



Further Sliding and Folding Systems: Online edition

Technik für Möbel


Hettich

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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Auckland

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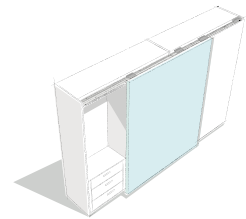
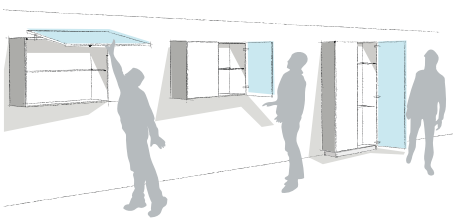
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Slide it. Love it.



Everