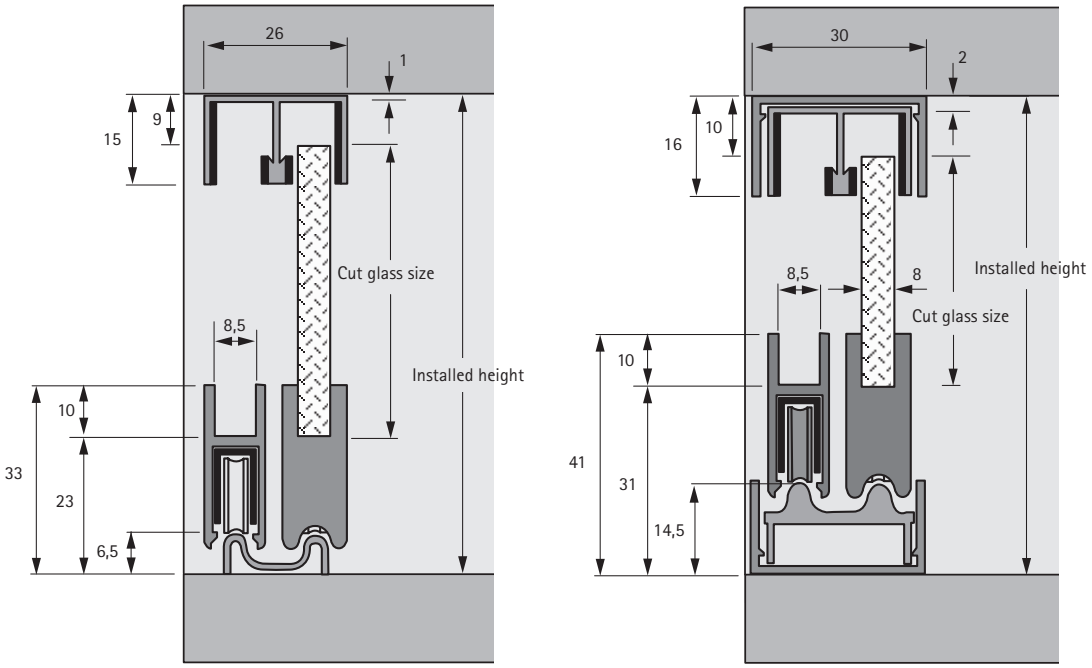
Door material



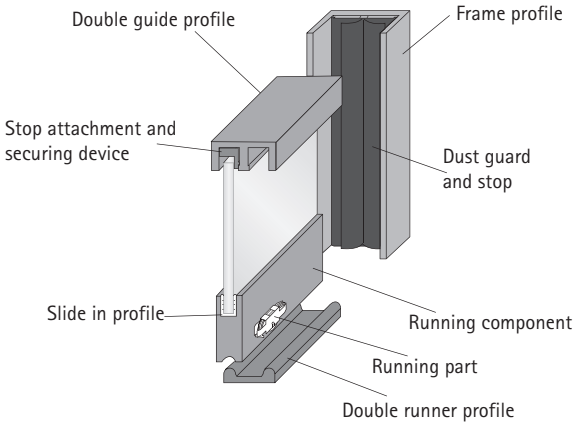
Number of door wings and door position



Operating principle



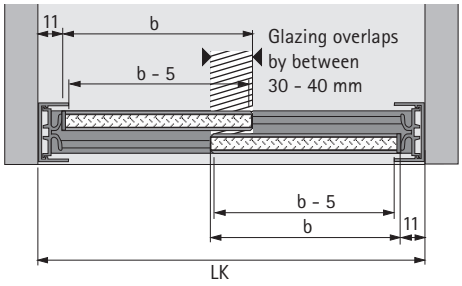
Basic version



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

Mounting option with end plates

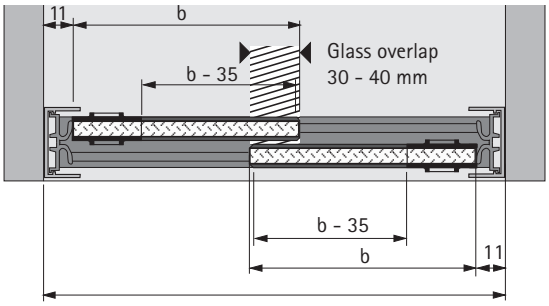




b = Cut glass size

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

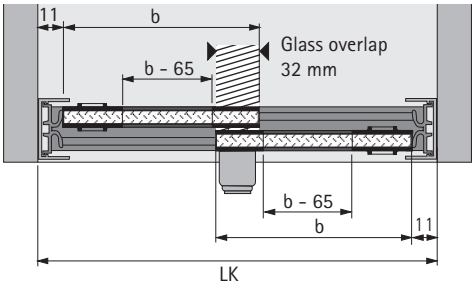




b = Cut glass size

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





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

Double guide profile, flock-coated



- Length 2500 mm
- Covered with protective film

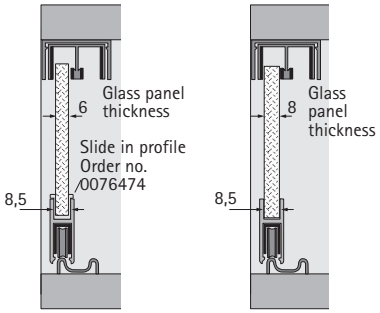
Order no.	PU
48965	1/4 ea.

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
48969	1/4 ea.

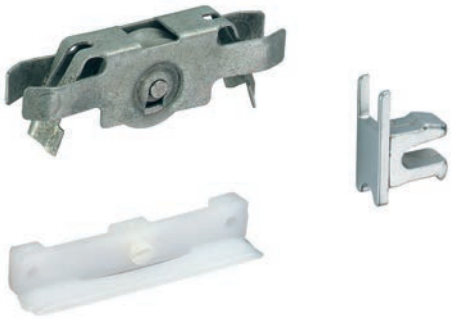
Running component



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

Order no.	PU
48966	1/4 ea.

Basic set for 2 glass sliding doors



Set comprises:
- 25 kg 4 x / 50 kg 8 x Running part
- 4x Stop attachment and securing device
- 4x End plate

	Order no.	PU
25 kg	**0 048 973**	1 set
50 kg	**0 048 974**	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
48972	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.

Adapter for cylinder push lock



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

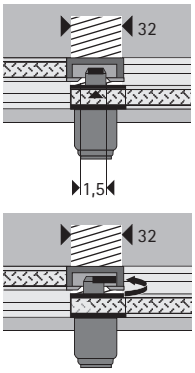
Order no.	PU
0 076 482	1 ea.

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

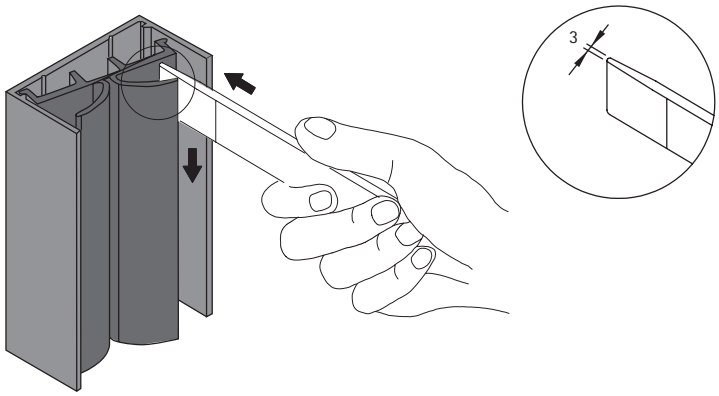
Special tool



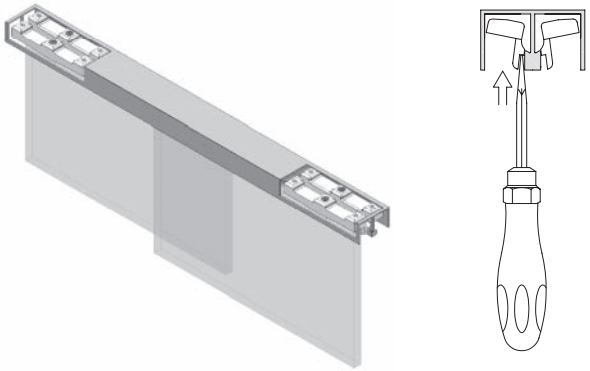
- For easy installation of the running parts into the running component

Order no.	PU
0 076 484	1 ea.

Installing dust guard and stop

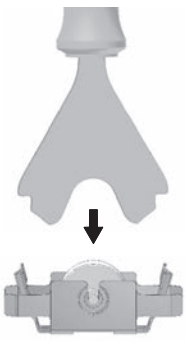


Installation of door damper and lift off guard

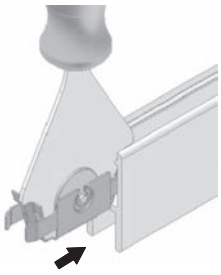


Installation running part

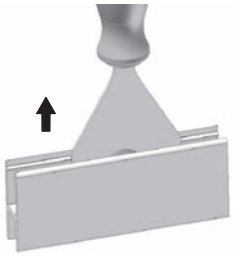
1. Fit



2. Insert



3. Remove



Range summary / technical comparison

	KA 5740
	
Page	96 - 103
Description	Retractable door system for doors that slide into the sides of the carcase 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 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 98
Technical details in brief
- Door sizes
- Silent System
- Operating principle

Planning dimensions 99 – 100



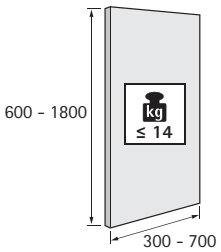
System components 101

Installation 102 – 103

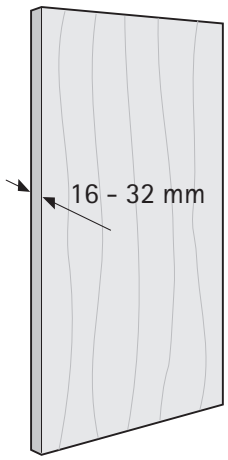
Technical details in brief

- 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

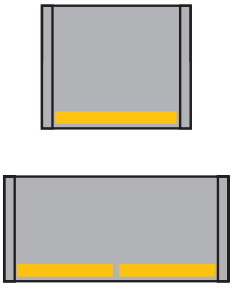
Door format and door weight



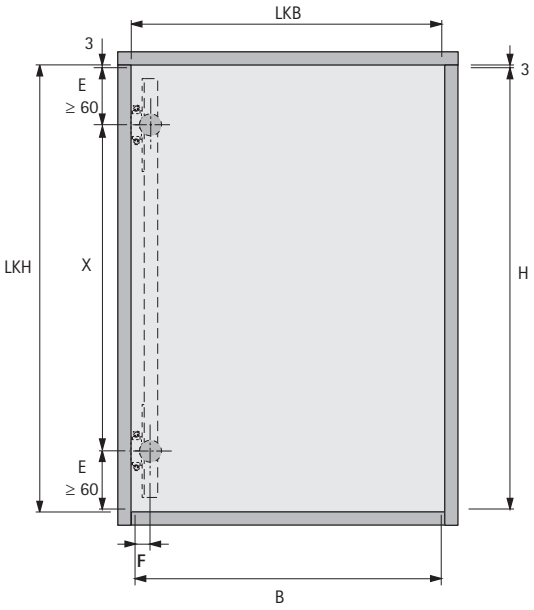
Door material



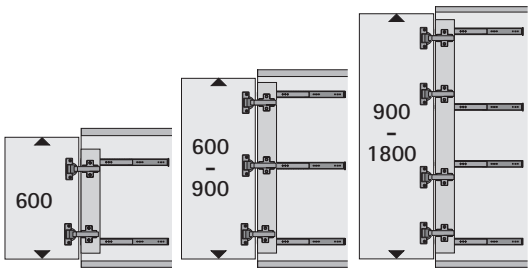
Number of door wings and door position



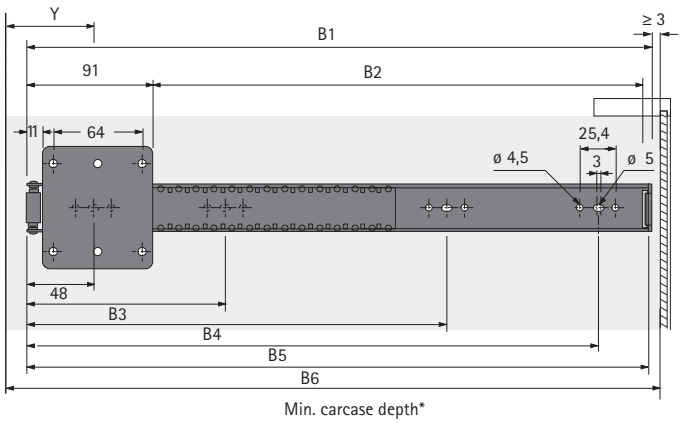
Installation dimensions for KA 5740



Door height = inside carcase height - 6 mm
Door width = inside carcase width - 6 mm
X = door height - 2 x E



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

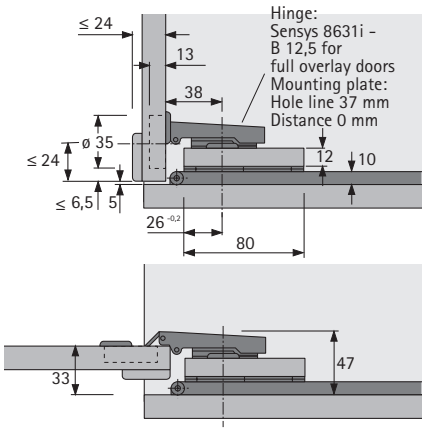


Min. carcase depth*

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

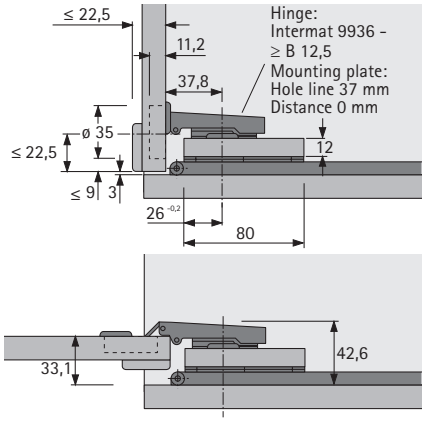
Article	Dimension mm					
	B1	B2	B3	B4	B5	B6
KA 5740/350	352	256	304	-	-	350
KA 5740/400	402	306	368	-	-	400
KA 5740/450	452	356	144	304	400	450
KA 5740/500	502	406	176	336	464	500
KA 5740/550	552	456	208	368	528	550
KA 5740/600	602	506	240	400	560	600
KA 5740/650	652	556	272	432	624	650
KA 5740/700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

Use with Sensys and 12 mm connecting strip



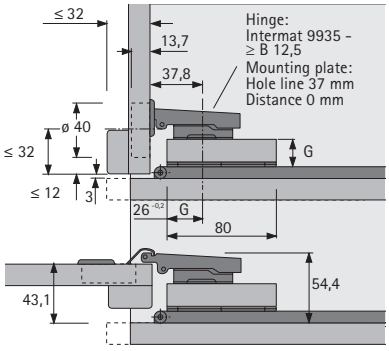
- For profile doors up to 28 mm
- 95° opening angle
- Base 12.5 mm
- Cup diameter 35 mm

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



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

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

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

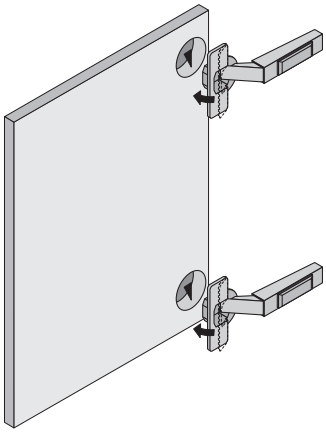


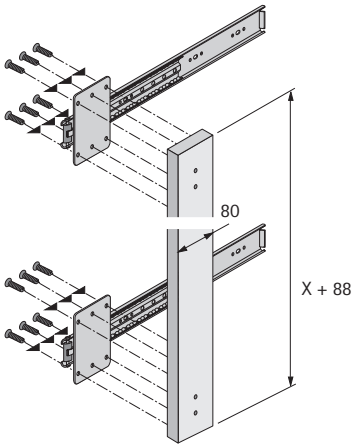
- The KA 5740 accessory set also allows you to park flaps inside the top part of the cabinet carcase after opening them.
- The set of accessories assists the slide in and, when used on flaps, keeps them in the horizontal position.

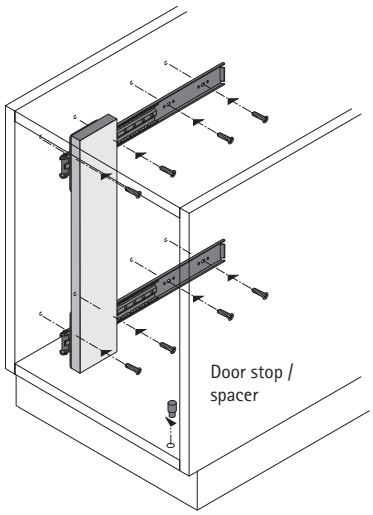
Set comprises:
- 8 door applications / spacers, 10 mm ø drilling

Order no.	PU
9 079 526	1 set

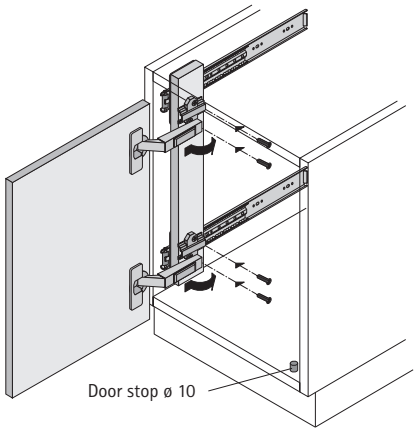
Preparing / installing fitting

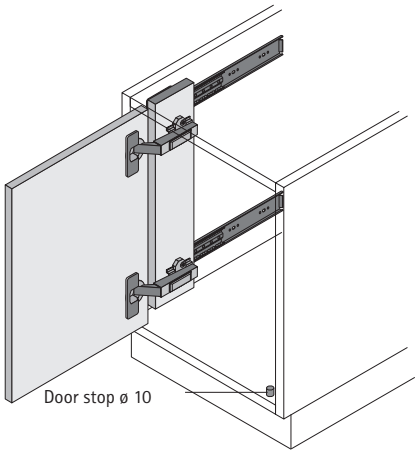


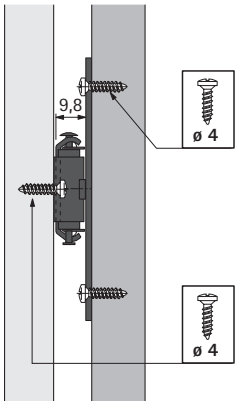




Installation door







Range summary / technical comparison

	VerticoSynchro	VerticoMono
		
Page	104 - 113	114 - 123
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

VerticoSynchro / overlay and inset door position



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 108 – 109
- Technical details in brief
- Door sizes
- Operating principle

Planning dimensions 110 – 111

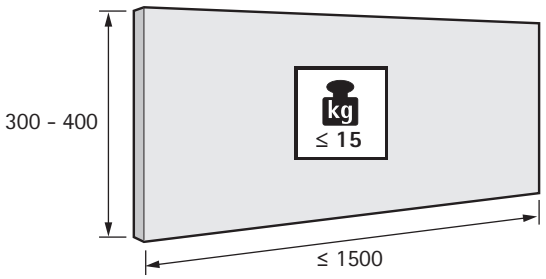
System components 112

Installation 113

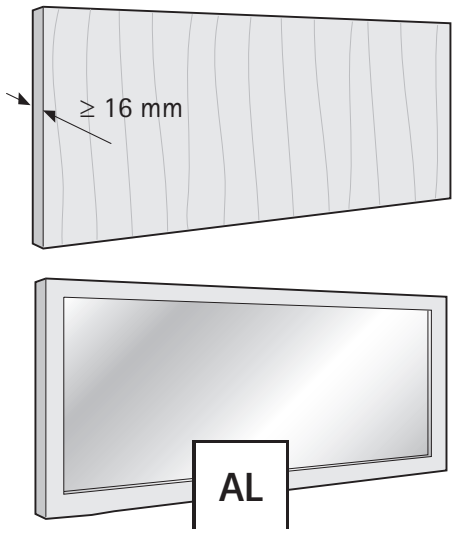
Technical details in brief

- 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

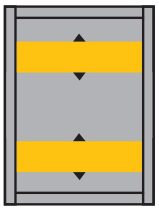
Door format and door weight



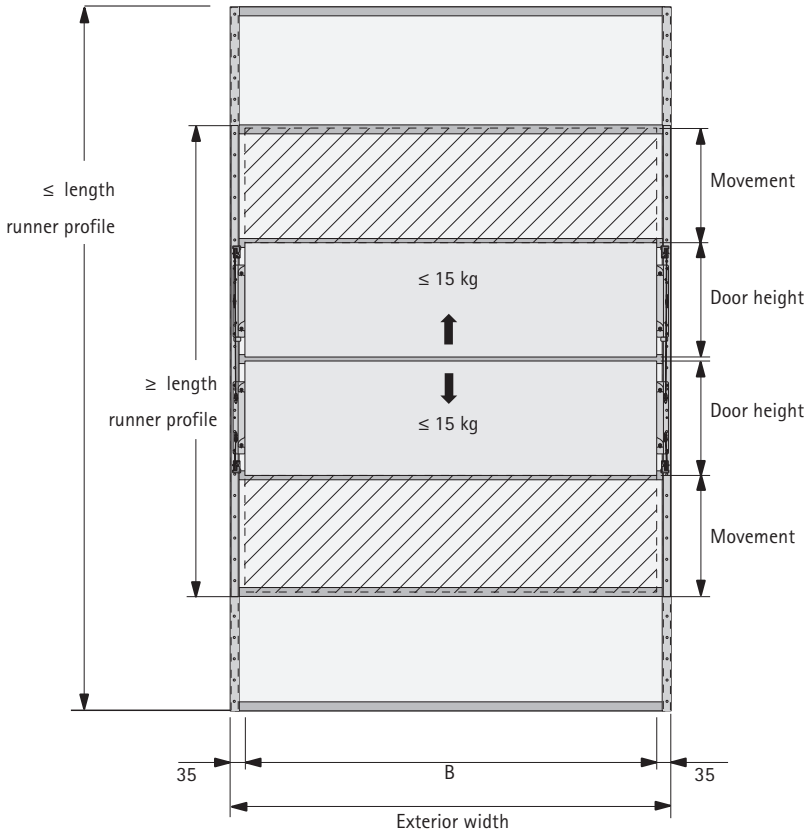
Door material



Number of door wings and door position

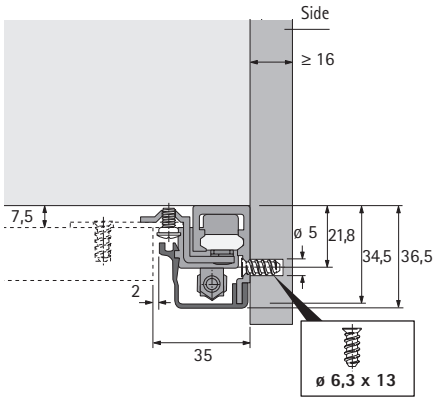


Operating principle

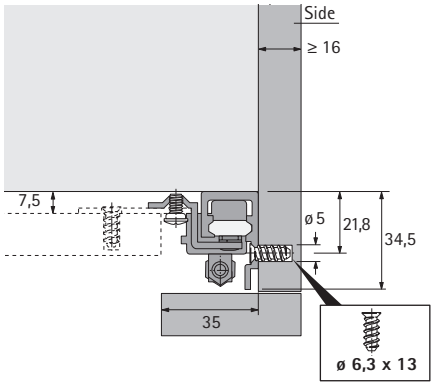


Installation dimensions for runner profiles

Inset
with cover profile

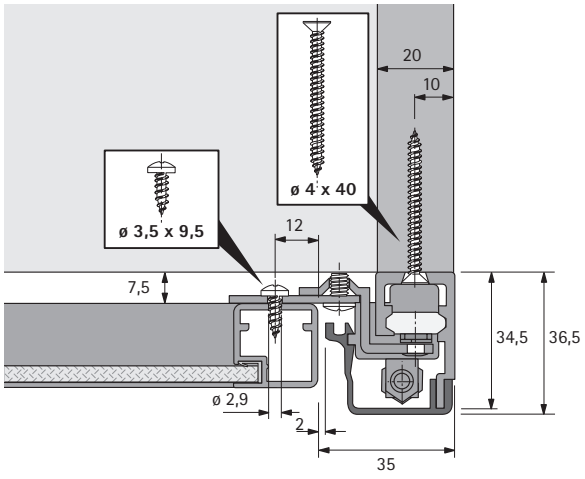


Inset
with wood front panel



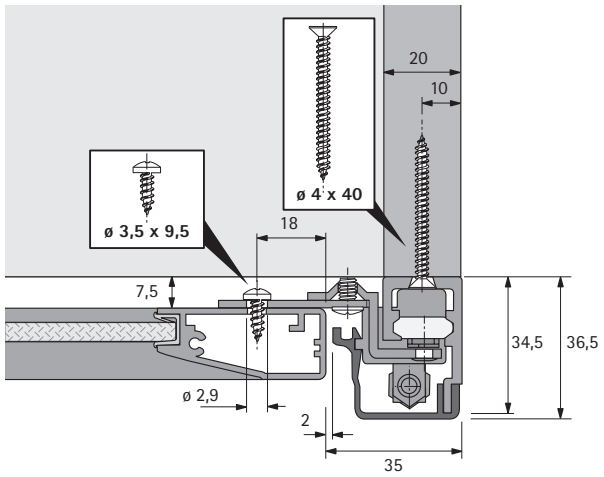
Installation dimensions for 19 mm aluminium framed door

Aluminium framed door,
width 19 mm

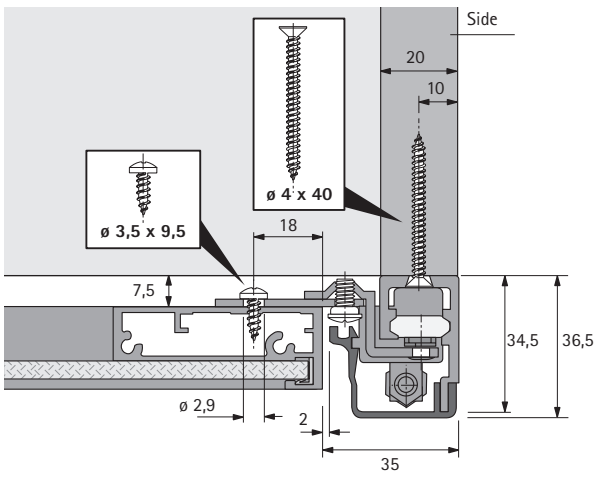


Installation dimensions for 45 mm aluminium framed door / 55 mm aluminium framed door

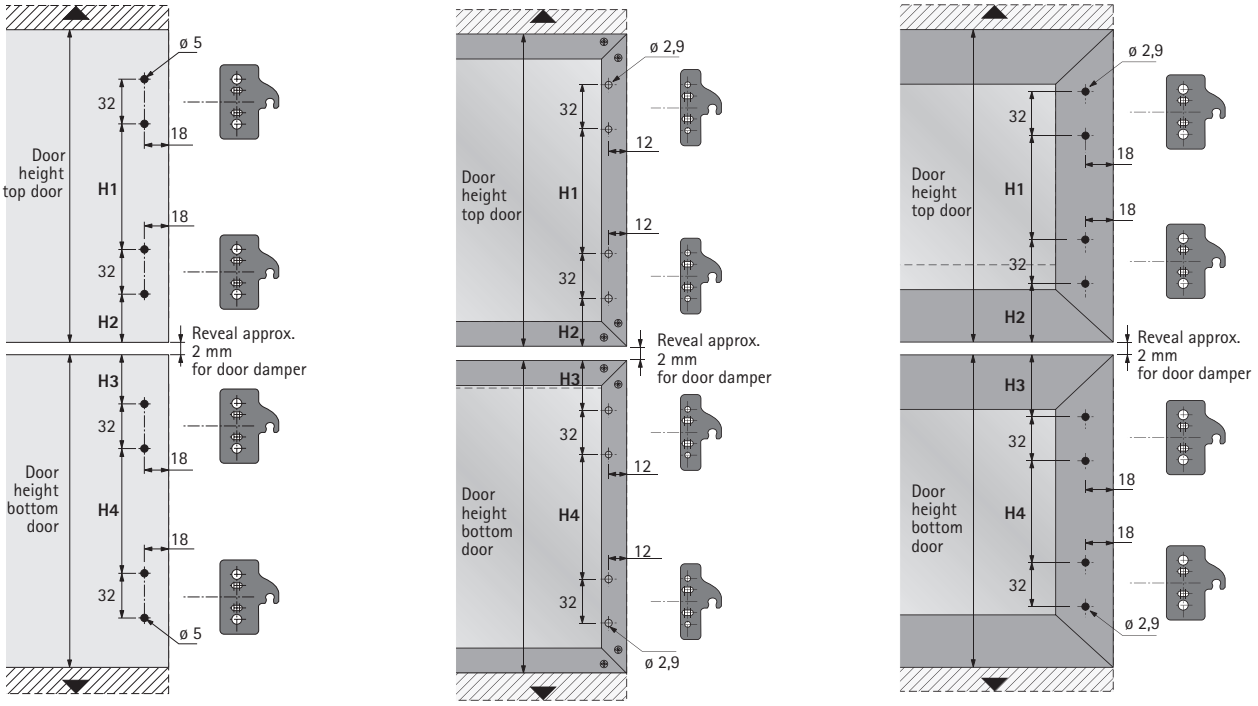
Aluminium framed door,
width 45 mm



Aluminium framed door,
width 55 mm



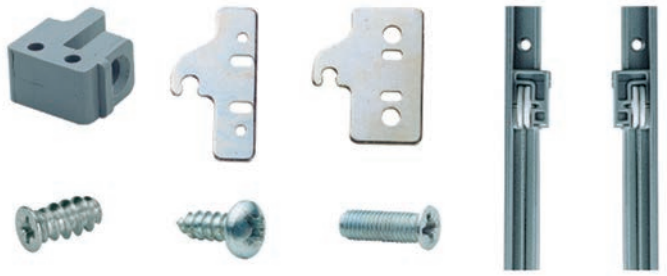
Installation dimensions for screw on plates



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

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

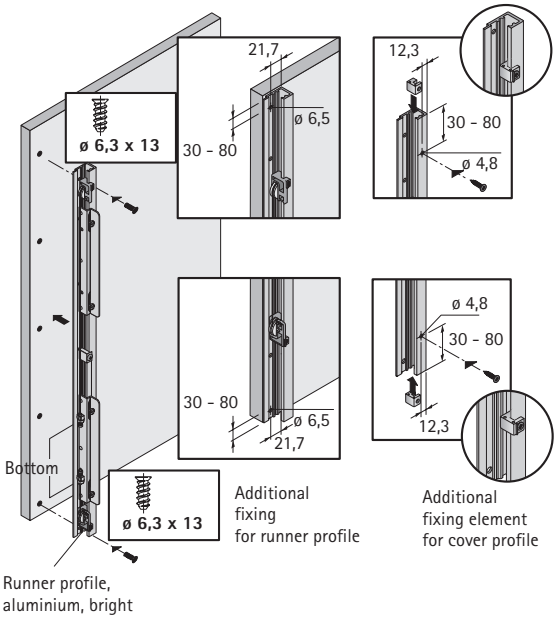
Cover profile for runner profile left/right

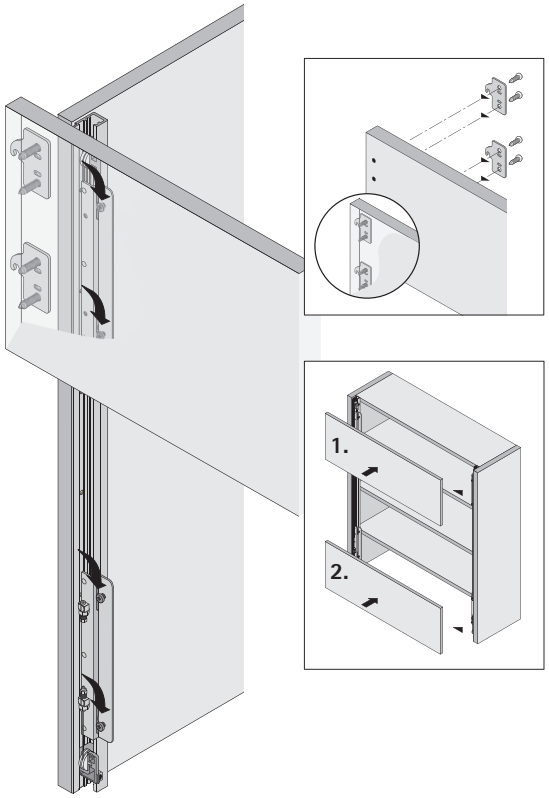


- Length 2500 mm

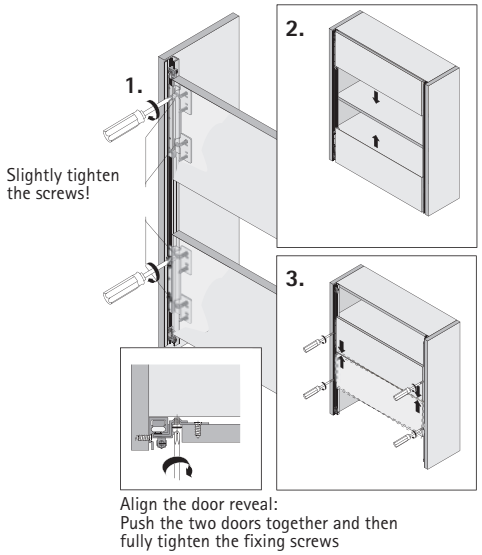
Order no.	PU
0 020 400	1 ea.

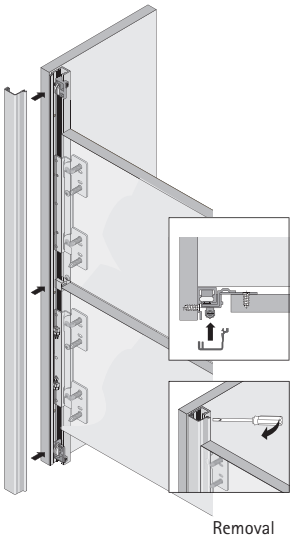
Installing runner profile / doors - inset installation





Aligning doors / mounting cover profile - inset installation





VerticoMono / inset door position



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 116 – 117
- Technical details in brief
- Door sizes
- Operating principle

Planning dimensions 118



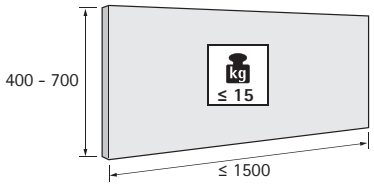
System components 119

Installation 120 – 123

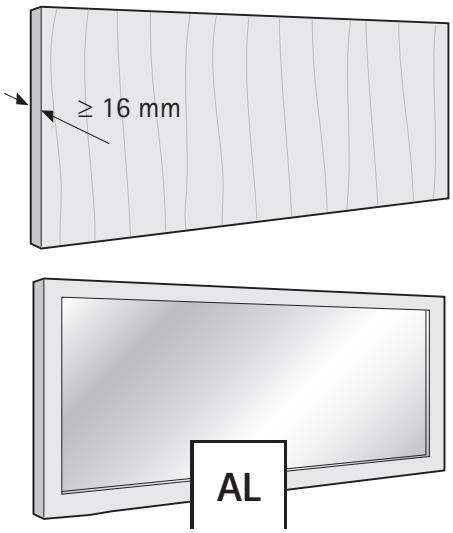
Technical details in brief

- 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 carcase rear panel
- Tested to EN 15706, Level 3

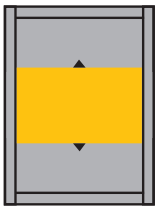
Door format and door weight



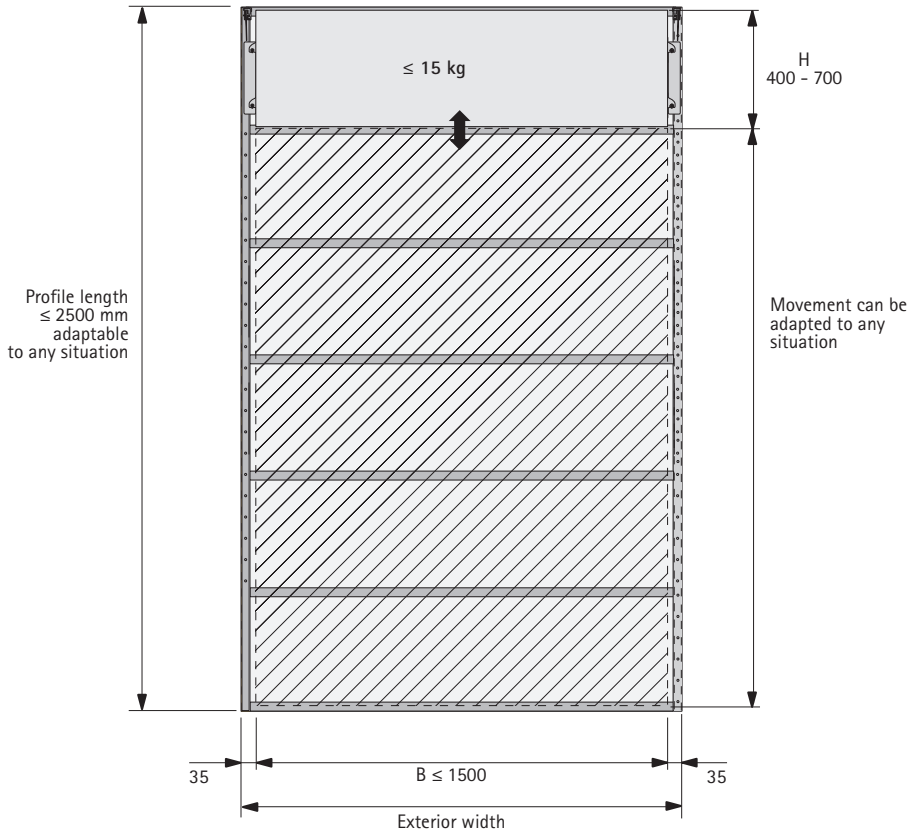
Door material



Number of door wings and door position

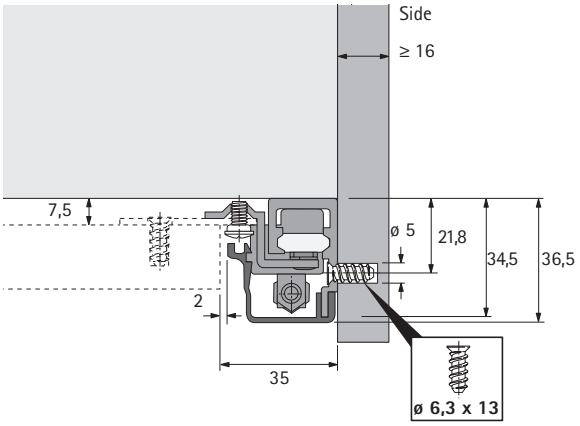


Operating principle

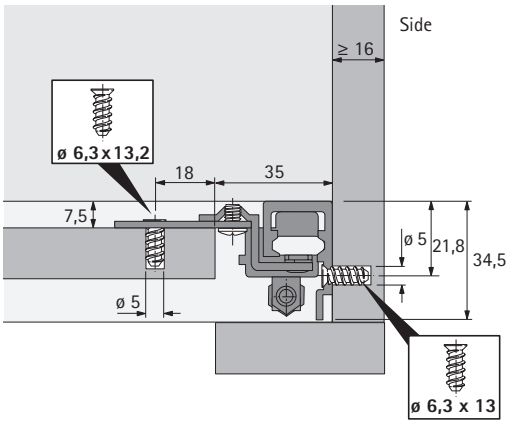


Installation dimensions for runner profiles with cover profile / with wooden panel

with cover profile

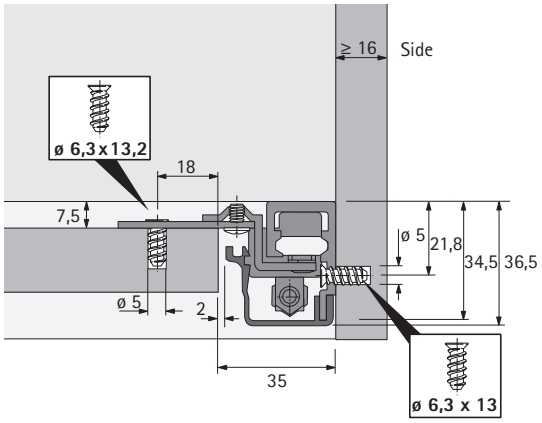


with wood front panel

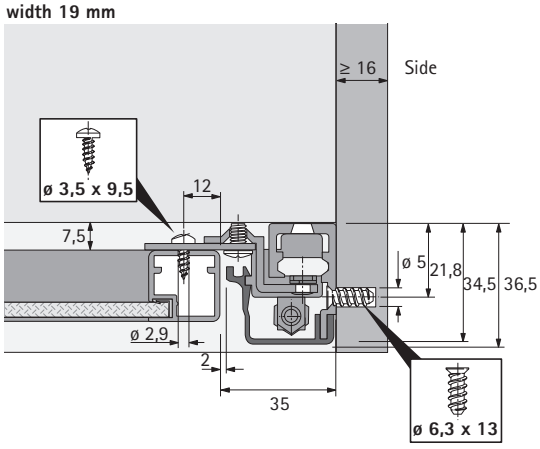


Installation dimensions for wooden / 19 mm aluminium framed door

Wooden door

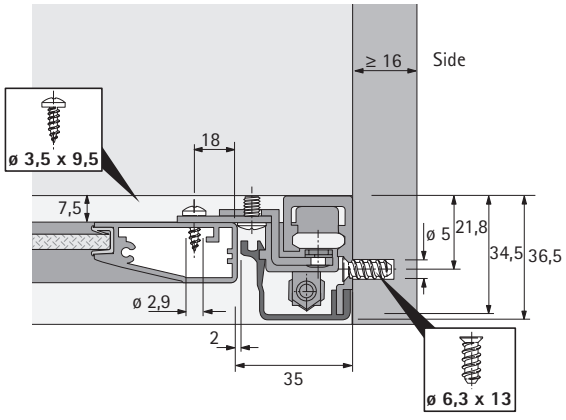


Aluminium framed door, width 19 mm

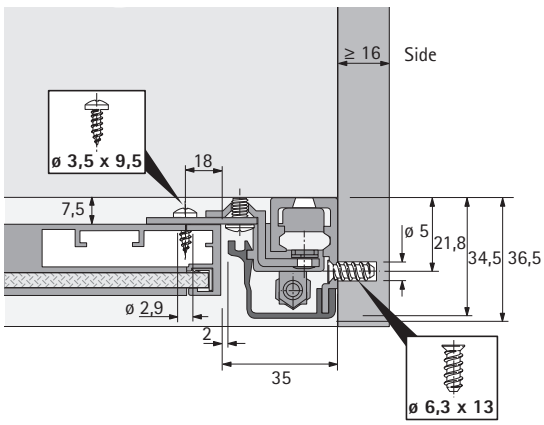


Installation dimensions for 45 mm aluminium framed door / 55 mm aluminium framed door

Aluminium framed door, width 45 mm



Aluminium framed door, width 55 mm



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.

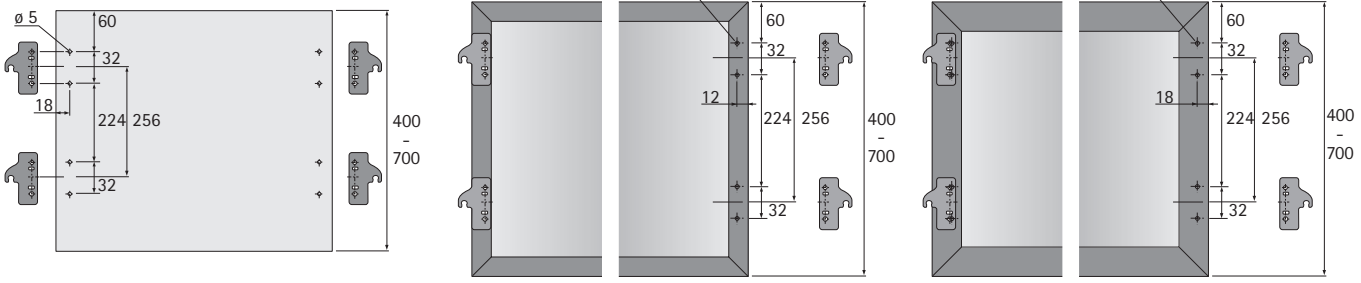
Cover profile for covering the cable pull at the side



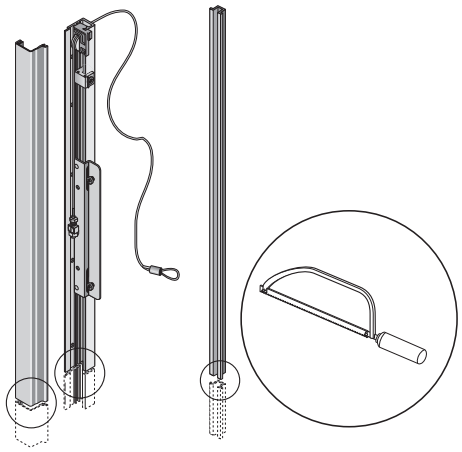
- Length 600 mm

Order no.	PU
0 045 316	1 ea.

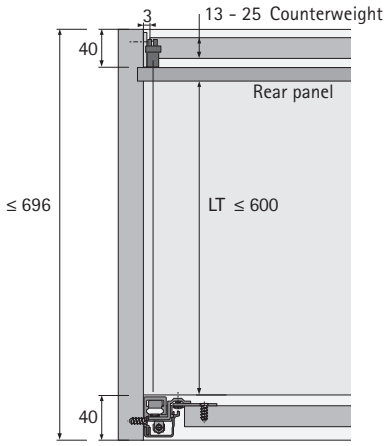
Installation screw on plate



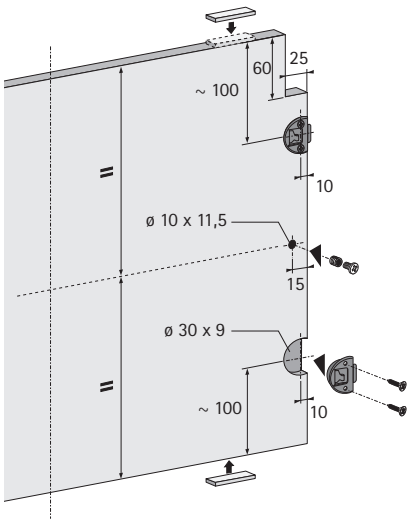
Cutting runner profile to length



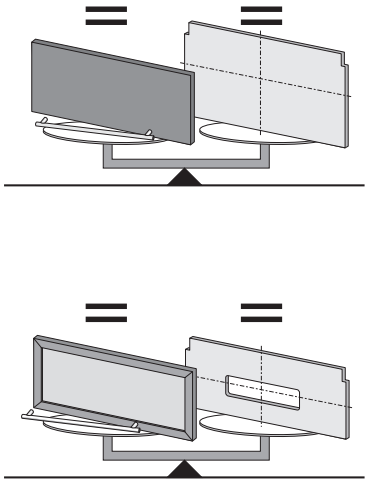
Sectional view of carcase



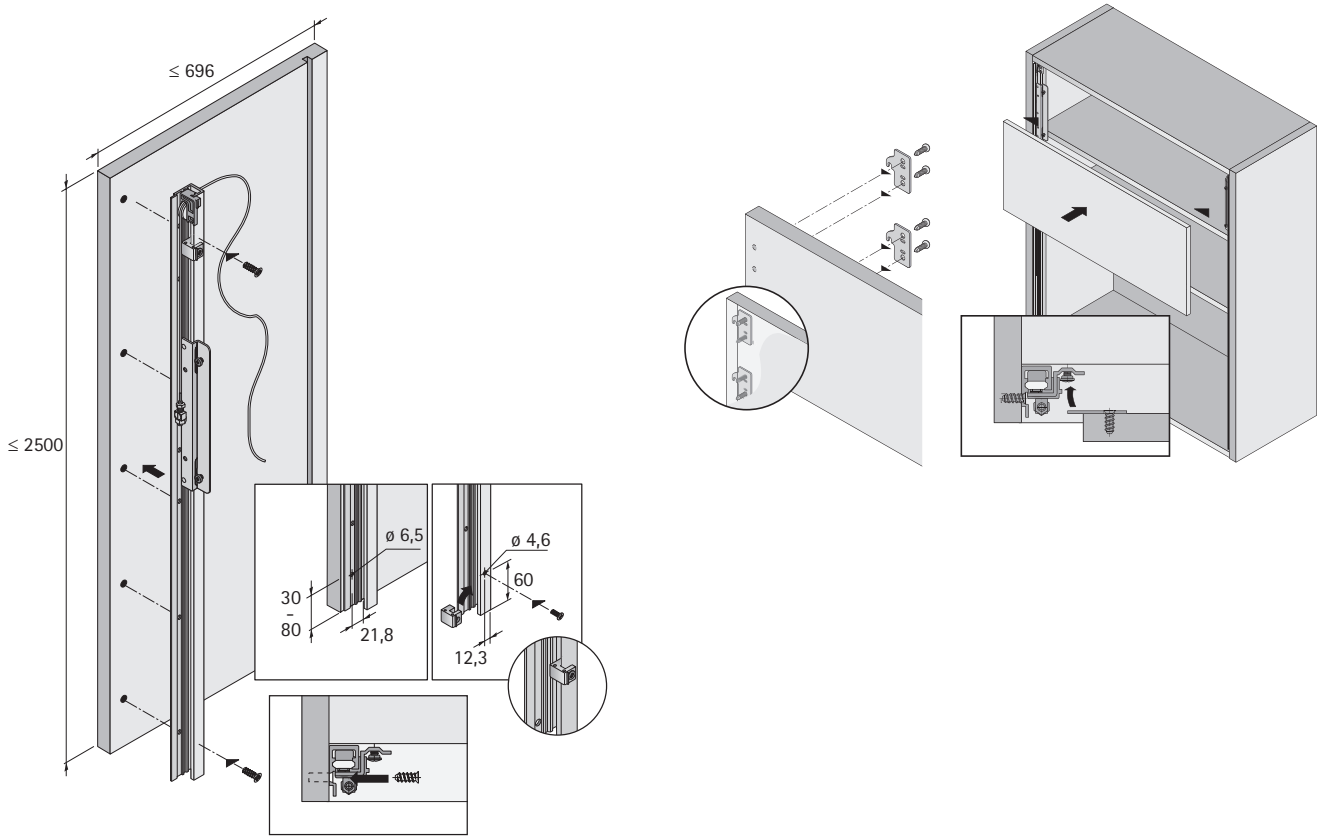
Preparing the counterweight



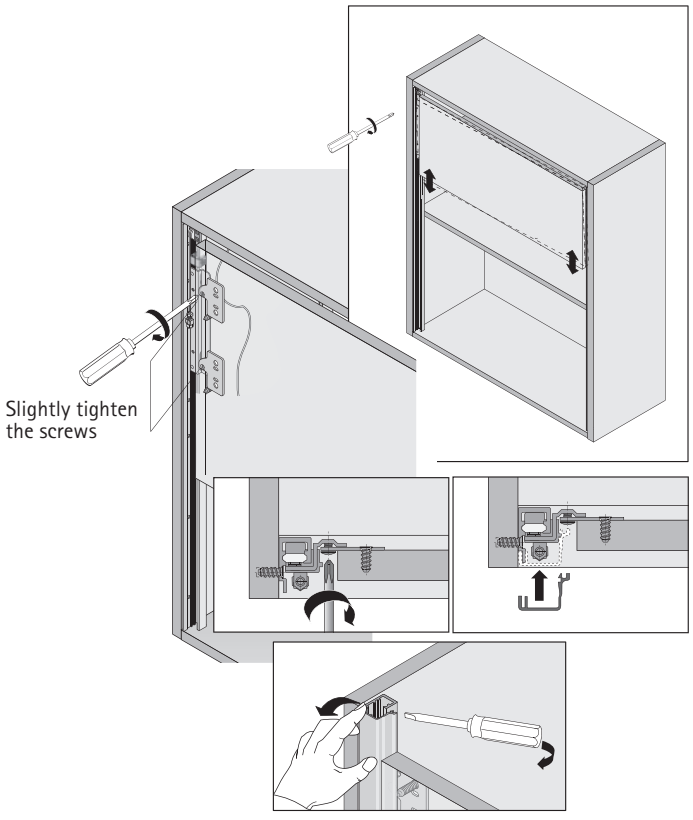
Balanced door and counterweight



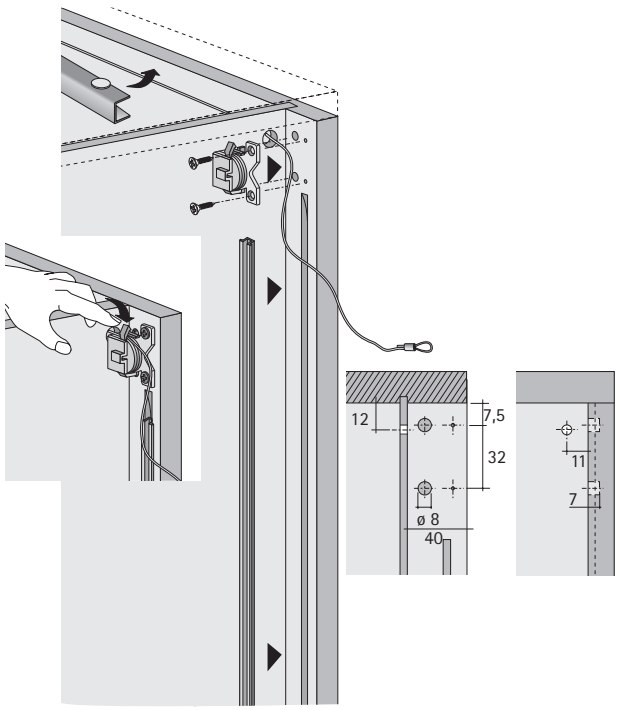
Installation runner profiles / preparing fronts

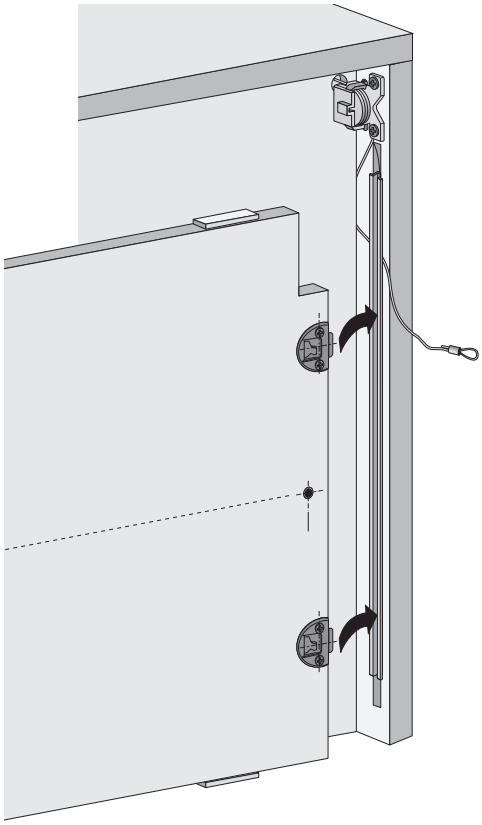


Installing and aligning fronts

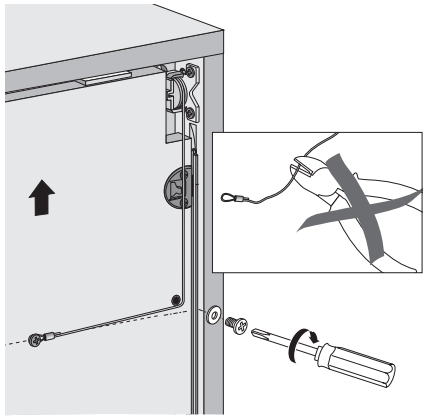


Installation counterweight / cable mounting on carcase





Alternatively cable mounting (with shortened runner profile)



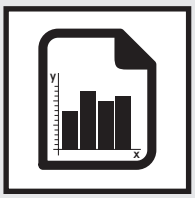
Range summary / technical comparison

	WingLine L	WingLine 230	Wing 77
			
Page	126 – 149	150 – 157	158 - 169
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	Side mounted folding door system with guide profile at top for large-size doors
Number of door wings	2	2	2
Door wing weight	25 kg max.	20 - 25 kg	20 - 25 kg
Side mounting	Yes	Yes	Yes
Door material	Wood	Wood	Wood
Door wing width mm	600 mm max.	600 mm max.	600 mm max.
Door wing height mm	2400 mm max.	3000 mm max.	3000 mm max.
Push / Pull to move, Pull to move Silent	Yes	No	No

WingLine L / attached to the side



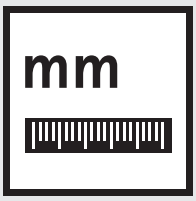
WingLine L lets you produce folding sliding doors with up to 6m^2 of access. The Push / Pull to move opening mechanism provides access to everything inside the cabinet with just one movement of the hand. Further highlights: optimised running performance, soft opening and closing, tool-less installation as well as minimal door protrusion for efficiently organising the space inside. WingLine L competently and securely moves door wings weighing up to 25 kg and measuring up to 2,400 mm in height: a talented all rounder for the bedroom, kitchen and office. The bottom panel required for extra tall doors only is hidden below the bottom cupboard panel.



Performance summary 128 – 129
- Technical details in brief
- Door sizes
- Operating principle



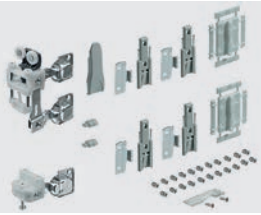
System summary 130 – 131



Planning ideas 132 – 134
- Choose the right fitting
- Examples applications with fitting lists



Planning dimensions 135 – 138



System components 139 – 144

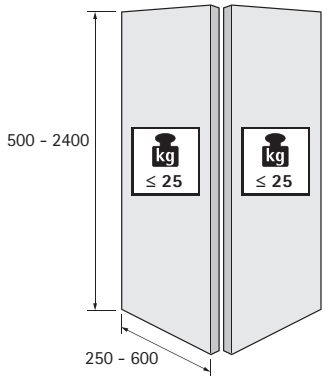


Installation 145 – 149

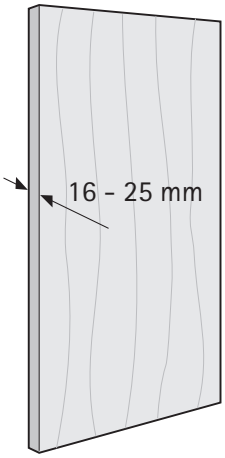
Technical details in brief

- Overlay door position
- For one folding door with 2 wings
- For wooden doors
- Door wing weight up to 25 kg
- Door height up to 2400 mm
- Door wing width up to 600 mm
- Push / Pull to move
- Tested with 40000 cycles
- Suitable for use with Hettich hinges

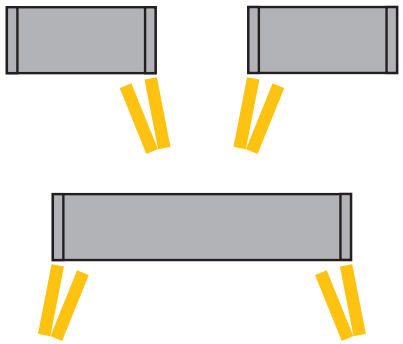
Door format and door weight



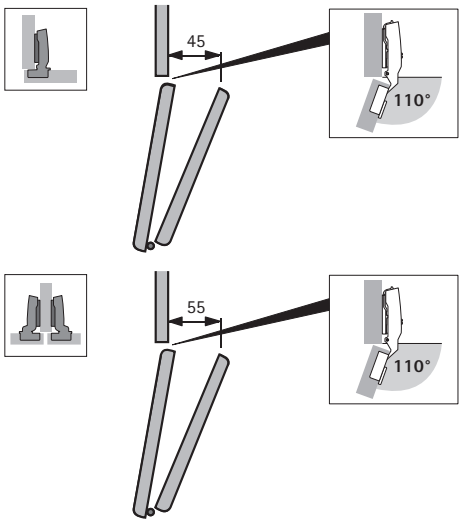
Door material



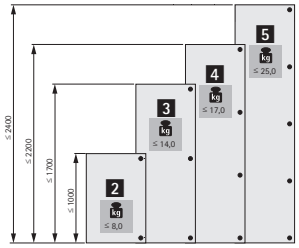
Number of door wings and door position



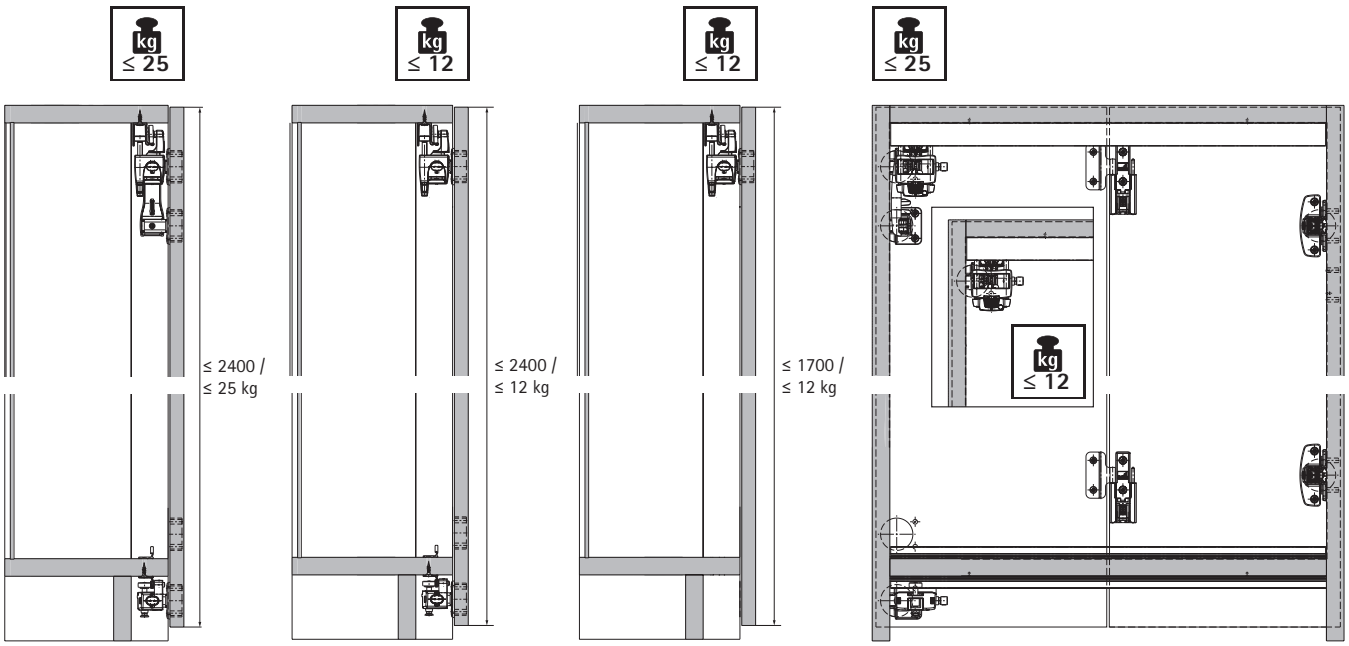
Door protrusion



Recommended number of carcase and folding door hinges

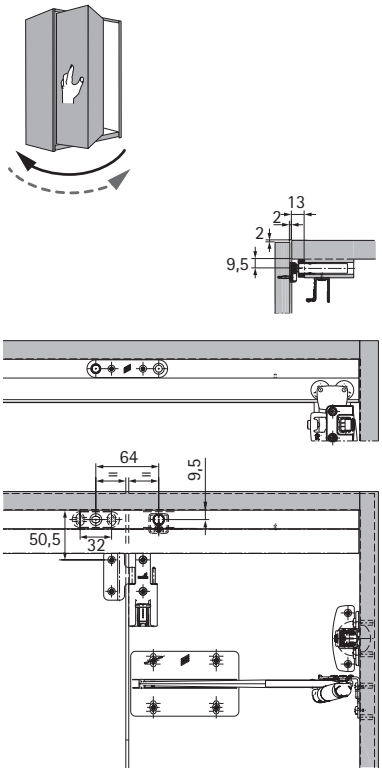


Operating principle / WingLine L

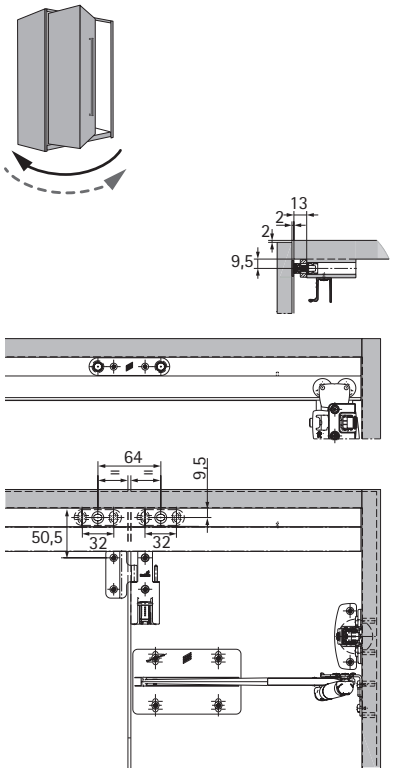


Operating principle / WingLine L with Push to move / Pull to move / Pull to move Silent

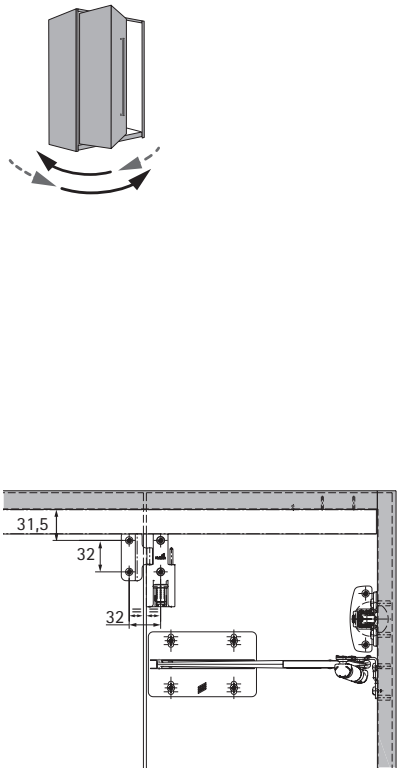
Push to move



Pull to move



Pull to move Silent



The new multifolder: WingLine L



Runner and guide profiles
- Runner profile
- Guide profile for installing on the plinth or under the plinth



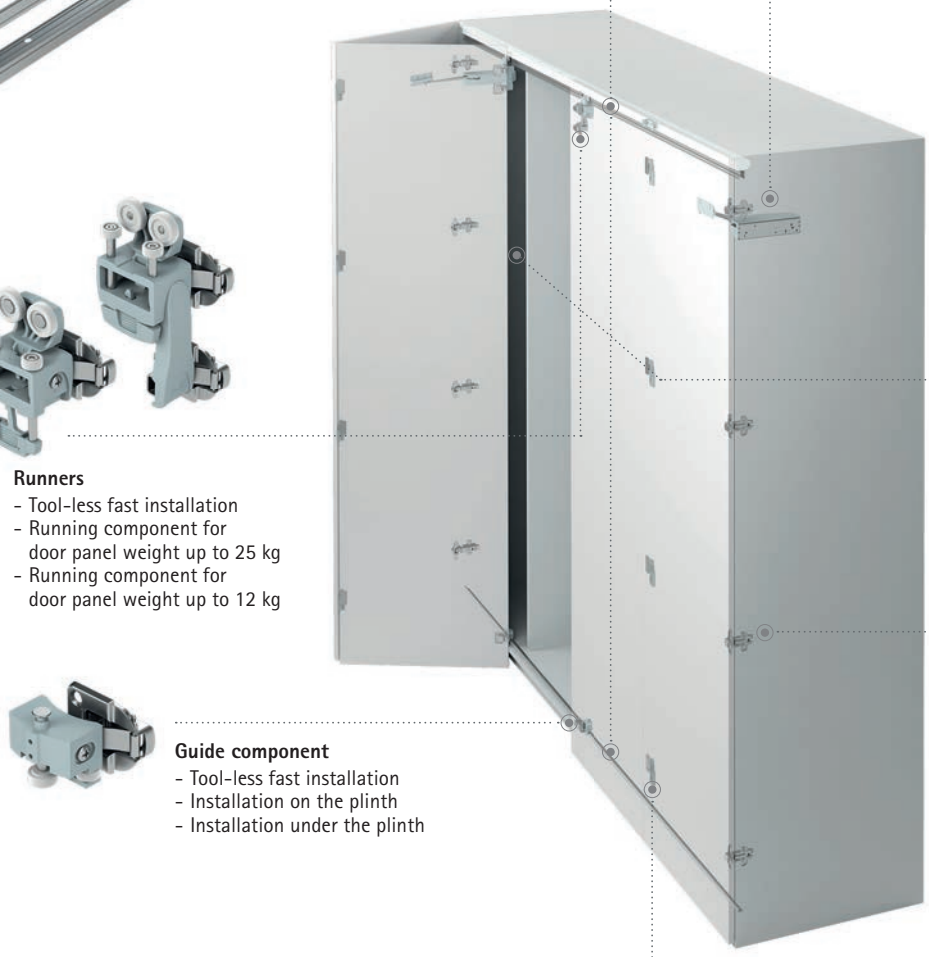
Push to move/Pull to move
- Mechanical, soft opening of the door panel set
- 3 force options depending on door panel width and weight



Runners
- Tool-less fast installation
- Running component for door panel weight up to 25 kg
- Running component for door panel weight up to 12 kg



Push to move
- Reliably keeps the door closed



Guide component
- Tool-less fast installation
- Installation on the plinth
- Installation under the plinth



Carcase hinges
- Sensys 110° or 95°
- Some options require the use of unsprung Sensys hinges



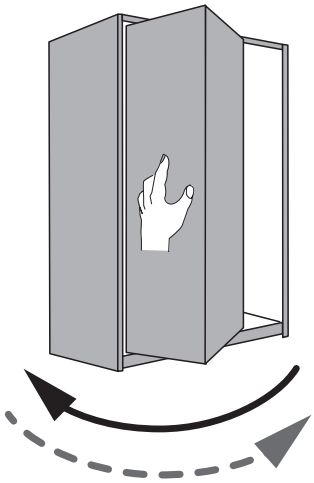
Centre hinge
- 2 part
- Tool-less fast installation



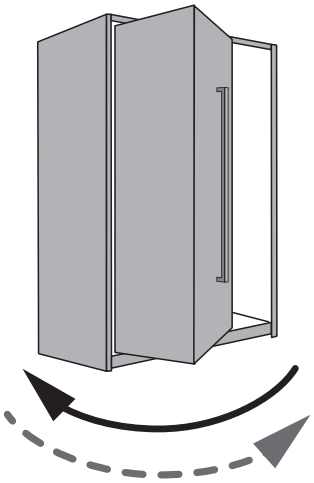
Intelligent installation accessories
- Profile installation
- Positioning centre hinges
- Positioning Push/Pull to move

WingLine L with Push to move and Pull to move

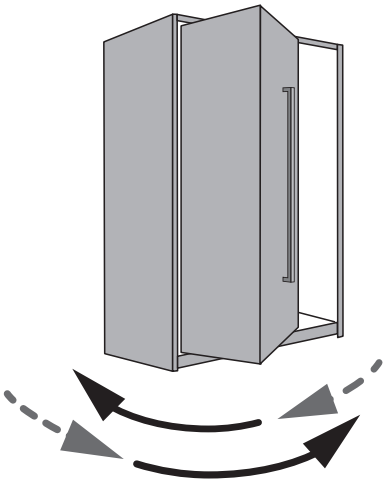
Pull to move and Push to move are two innovative and unique opening mechanisms for folding door systems.
A slight pull on the handle or gentle push on the (handleless) front automatically opens the door all the way, taking it to the open position in a cushioned movement. A fascinating opening effect that works all mechanically!
This means it requires neither cables nor any connection to the power supply.



Push to move
The door opens automatically in response to a light press on the front and is returned to the closed position by hand.



Pull to move
The door opens automatically from a 1° opening angle in response to a minimal pull on the handle and is returned to the closed position by hand.



Pull to move Silent
The door opens automatically from a 35° opening angle in response to a slight pull on the handle and is returned to the closed position in a cushioned movement.

WingLine L – the fast and easy way to the right article

Selecting the right WingLine L components depends on how you've designed your cabinet. Use the below questions and answers guide to help you make this selection, then order the relevant item numbers on the following pages.

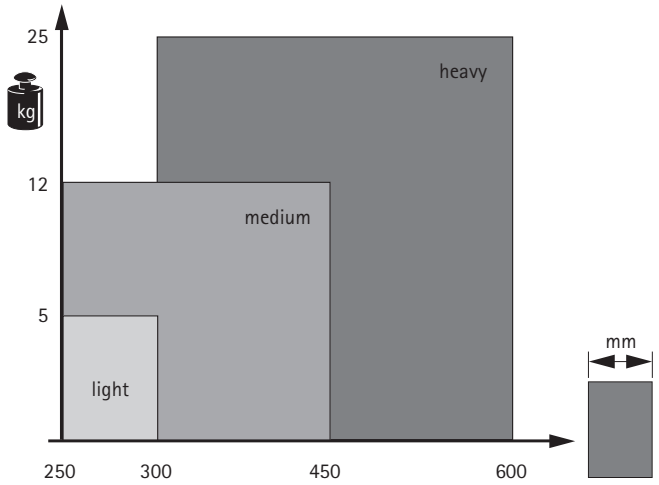
The following planning information is required for selecting the correct WingLine L articles in just a few easy steps:

- Number of folding doors
- Door wing width (mm)
- Door wing weight (kg)

Opening assistance required?
Classic front with handle or purist look without handles?

Door with handle	Door without handle
· Pull to move · Pull to move Silent · No opening assistance	· Push to move

What opening force is needed for Push / Pull / Pull to move Silent?



Do you need sprung hinges and running/guiding components. Or unsprung?

Opening mechanism	110 deg cabinet hinge	WingLine Runner
Push to move	Unsprung	Unsprung 12 or 25 kg
Pull to move	Unsprung	Unsprung 12 or 25 kg
Pull to move Silent	Soft Close	With self closing 12 or 25 kg
Regular WingLine Cabinet	Soft Close	With self closing 12 or 25 kg

Is a bottom door guide required?

Door wing weight up to 12kg and height up to 1700 mm	Bottom door guide: optional
From a door wing weight of 12kg and height above 1700 mm	Bottom door guide: recommended

Where will the bottom door guide be positioned?

Cabinet with toe-kick	Guide profile underneath bottom panel
Cabinet without toe-kick	Guide profile on top of bottom panel Guide profile underneath fixed shelf

Example: wardrobe



Planning details:
- Number of folding doors: 2
- Door wing width: 596 mm
- Door wing weight: 16.5 kg
- Front design: without handle
- Opening assistance: Push to move
- Self closing feature: Unsprung
- Opening force: high
- Bottom door guide: recommended
- Wardrobe with plinth: guide below the bottom panel

Profiles:
- Runner profile, 2400mm: **9 244 904 (white) or 9 237 917 (silver)**
- Guide profile, 2400mm: **9 237 990 (silver) or 9 244 905 (white)**

Fittings:
- Running and guide components weight of 25 kg, unsprung
  - left: **9 237 495** & **9 237 434** - right: **9 237 494** & **9 237 433**
- Centre hinge 2-part: **9 229 920** & **9 236 605** x4

Opening assistance:
- Push to move, heavy - left: **9 238 052**
  heavy - right: **9 238 053**

Example: top mounted cabinet



Planning details:
- Number of folding doors: 1
- Door wing width: 295 mm
- Door wing weight: 5 kg
- Front design: with handle
- Opening assistance: Pull to move
- Self closing feature: Unsprung
- Opening force: low
- Bottom door guide: recommended
- Wardrobe without plinth: guide below the structural panel

Profiles:
- Runner profile, 2400mm: **9 244 904 (white) or 9 237 917 (silver)**
- Guide profile, 2400mm: **9 237 990 (silver) or 9 244 905 (white)**

Fittings:
- Running and guide components weight of 12 kg, unsprung
  - right: **9 237 480** & **9 237 433**
- Centre hinge 2-part: **9 229 920** & **9 236 605** x2

Opening assistance:
- Pull to move, light - right: **9 238 118**

Example: utility room cabinet



Planning details:
- Number of folding doors: 2
- Door wing width: 363 mm
- Door wing weight: 4 kg
- Front design: with handle
- Opening assistance: Pull to move Silent
- Self closing feature: yes
- Opening force: moderate
- Bottom door guide: none needed
- Cabinet without plinth: guide not needed

Profiles:
- Runner profile, 2400mm: **9 244 904 (white) or 9 237 917 (silver)**
- Guide profile, 2400mm: **9 237 990 (silver) or 9 244 905 (white)**

Fittings:
- Running components only, weight of 12 kg, sprung
  - left: **9 237 488** - right: **9 237 484**
- Centre hinge 2-part: **9 229 920** & **9 236 605** x4

Opening assistance:
- Pull to move Silent, medium - left: **9 238 121**
  medium - right: **9 238 124**

Example: under stairs cabinet



Planning details:
- Number of folding doors: 1
- Door wing width: 495 mm
- Door wing weight: 11.5 kg
- Front design: without handle
- Opening assistance: Push to move
- Self closing feature: Unsprung
- Opening force: high
- Bottom door guide: recommended
- Wardrobe with plinth: guide below the bottom panel

Profiles:
- Runner profile, 2400mm: **9 244 904 (white) or 9 237 917 (silver)**
- Guide profile, 2400mm: **9 237 990 (silver) or 9 244 905 (white)**

Fittings:
- Running and guide components weight of 12 kg, unsprung
  - right: **9 237 480** & **9 237 433**
- Centre hinge 2-part: **9 229 920** & **9 236 605** x3

Opening assistance:
- Push to move, heavy - right: **9 238 053**

Example: bathroom cabinet



Planning details:
- Number of folding doors: 2
- Door wing width: 298 mm
- Door wing weight: 5 kg
- Front design: with handle
- Opening assistance: no
- Self closing feature: yes
- Opening force: not necessary
- Bottom door guide: recommended
- Cabinet with plinth: guide below the bottom panel

Profiles:
- Runner profile, 2400mm: **9 244 904 (white) or 9 237 917 (silver)**
- Guide profile, 2400mm: **9 237 990 (silver) or 9 244 905 (white)**

Fittings:
- Running and guide components weight of 12 kg, sprung
  - left: **9 237 488** & **9 237 432** - right: **9 237 484** & **9 237 431**
- Centre hinge 2-part: **9 229 920** & **9 236 605** x3

Opening assistance:
- None

Example: kitchen wall unit



Planning details:
- Number of folding doors: 1
- Door wing width: 445 mm
- Door wing weight: 4 kg
- Front design: front projecting below bottom panel as handle
- Opening assistance: Pull to move Silent
- Self closing feature: yes
- Opening force: moderate
- Bottom door guide: no
- Cabinet without plinth: guide not needed

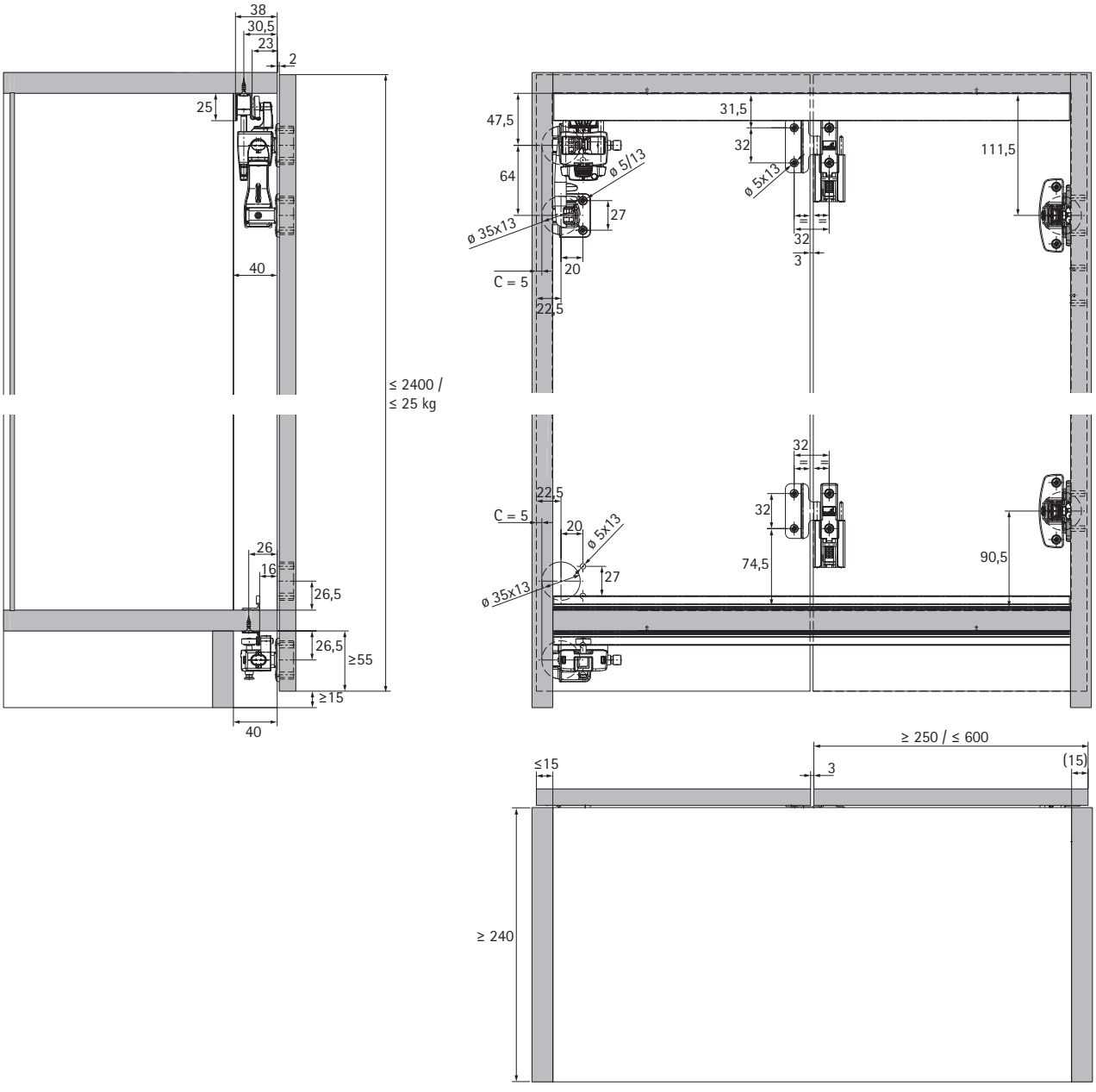
Profiles:
- Runner profile, 2400mm: **9 244 904 (white) or 9 237 917 (silver)**

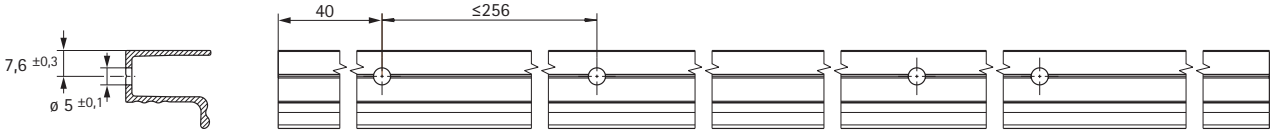
Fittings:
- Running component only, weight of 12 kg, sprung
  - left: **9 237 488**
- Centre hinge 2-part: **9 229 920** & **9 236 605** x2

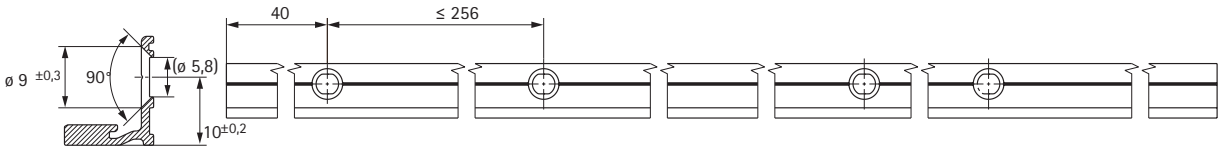
Opening assistance:
- Pull to move Silent, medium - left: **9 238 121**

WingLine L max. door wing weight 25 kg

kg
≤ 25

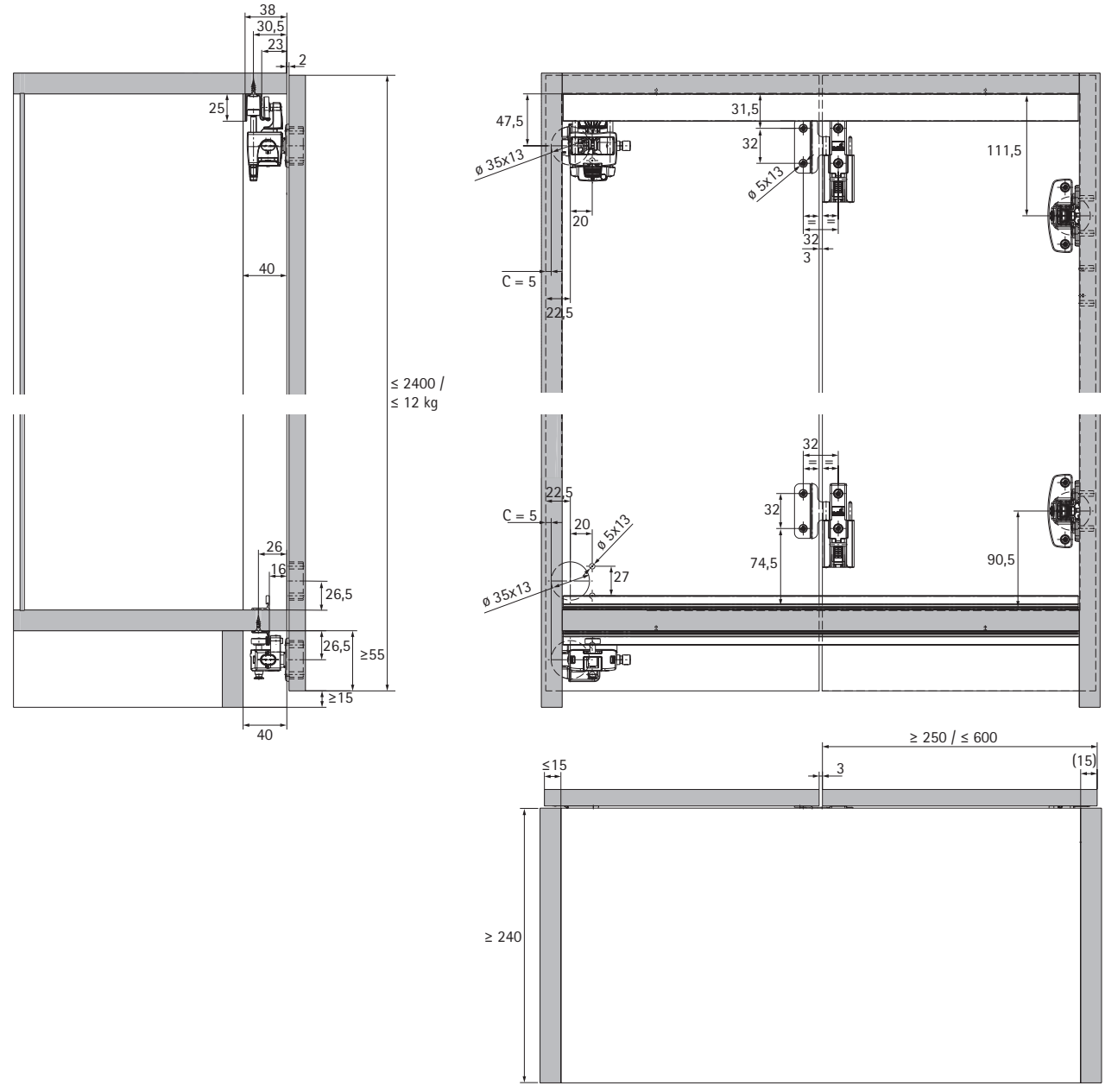


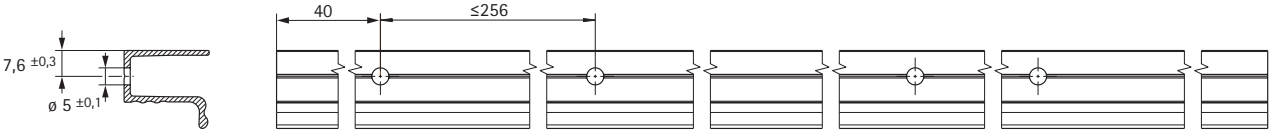


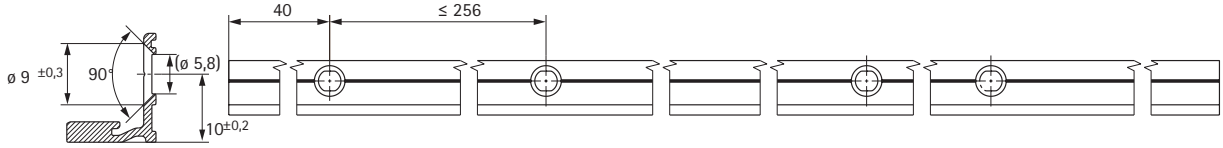


WingLine L max. door panel weight 12 kg

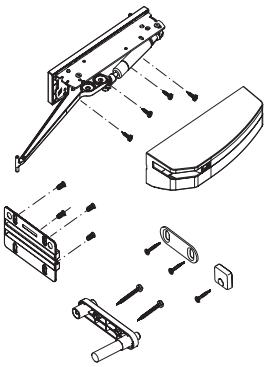
kg
≤ 12

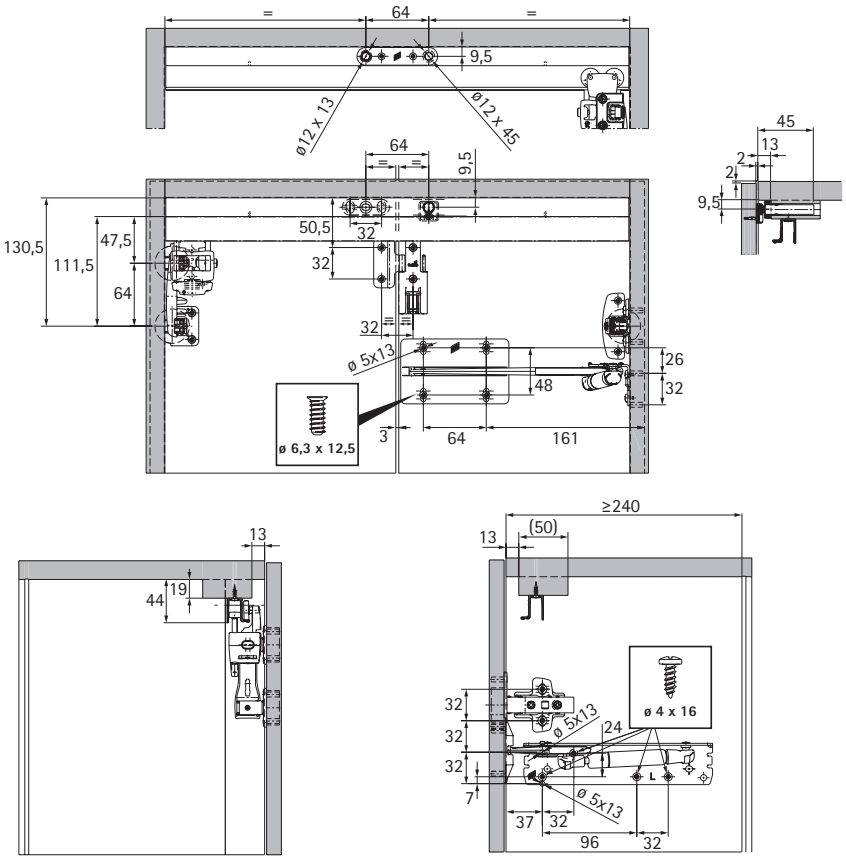




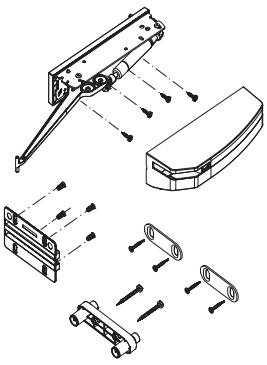


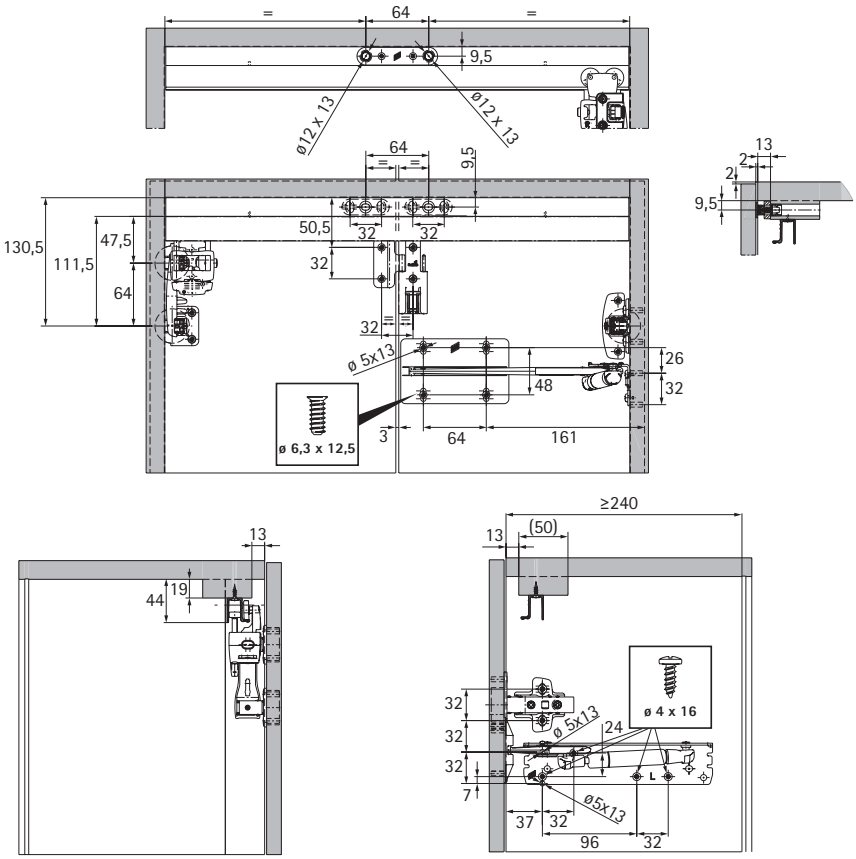
WingLine L with Push to move



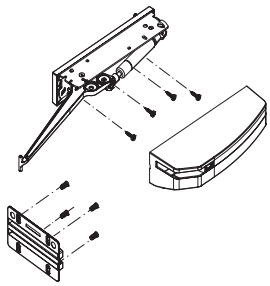


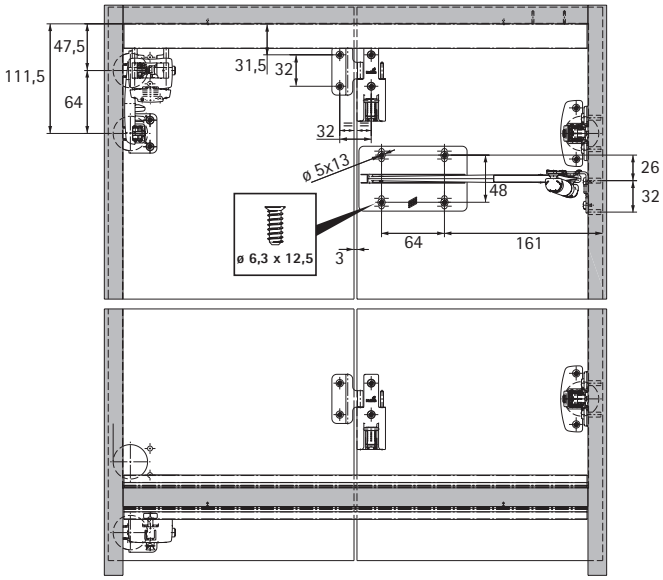
WingLine L with Pull to move

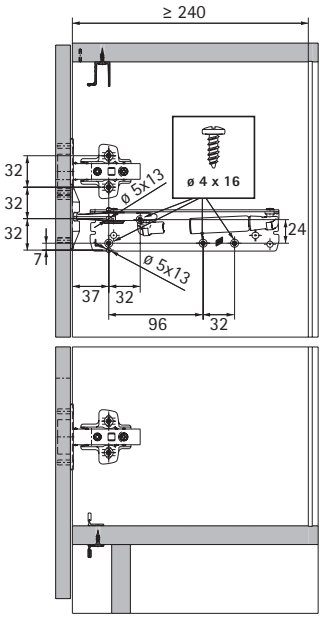




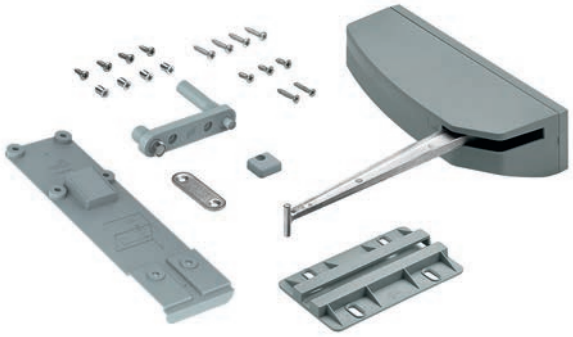
WingLine L with Pull to move Silent







Push to move



- Mechanism for automatic, soft opening of a door set by pressing on the handleless front
- Set contains all the parts required for opening a folding sliding door with 2 wings

Set comprises:
- 1 Push to move unit
- 1 support unit with 1 Push to open Pin and 1 magnet
- 1 magnetic counterplate
- 1 activator
- 1 door rail
- 1 positioning aid
- Fixing screws

Useful information:
- Please order profiles and fittings separately
- Cabinet body hinges without self closing feature must be used in combination with Push to move. Recommendation: Sensys 8675 opening angle 110°

Version	Order no. / Cabinet side		PU
	left	right	
light	**9 238 102**	**9 238 113**	1 set
medium	**9 238 051**	**9 238 101**	1 set
heavy	**9 238 052**	**9 238 053**	1 set

Pull to move



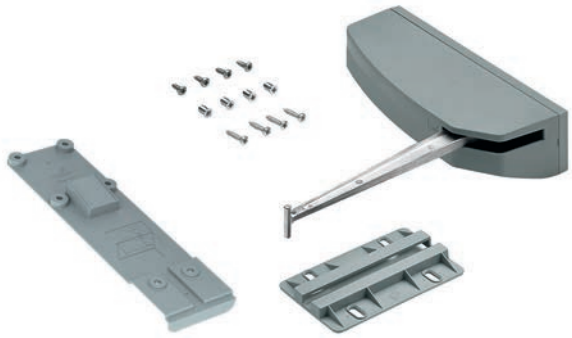
- Mechanism for automatic, soft opening of a door set with minimal pull on the handle
- Set contains all the parts required for opening a folding sliding door with 2 wings

Set comprises:
- 1 Pull to move unit
- 1 support unit with 2 magnets
- 2 magnetic counterplates
- 1 door rail
- 1 positioning aid
- Fixing screws

Useful information:
- Please order profiles and fittings separately
- Cabinet body hinges without self closing feature must be used in combination with Pull to move. Recommendation: Sensys 8675 opening angle 110°

Version	Order no. / Cabinet side		PU
	left	right	
light	**9 238 117**	**9 238 118**	1 set
medium	**9 238 115**	**9 238 116**	1 set
heavy	**9 238 125**	**9 238 114**	1 set

Pull to move Silent



- Mechanism for automatic, soft opening of a door set with a light pull on the handle
- Silent and soft closing of the door set with Sensys cabinet body hinge
- Set contains all the parts required for opening a folding sliding door with 2 wings

Set comprises:
- 1 Pull to move Silent unit
- 1 door rail
- 1 positioning aid
- Fixing screws

Useful information:
- Please order profiles and fittings separately
- Cabinet body hinges with self closing feature must be used in combination with Push to move Silent. Recommendation: Sensys 8645i opening angle 110°

Version	Order no. / Cabinet side		PU
	left	right	
light	**9 238 120**	**9 238 119**	1 set
medium	**9 238 121**	**9 238 124**	1 set
heavy	**9 238 123**	**9 238 122**	1 set

Accessories for Push to move system | Stay closed function

- Set comprises closed function and fixing material

	Type	Colour	Order no.	PU
	Mechanical stay closed function - for screw mounting below the structural shelf panel - shelf set back by 3 mm	white	**9 264 170**	1/50 set
	Standard magnetic stay closed function - for screw mounting in front of the structural shelf panel - self set back by 13mm	grey	**9 282 900**	1/10 set

Running component for door wing weighing up to 25 kg with self closing feature sprung



- Can be used in standard folding door application without opening mechanism
- Can be used in combination with Pull to move Silent
- Tool-less fast installation
- With 2 concealed hinges

Cabinet side	Order no.	PU
left	**9 237 492**	50 ea.
right	**9 237 493**	50 ea.

Running component for door wing weighing up to 25 kg unsprung



- For use in combination with Pull to move and Push to move
- Tool-less fast installation
- With 2 concealed hinges
- +/- 3 mm height adjustment

Cabinet side	Order no.	PU
left	**9 237 495**	50 ea.
right	**9 237 494**	50 ea.

Running component for door panel weighing up to 12 kg with self closing feature sprung



- Can be used in standard folding door application without opening mechanism
- Can be used in combination with Pull to move Silent
- Tool-less fast installation
- With 1 concealed hinge

Cabinet side	Order no.	PU
left	**9 237 488**	50 ea.
right	**9 237 484**	50 ea.

Running component for door panel weighing up to 12 kg unsprung



- For use in combination with Pull to move and Push to move
- Tool-less fast installation
- With 1 concealed hinge
- +/- 3 mm height adjustment

Cabinet side	Order no.	PU
left	**9 237 479**	50 ea.
right	**9 237 480**	50 ea.

Guide component with self closing feature sprung



- Can be used in standard folding door application without opening mechanism
- Guide component with 3 runner rollers and 1 concealed hinge
- Can be used in combination with Pull to move Silent
- Tool-less fast installation

Mounting option	Order no. / Cabinet side		PU
	left	right	
Installation on plinth	**9 237 431**	**9 237 432**	100 ea.
Installation under plinth	**9 237 432**	**9 237 431**	100 ea.

Guide component unsprung



- Can only be used in combination with Pull to move and Push to move
- Guide component with 3 runner rollers and 1 concealed hinge
- Tool-less fast installation
- Installation on or under the plinth

Mounting option	Order no. / Cabinet side		PU
	left	right	
Installation on plinth	**9 237 433**	**9 237 434**	100 ea.
Installation under plinth	**9 237 434**	**9 237 433**	100 ea.

Centre hinge, fast installation



- Centre hinge, comprising 2 components
- Tool-less door panel installation
- For easy screw mounting on door panel

Version	Order no.	PU
Hinge component 1	**9 229 920**	200 ea.
Hinge component 2	**9 236 605**	400 ea.

Centre hinge with adjustable offset pivot



- Centre hinge for folding doors
- For door thicknesses from 15 mm
- Same drilling pattern for door and side element, both elements are mounted separately
- The reveal can be infinitely adjusted from minimum reveal to + 4 mm, application is always flush
- Gradual adjustment of the pivot offset with 0 mm, 3 mm and 6 mm
- Zinc die-cast nickel plated

Mounting option	Order no.	PU
For pressing in	**0 052 095**	10 ea.
For screwing in	**0 046 787**	10 ea.

Runner profile



Length mm	Finish	Order no.	PU
2400	powder coated, white	**9 244 904**	100 ea.
2400	silver anodized	**9 237 917**	100 ea.

Guide profile



- For screwing on

Length mm	Finish	Order no.	PU
2400	silver	**9 237 990**	100 ea.
2400	white	**9 244 905**	100 ea.

Cover cap for running component for door wings weighing up up to 25 kg



- For covering running components for door wings weighing up to 25 kg
- Plastic, grey

Order no.	PU
9 227 326	500 ea.

Door damper



- Prevents running and guide component from colliding with the side panel
- One door damper must be fitted for each running and guide component

Order no.	PU
9 236 926	500 ea.

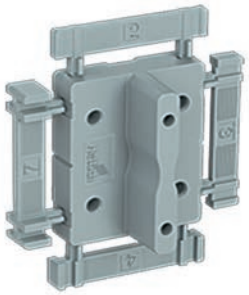
Stay open element



- Holds door set in opened position
- Prevents the door set from springing back
- One stay open element must be used for each door set
- Not needed when using Push to move, Pull to move or Pull to move Silent

Hinge side of cabinet	Order no.	PU
left	**9 237 710**	500 ea.
right	**9 237 711**	500 ea.

Positioning aid centre hinge



- For easily defining the right drilling position for the fast assembly centre hinge

Order no.	PU
9 237 039	100 ea.

Door protection clip



- Prevents a bowing door from colliding with the centre panel on closing
- Installed on the side panel in hole line 37 or 28

Order no.	PU
9 236 460	500 ea.

Profile support



- Supports the runner profile at the end of the profile
- Use is recommended if the last screw on position cannot be used in

Order no.	PU
9 236 461	500 ea.

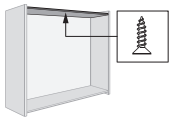
Profile mounting clip



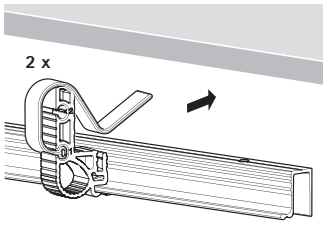
- Securely holds the profiles in the correct screw mounting position
- Installation clip can be used on the runner profile and guide profile (on and under the plinth)

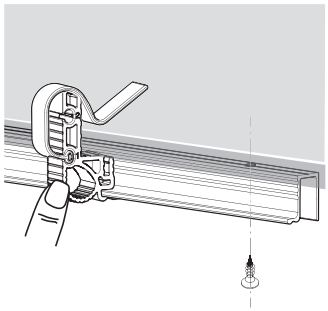
Order no.	PU
9 237 758	500 ea.

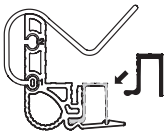
Installing runner and guide profiles

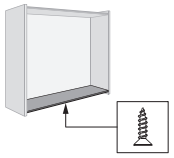




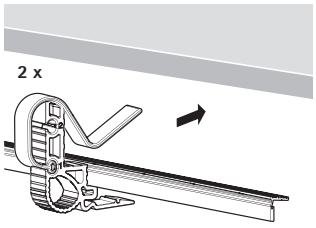


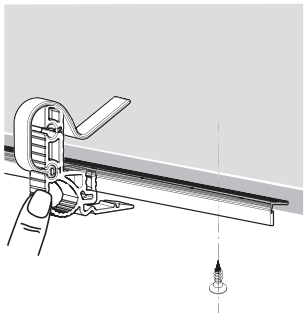


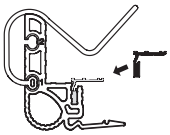




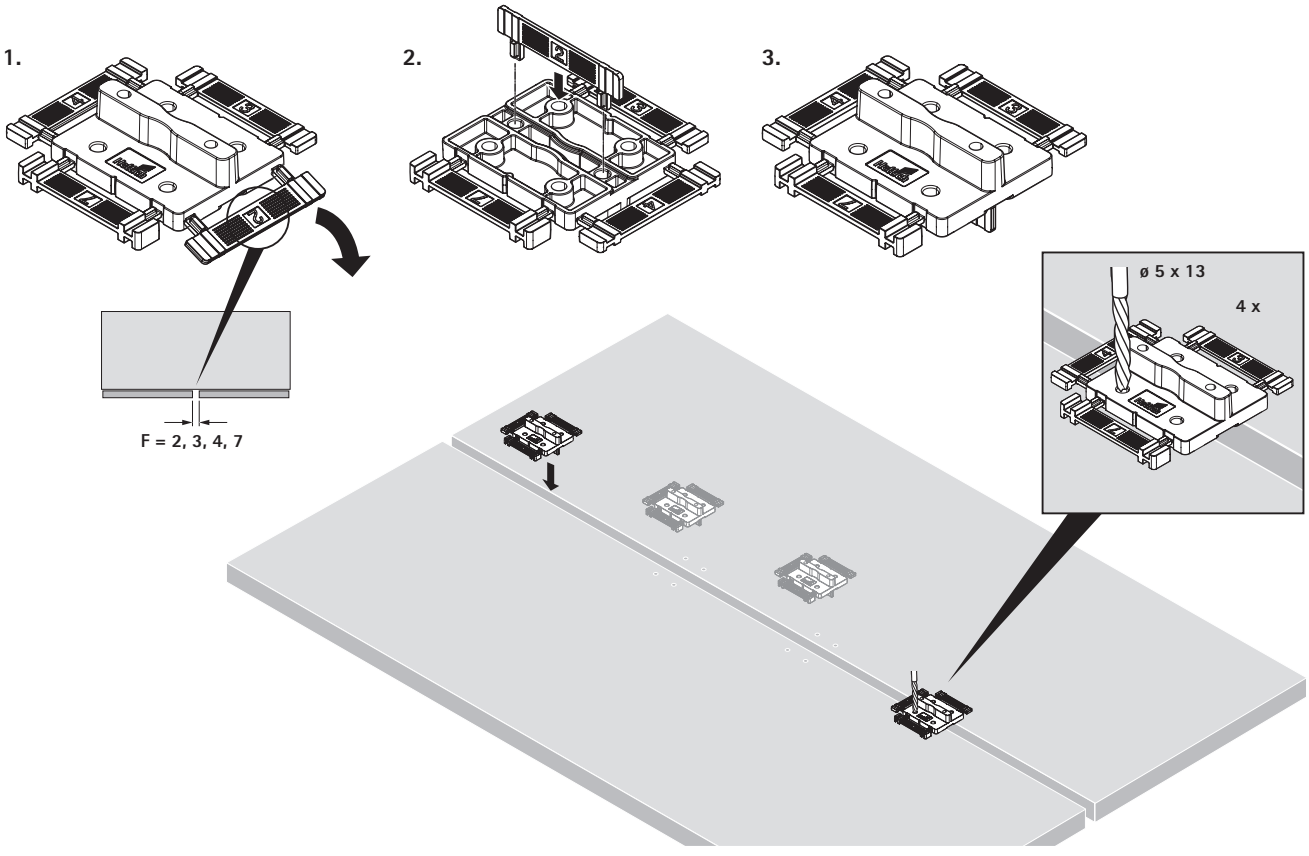




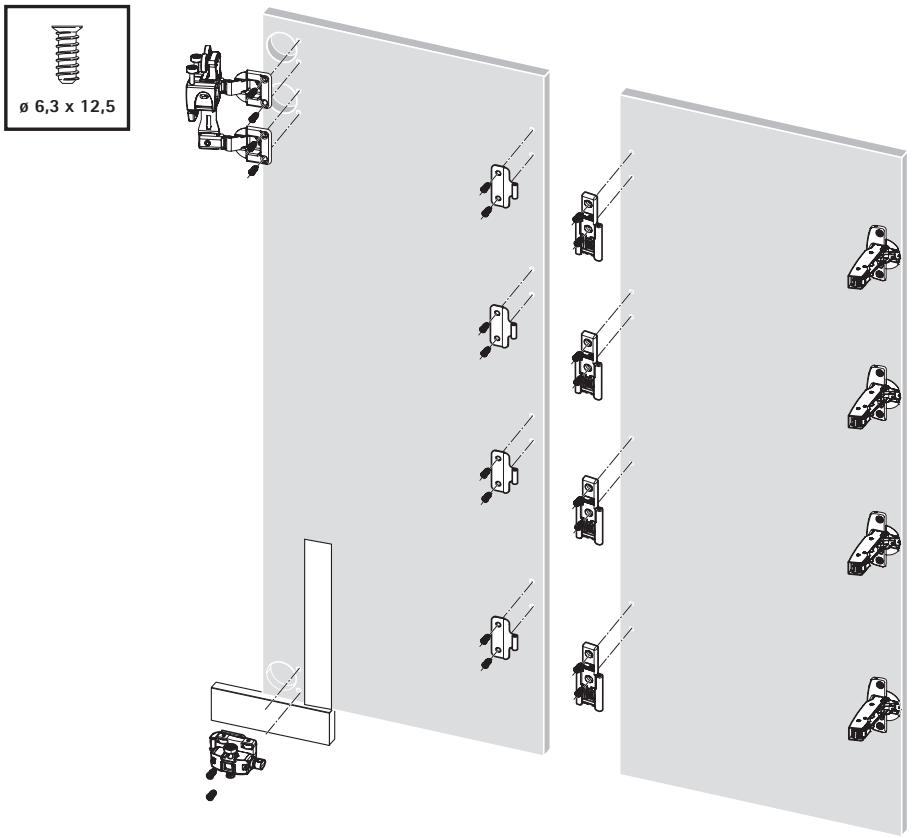




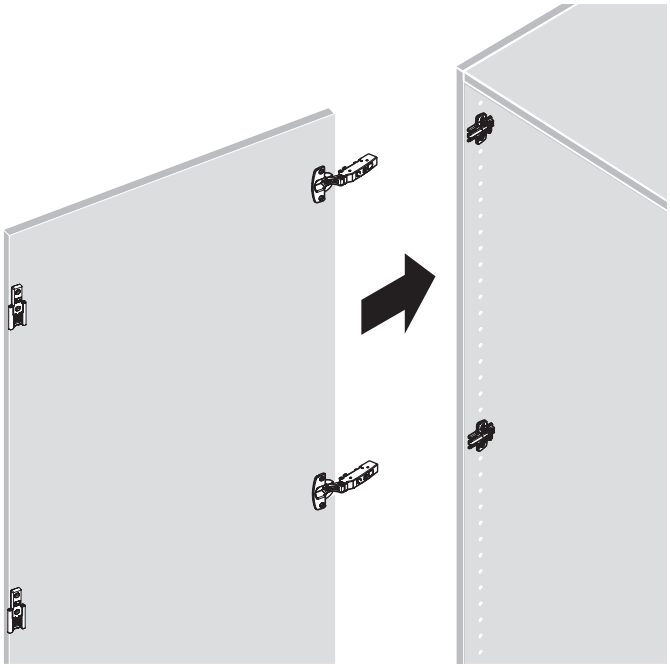
Positioning centre hinges

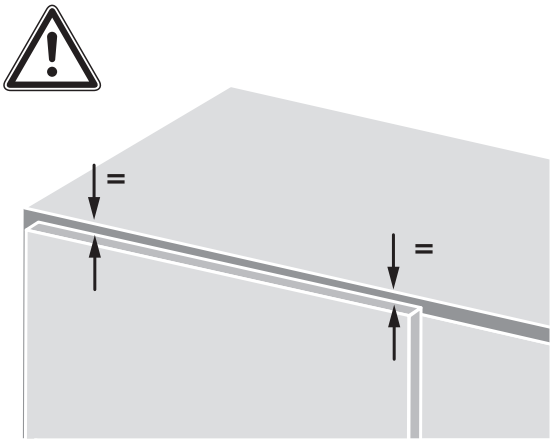


Installing fitting components



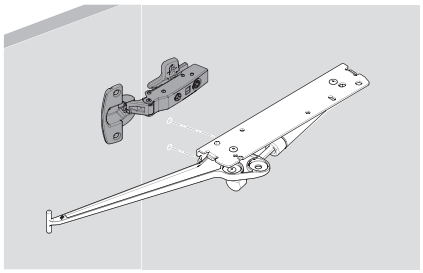
Installing first door wing

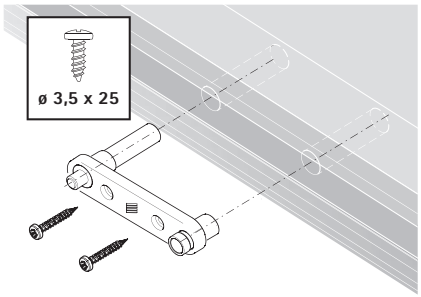


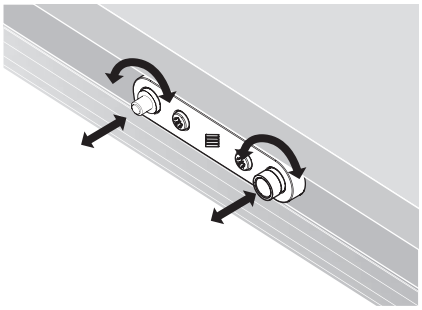


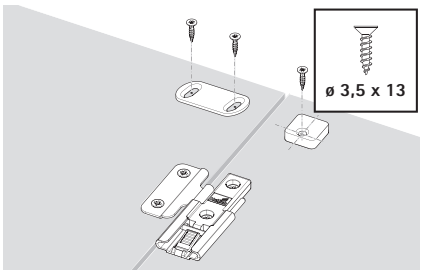
Installing Push to move / Pull to move / Pull to move Silent

Push to move

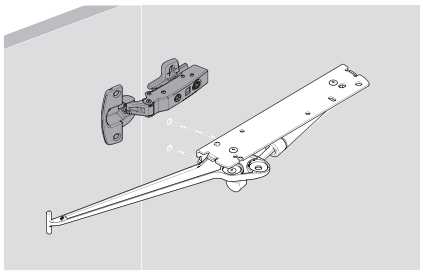


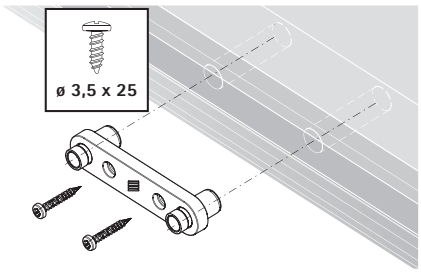


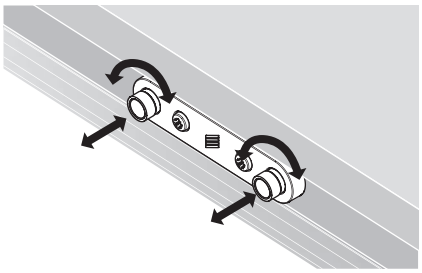


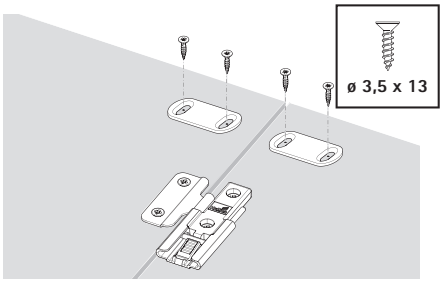


Pull to move

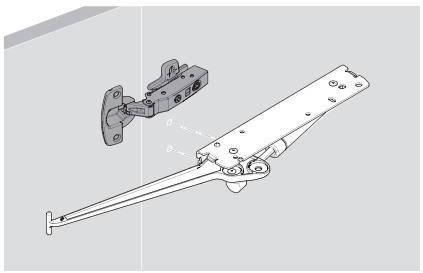




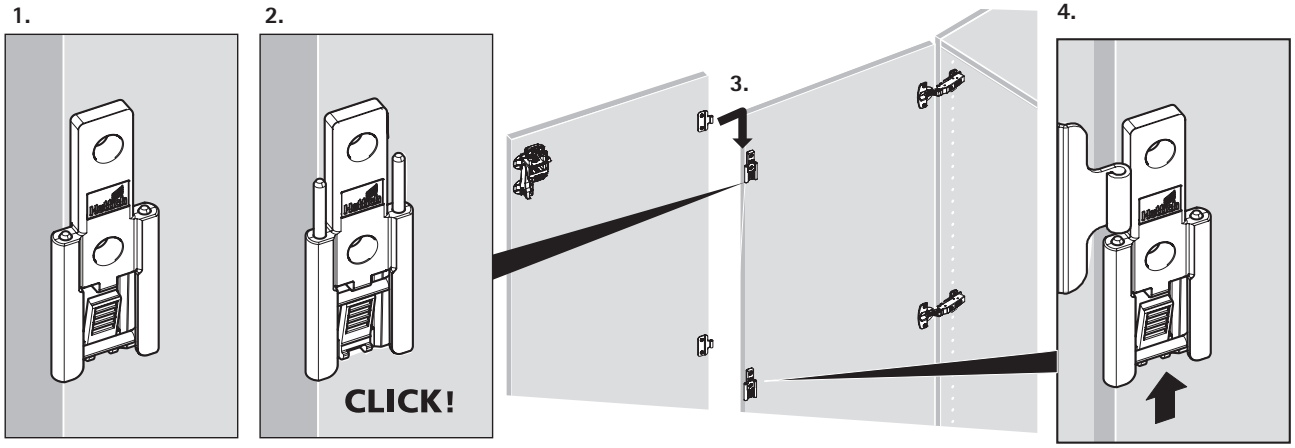




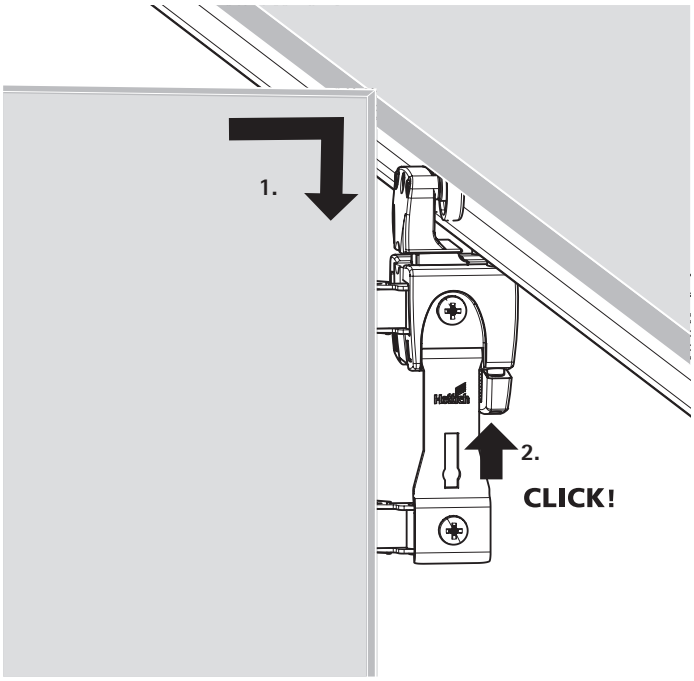
Pull to move Silent

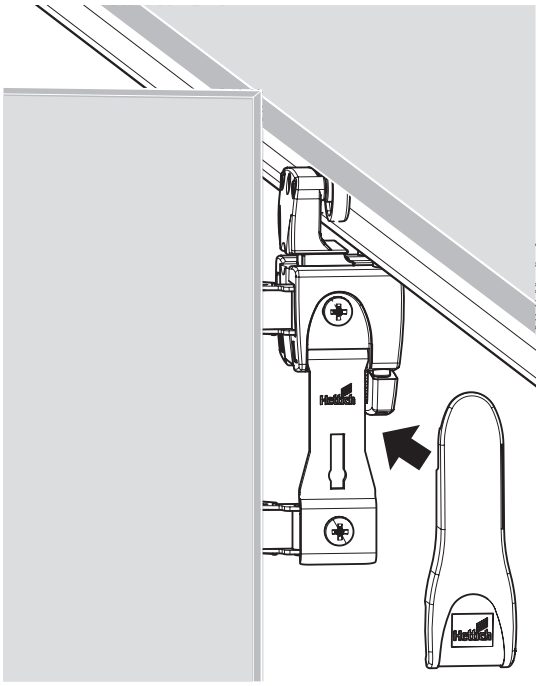


Toolless fast installation of the second door wing

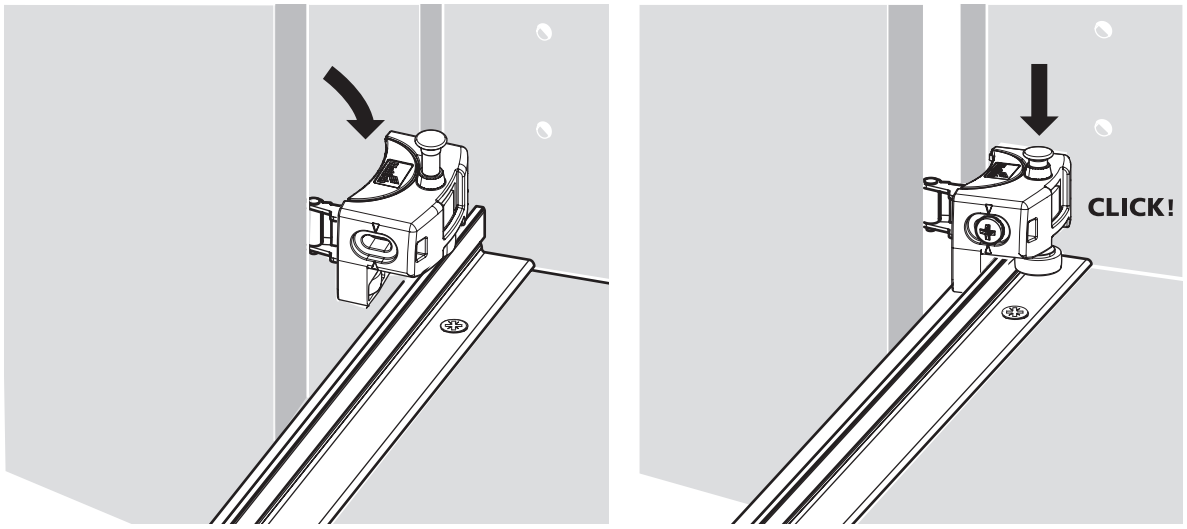


Tool-less running component fast assembly

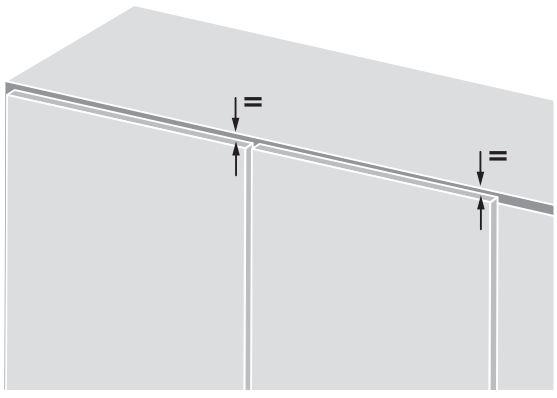


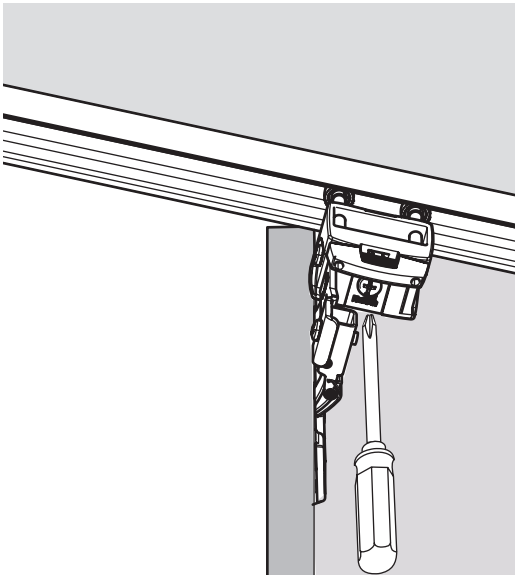


Tool-less fast assembly of guide components



Height adjustment at the running component

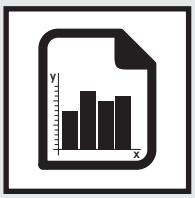




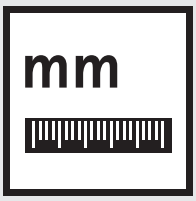
WingLine 230 / Attached to the side



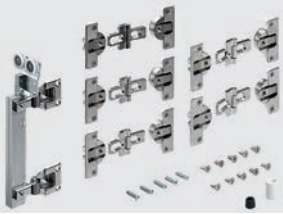
WingLine 230 is the giant among folding door systems: areas of over 6 m^2 are opened up in a single movement. Perfect for large cabinets in the office or utility room and as an agile room divider. WingLine 230 has exactly what it takes, supporting doors with a leaf weight of 20 to 25 kg. Extremely sturdy: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



Performance summary 152 – 153
- Technical details in brief
- Door sizes
- Operating principle



Planning dimensions 154 - 155



System components 156

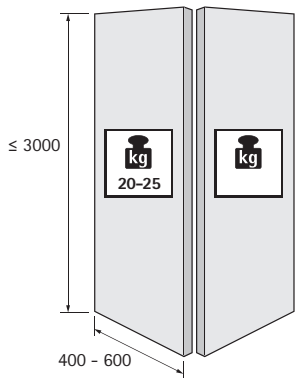


Installation 157

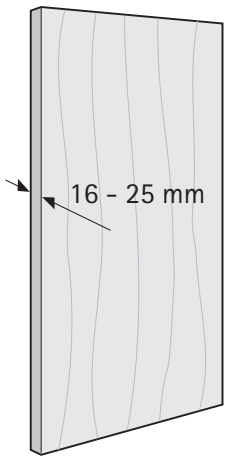
Technical details in brief

- 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

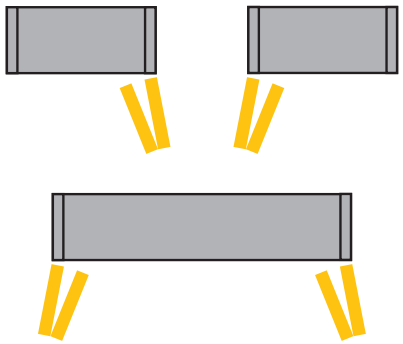
Door format and door weight



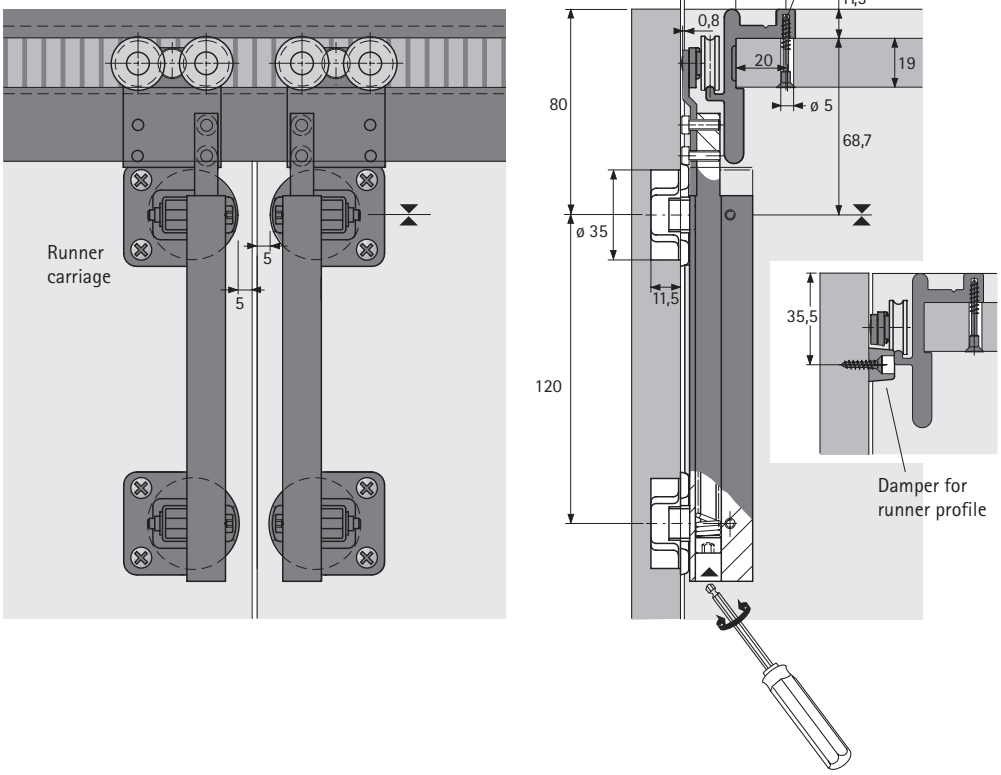
Door material



Number of door wings and door position

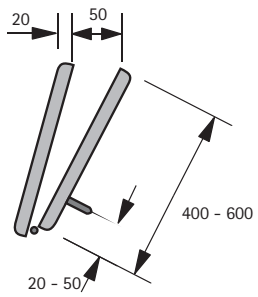


Operating principle / 1 folding door with 2 wings



WingLine 230 installation dimensions

2-wing door set

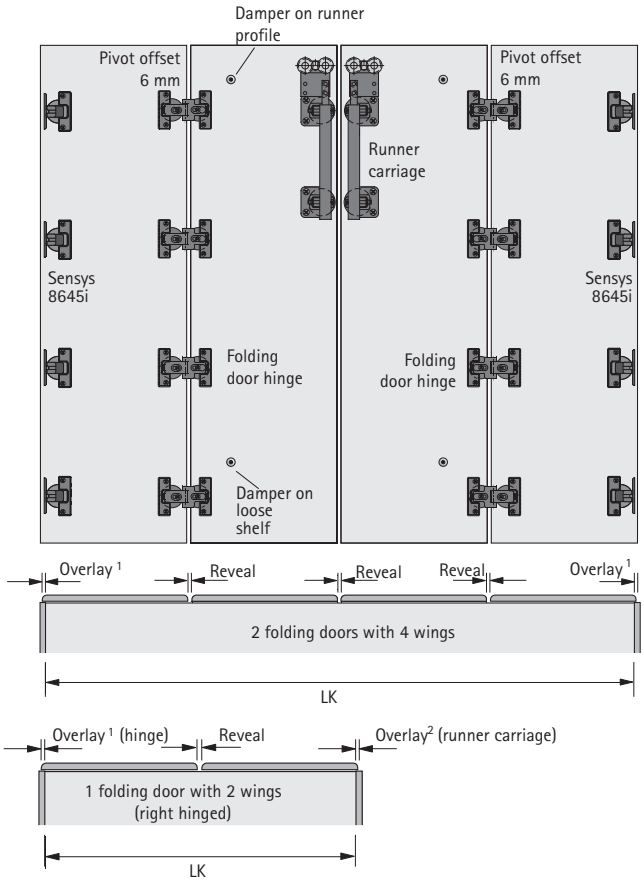


2-wing folding door

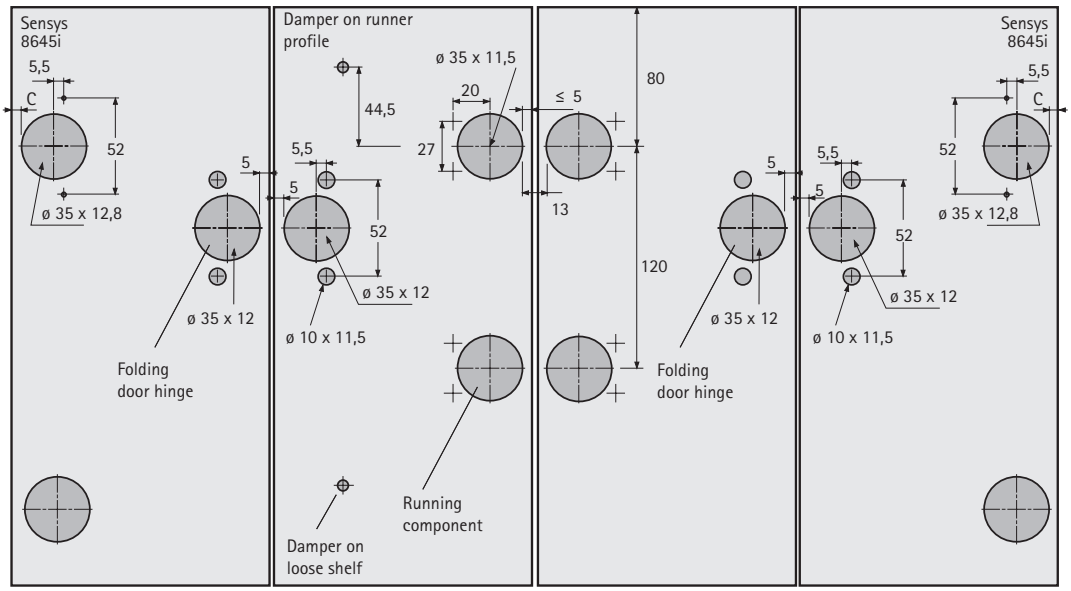
Door width 800 - 1200 mm
Door weight / wing 20 - 25 kg
Door wing height 2000 - 3000 mm

Calculation of door width / door wing width
2 folding doors with 4 wings
Door width = inside carcase width + (2 x overlay[1])
Door panel width = (inside carcase width – 3 x reveal + 2 x overlay[1]) ÷ 4
Overlay[1]: max. 15 mm, C dimension 5 mm
1 folding door with 2 wings
Door width = inside carcase width + (overlay[1] + overlay[2])
Door panel width = (inside carcase width – 1 x reveal + overlay[1] + overlay[2]) ÷ 2
Overlay[1]: max. 15 mm, C dimension 5 mm
Overlay[2]: max. 4 mm

4-wing folding door

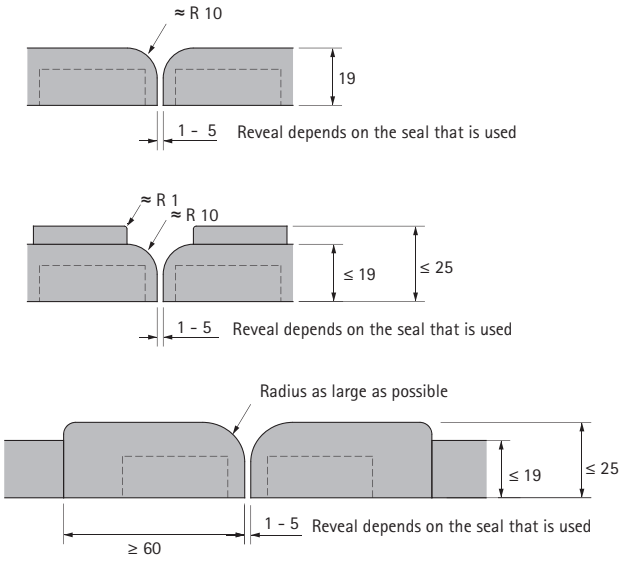


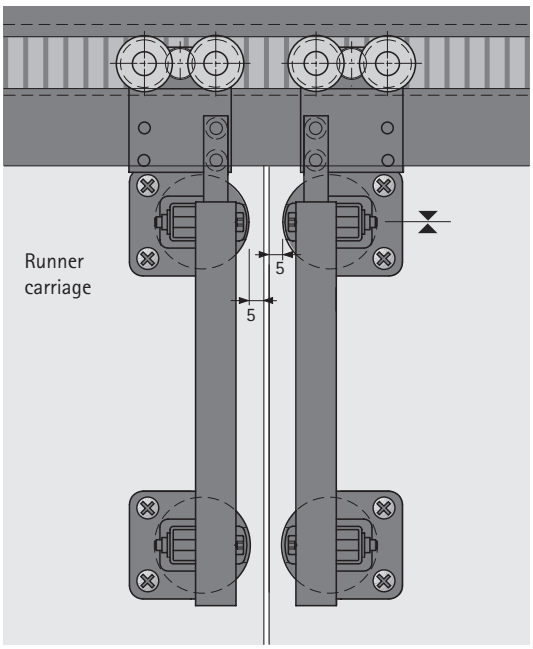
Drilling patterns



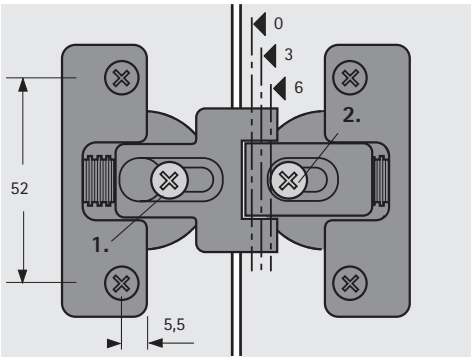
WingLine 230 installation dimensions

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

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

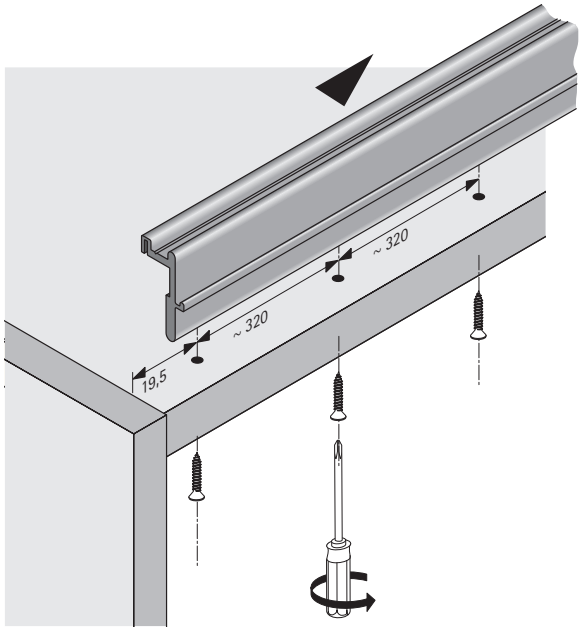
Runner profile

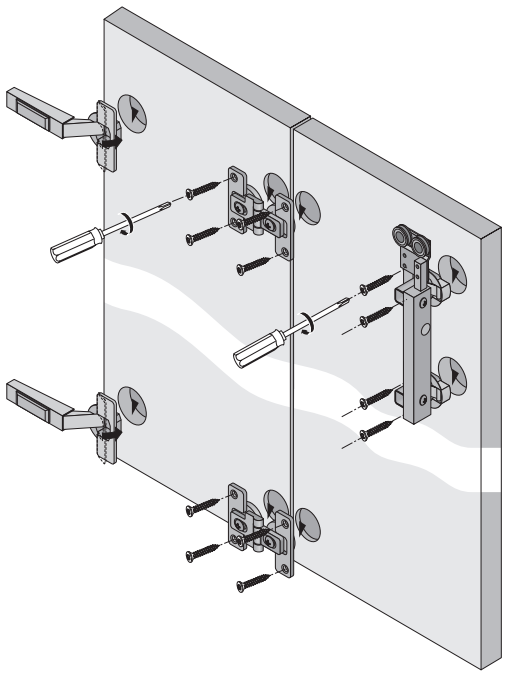


- For 19 mm top shelf
- For screwing on
- Length 2,400 mm

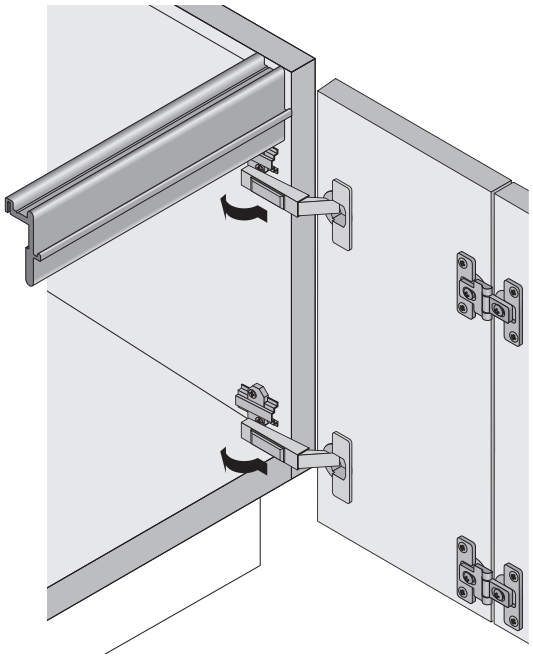
Length mm	Colour	**Order no.**	PU
2400	white	**0 079 013**	1/4 ea.

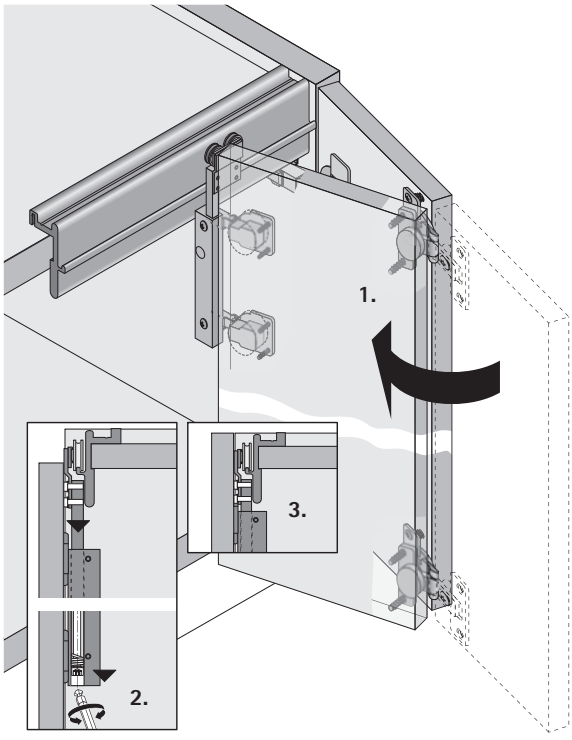
Installing runner profile / preparing door set





Installation door set







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.

Performance summary 160 – 161
- Technical details in brief
- Door sizes
- Operating principle

Planning dimensions 162 – 163



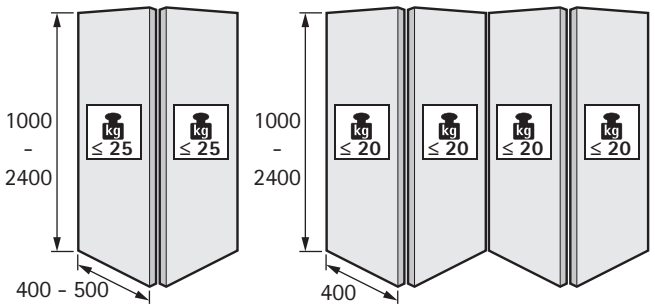
System components 164 – 165

Installation 166 – 166

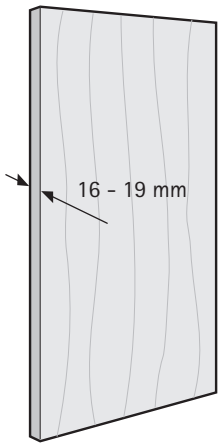
Technical details in brief

- 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

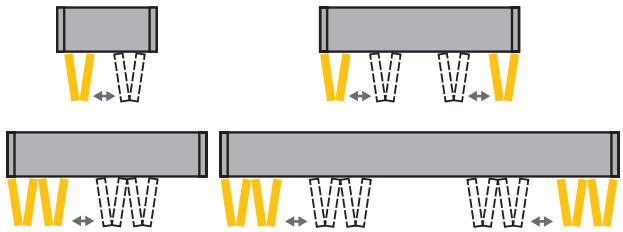
Door format and door weight



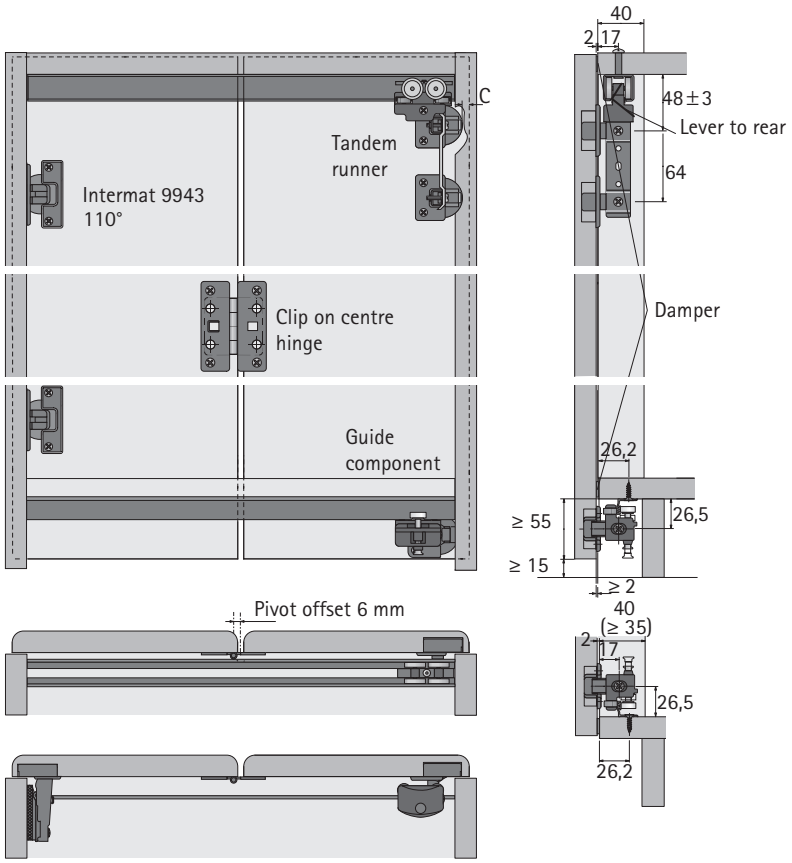
Door material



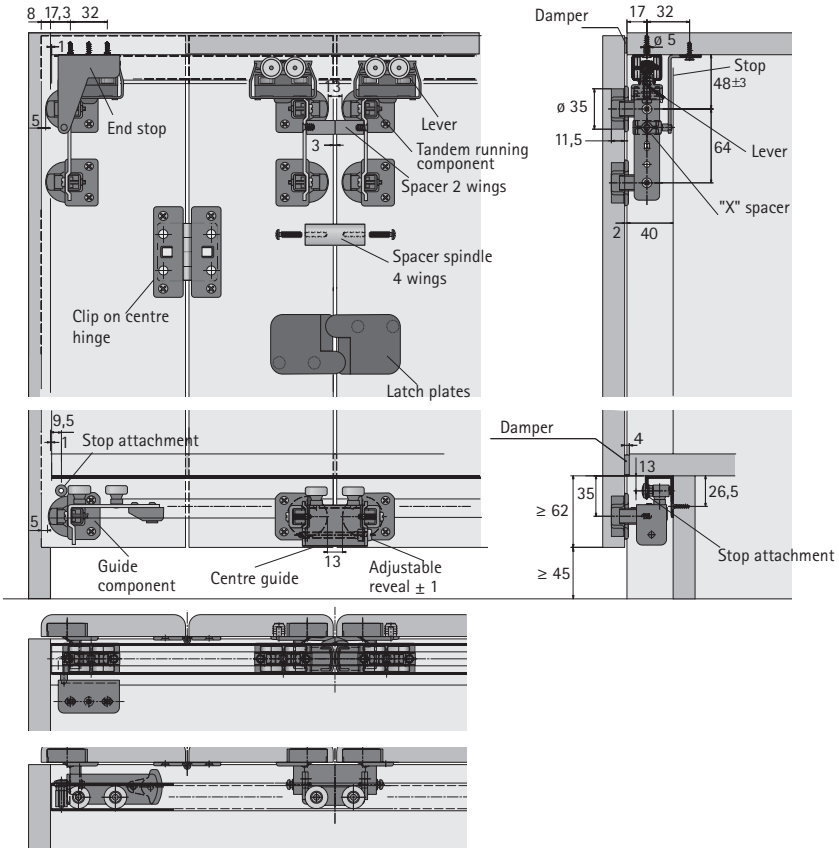
Number of door wings and door position



Operating principle / 1 folding door with 2 wings

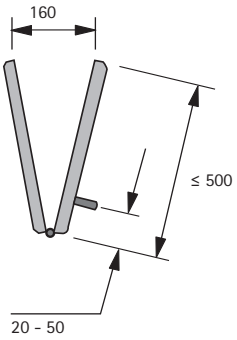


Operating principle / 1 folding door with 4 wings



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

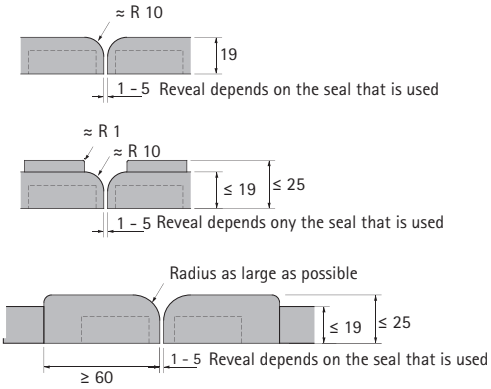
2-wing door set



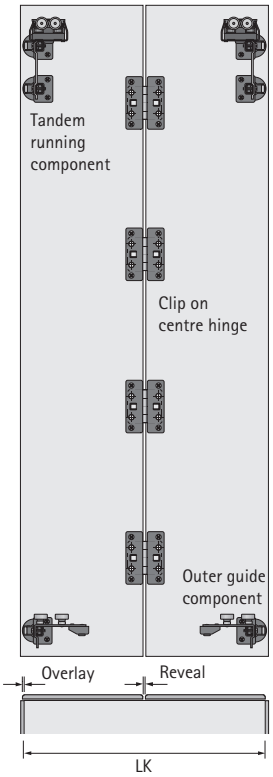
2-wing folding door

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)



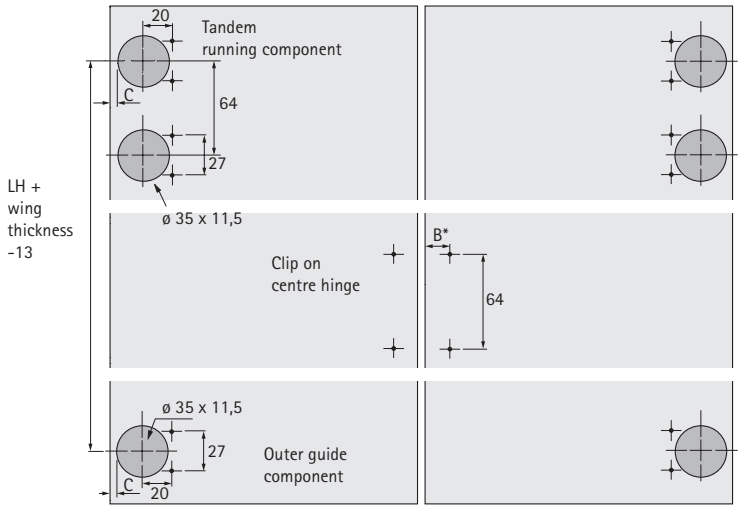
2-wing folding door



Calculation of door width / door wing width

Door width = inside carcase width + (2 x overlay*)
Door wing width = (inside carcase width – 1 x reveal + 2 x overlay*) ÷ 2
* Overlay: max. 15 mm, C dimension 6 mm

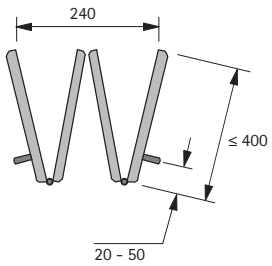
Drilling patterns



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

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

4-wing door set



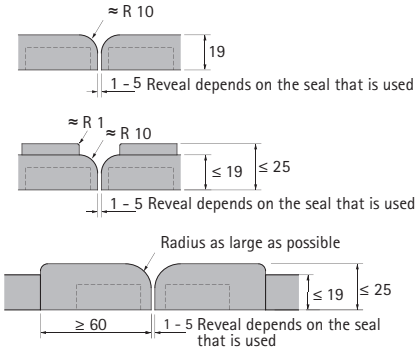
4-wing folding door

Door width 1600 mm max.

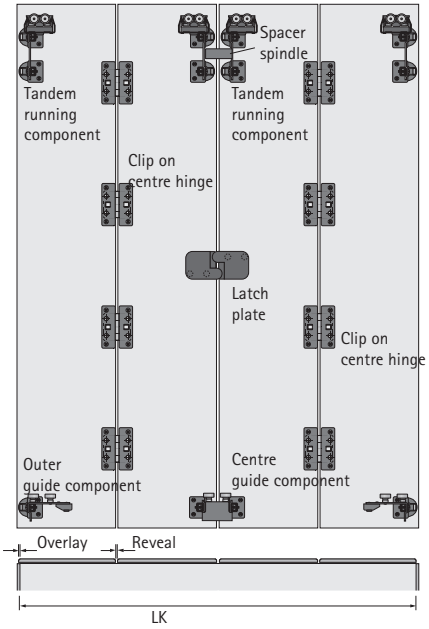
Door weight / wing 20 kg max.

Door wing height 2400 mm max.

Door wing contours and reveals (as finger protection)



Folding door with 4 wings



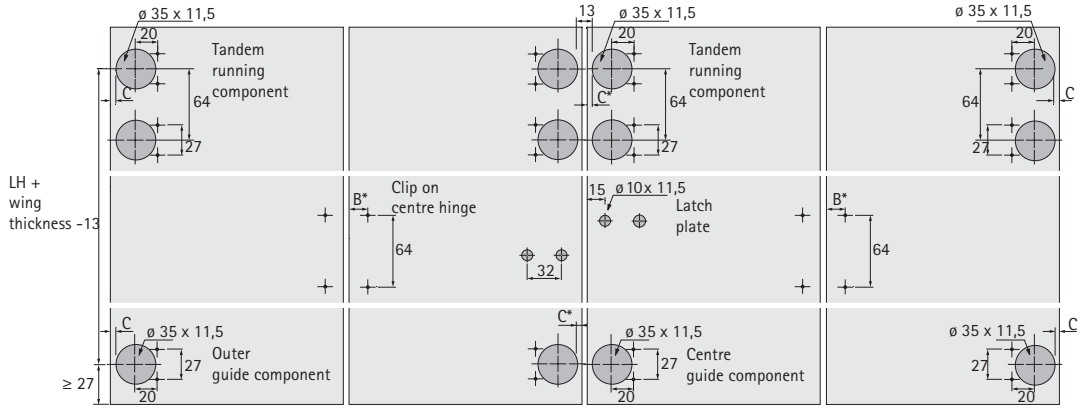
Calculation of door width / door wing width

Door width = inside carcase width + (2 x overlay*)

Door wing width = (inside carcasewidth – 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

Set 1 Wing 77



- Set contains all the parts required for 1 folding sliding door with 2 panels
- The inside carcase 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 carcase) 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 carcase 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
- 3 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 carcase) for positioning at the top and bottom on each door wing

Order no.	PU
0 070 987	1 set

Guide profile



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

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

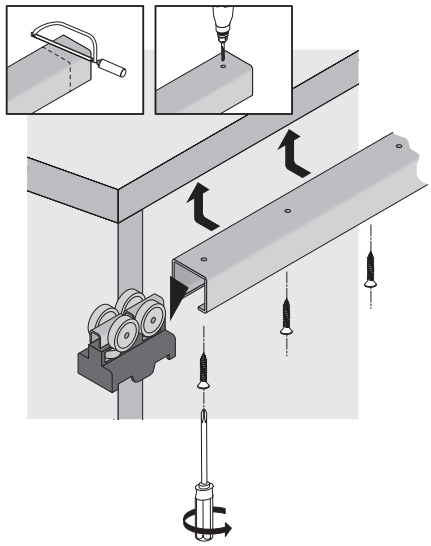
Runner profile



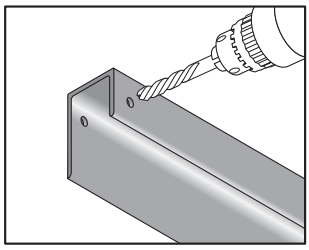
- For screwing on, screw on positions predrilled
- Length 3200 mm

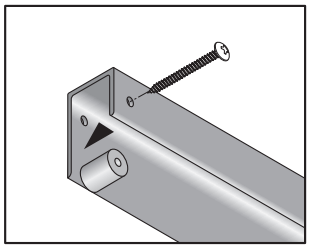
Order no.	PU
9 193 574	1/4 ea.

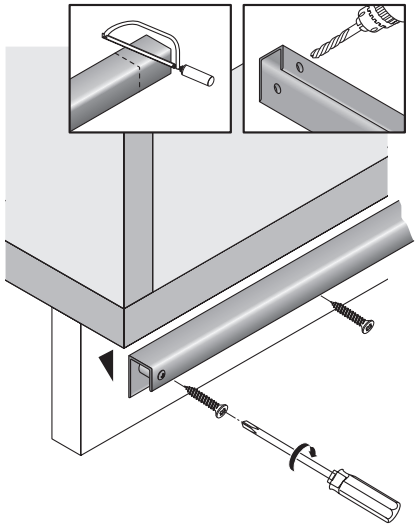
Installation runner profile

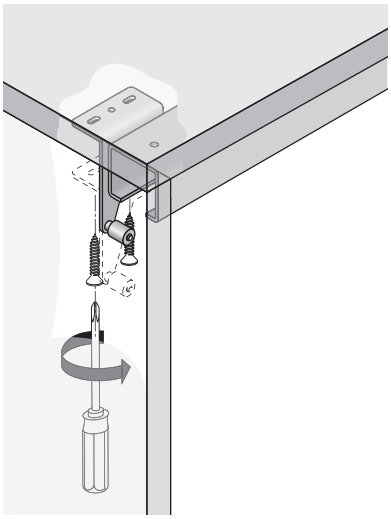


Installation runner profile and end stop

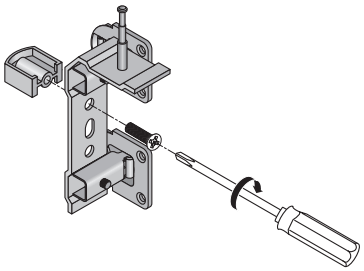


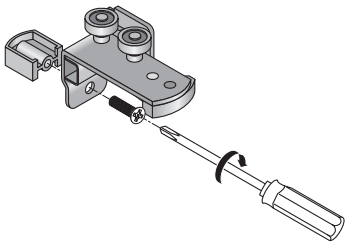


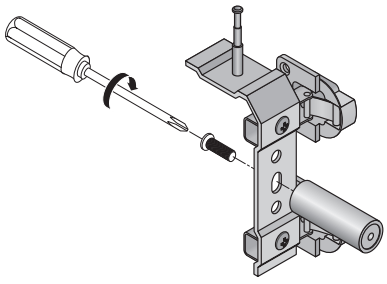




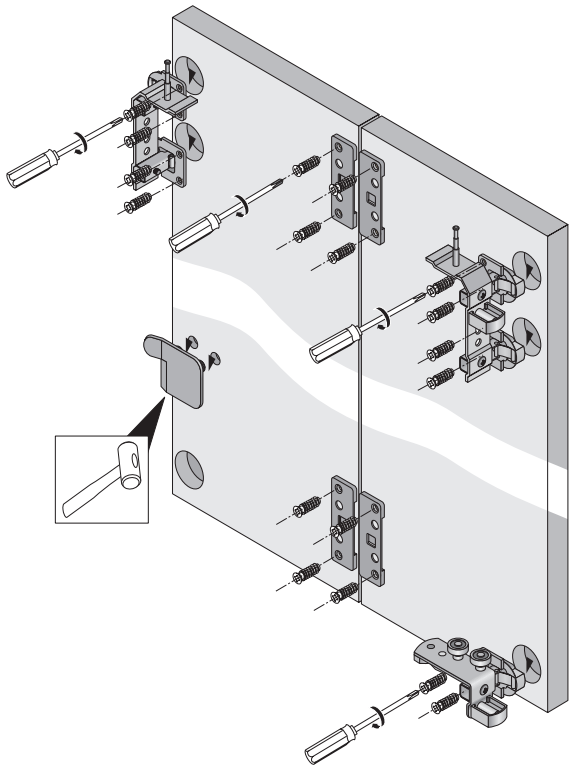
Installation spacers and spacer spindle



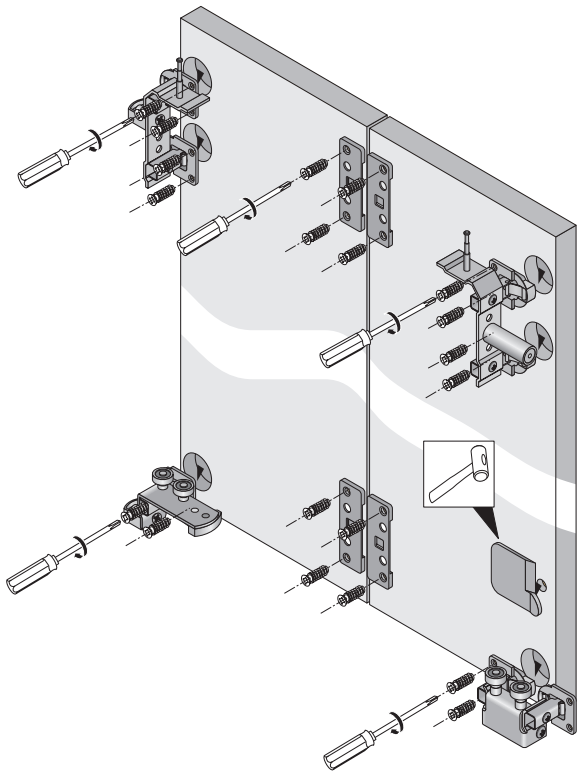




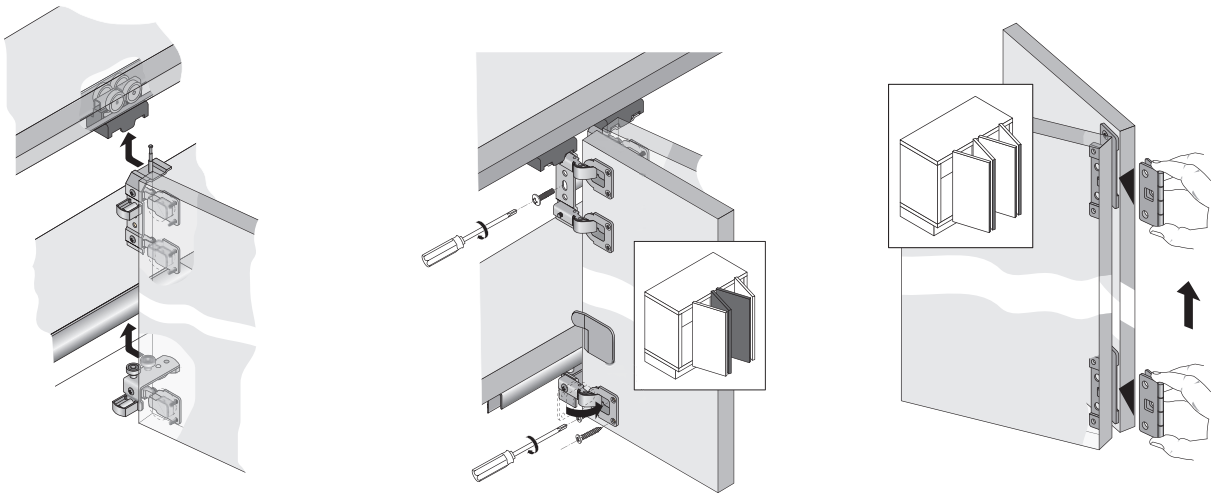
Preparing door set, left



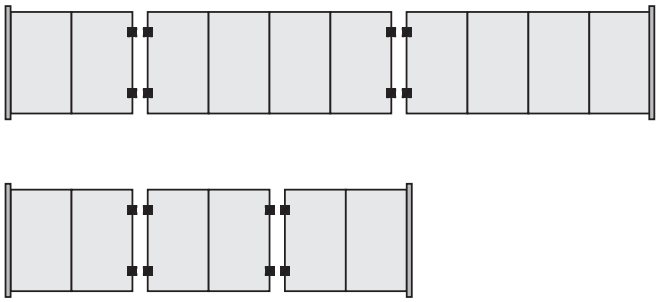
Preparing door set, right



Installation door sets

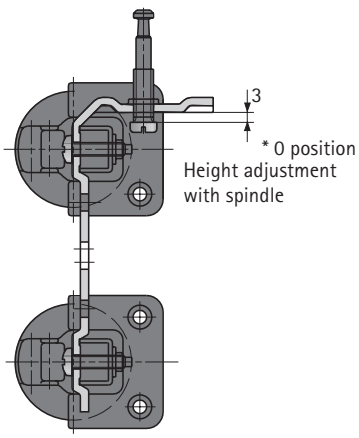


Door combinations



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



Other accessories **172 – 174**

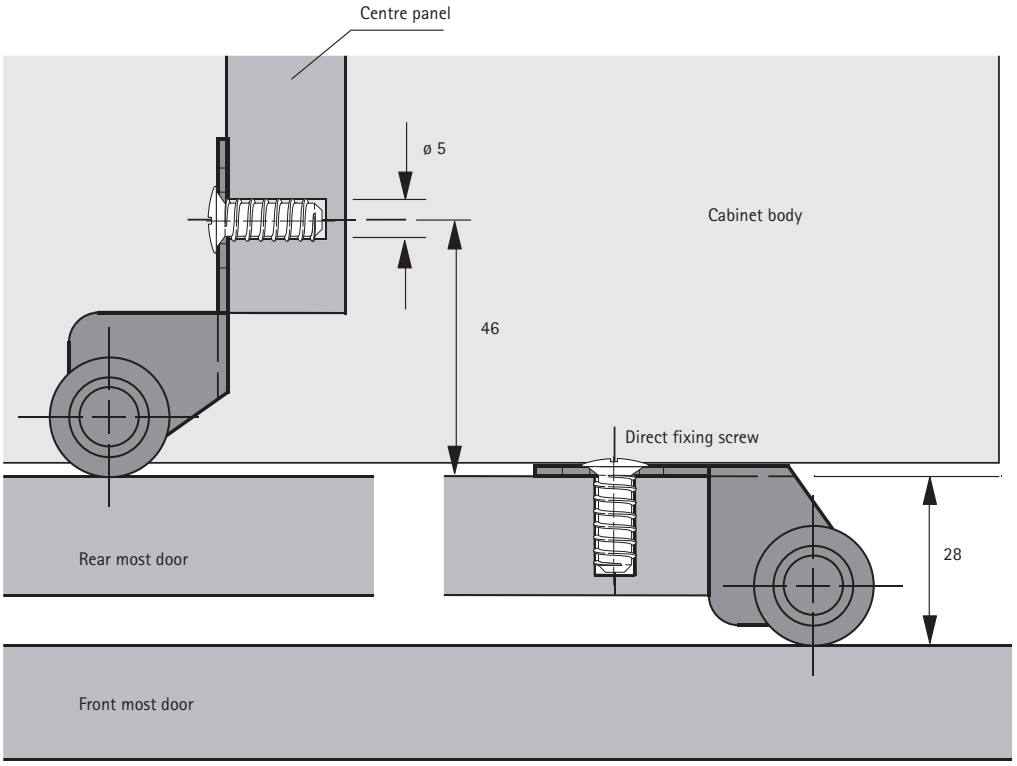
Spacer roller



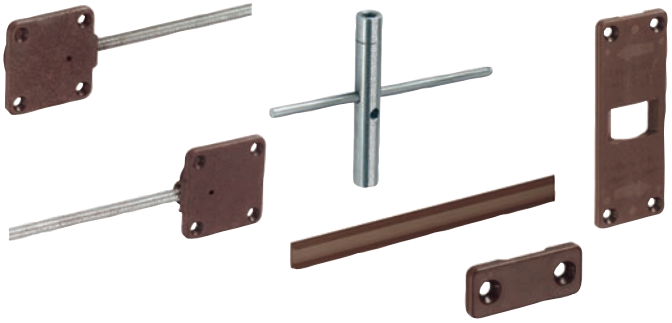
- For tall sliding doors

Order no.	PU
0 027 740	1/10 ea.

Technical information



Adjustment fitting, plastic



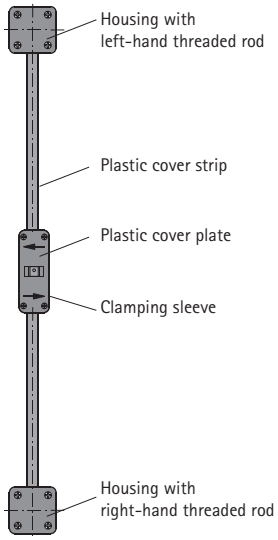
- For straightening distorted furniture doors
- Can also be used as a precautionary measure to prevent doors from warping
- For door / front panel thicknesses from 16 mm
- Maximum door / front panel height 2600 mm
- Installing the fitting is simple and straightforward: a pair of threaded rods, one with 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

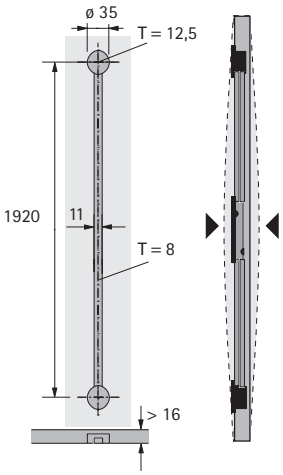
Set comprises:

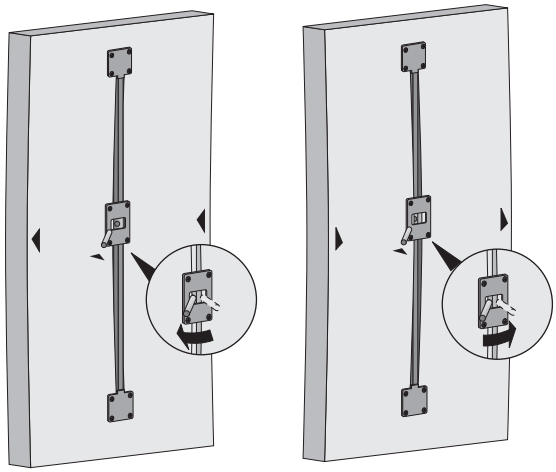
- 1 housing with right hand threaded rod

Order no.	PU
0 045 198	2 set

Technical information









Technical information

- **Calculating door weights** **176 – 177**
- **Design advice for sliding door systems** **178 – 180**
- **Quality criteria** **181**

Weight table for chipboard 19 mm

Door weight in kg (density = 700 kg/m^3)

	Door width mm														
Door height 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^3)

	Door width mm														
Door height 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

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^3

Material	Density kg/m^3
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

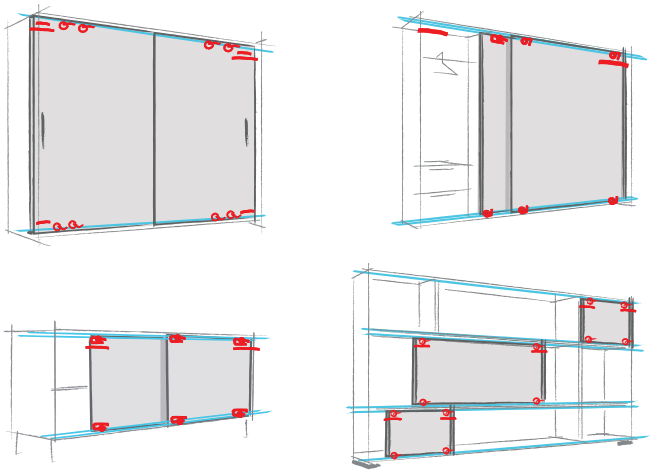
To calculate the weight of doors in alternative door materials, the specific density of the door material must be taken into consideration.

Example

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

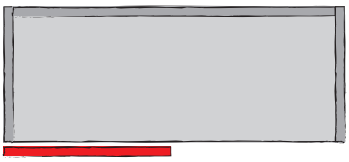
Door weight [kg]	=	Height [m]	x	Width [m]	x	Material thickness [m]	x	Density [kg/m^3]
25,9 kg		2		1,8		0,006		1200

Always the best system

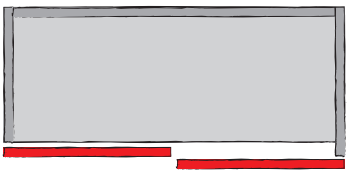


Hettich sliding door systems give you the ideal solution to meet any consumer demand, because Hettich offers you numerous system options. Each design provides its own particular benefits and creative impact on the piece of furniture. Take advantage of Hettich sliding door systems for all cabinets and 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.

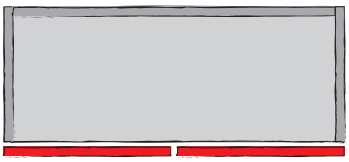
Option 1: 1-track or multi-track sliding doors



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.

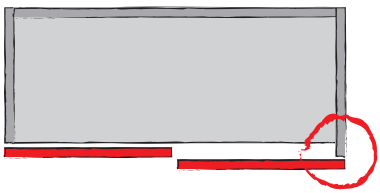


Multi-track sliding doors can close off the entire furniture carcase. At least two doors run in profiles installed one behind the other. Ideal for office cabinets, wardrobes and pantry units: the closed doors conceal the cabinet's entire contents, creating a neat and tidy look in a matter of seconds.



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

Option 2: overlay or inset sliding doors

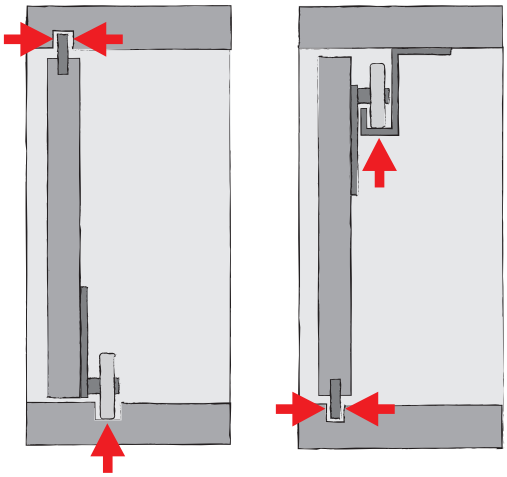


Overlay sliding doors conceal – viewed from the front – the carcase side, the top panel and bottom panel. This makes the front panels the dominant design element of a piece of furniture. Please note: for furniture designed with two doors, the two carcase sides must be produced in different depths.



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

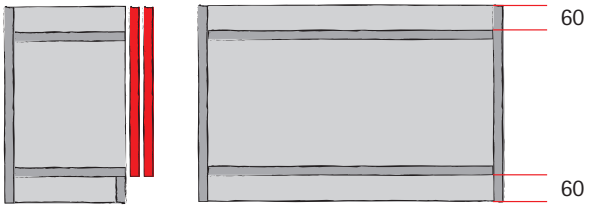
Option 3: bottom running or top running sliding doors



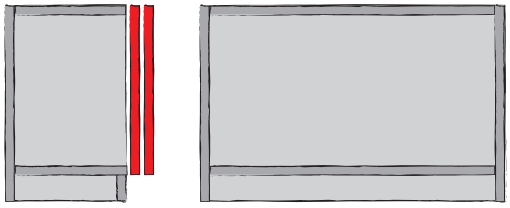
Bottom running sliding doors stand on rollers along their bottom edge and are stabilised by a guide at the top edge of the door. Given the uncomplicated carcase construction, predominantly low door weights and straightforward installation, bottom running doors are seen as the optimum gateway to constructing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

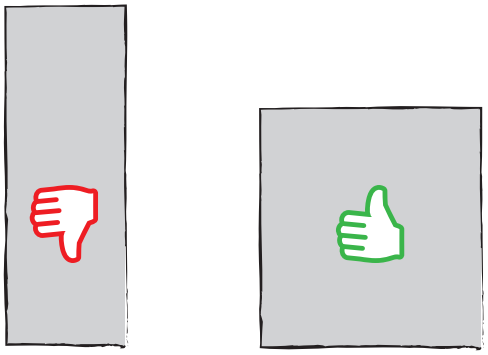


With a simple trick, the fitting technology can be installed largely **out of view on the top panel**: the top panel is lowered by 60 mm. Proviso: the piece of furniture is a tall cabinet with a top panel that is positioned out of sight.



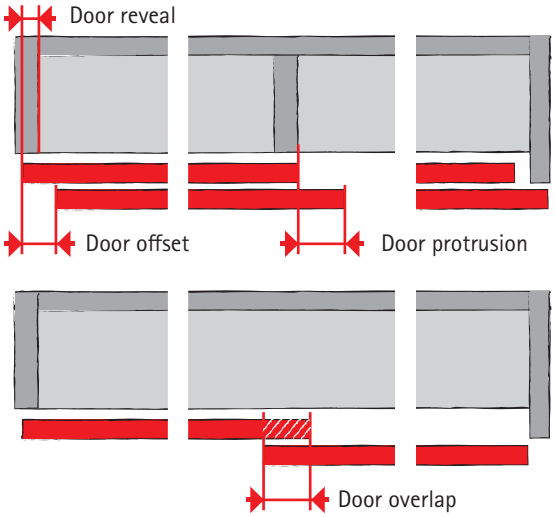
On low cabinets, the top panel is always visible. In this case, carcase and top panel are conventionally mounted at right angles and the fitting technology is either attached **in front of or in the top or bottom panel**. The doors close flush at the top – a neat looking solution. Incidentally: the cabinet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

Definition of important dimensions



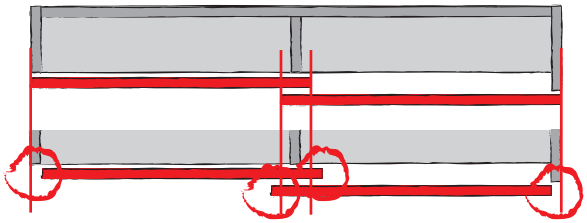
The **door reveal** is the extent to which the door overlaps the carcase side.

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

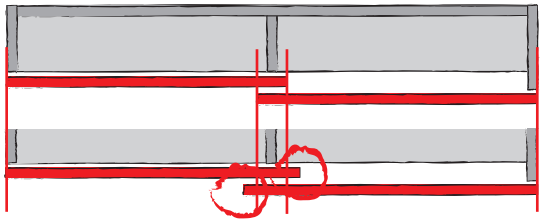
The **door offset** prevents the forward door from knocking against the handle on the rear door.

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

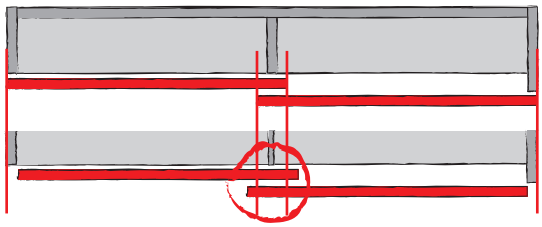


Reducing the door reveal increases the door protrusion on doors of identical width.



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.

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[1]. The sliding door systems are suitable for furniture to EN 14749 when processed correctly as specified in the catalogue.

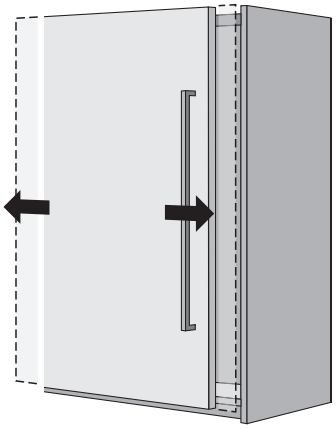
Corrosion test
Hettich sliding door systems satisfy the requirements on corrosion defined in EN 15706, 72-hour condensation-water test to EN 6270.

[1] 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.

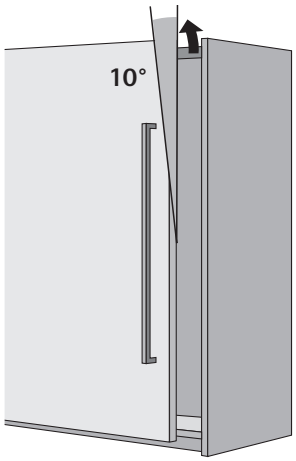
Level 1: 10,000 cycles
Level 2: 20,000 cycles
Level 3: 40,000 cycles



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.

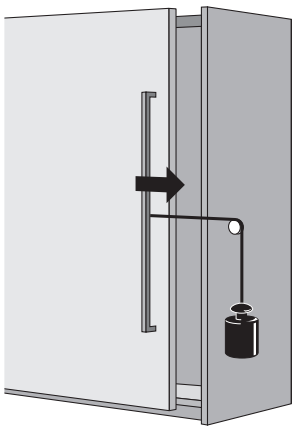
Level 1: 150 N
Level 2: 200 N
Level 3: 250 N



Closing test

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

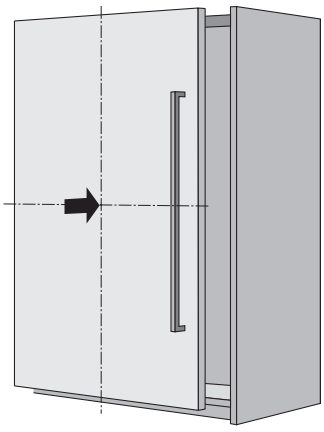
Level 1: 2 kg
Level 2: 3 kg
Level 3: 4 kg



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
0 010 083	156
0 010 084	156
0 020 392	112
0 020 393	112
0 020 400	112
0 020 400	119
0 025 120	76
0 025 121	76
0 027 740	172
0 041 372	101
0 041 373	101
0 041 374	101
0 041 375	101
0 041 376	101
0 041 377	101
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0 041 379	101
0 045 198	173
0 045 315	119
0 045 316	119
0 046 787	142
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0 048 966	89
0 048 968	88
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0 048 970	89
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0 048 974	89
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0 061 546	76
0 066 900	76
0 070 985	165
0 070 986	164
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9 115 216	62
9 115 216	76
9 115 217	74
9 115 218	76
9 115 219	74
9 115 954	74
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9 118 477	75
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9 119 585	75
9 119 586	75
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9 136 105	32
9 136 109	75
9 156 338	46
9 156 338	59
9 156 339	46
9 156 339	59
9 184 566	47
9 184 566	60
9 193 574	165
9 201 921	46
9 201 921	59
9 208 511	31
9 209 166	48
9 209 218	48
9 209 222	48
9 209 224	48
9 209 226	48
9 209 231	48
9 209 268	49
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9 209 273	12
9 209 273	49
9 209 278	49
9 209 280	49
9 209 283	49
9 209 400	49
9 209 403	49
9 209 405	49
9 227 006	62
9 227 245	61
9 227 246	61
9 227 326	143
9 229 240	62
9 229 241	62
9 229 243	62
9 229 920	142
9 236 460	144
9 236 461	144
9 236 605	142
9 236 926	143
9 237 039	144
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9 237 434	142
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9 242 710	11
9 242 711	11
9 242 712	11
9 242 713	11
9 244 904	143
9 244 905	143
9 254 630	11
9 264 170	140
9 277 096	11
9 277 098	11
9 277 151	11
9 277 152	11
9 277 164	11
9 277 167	11
9 282 900	140

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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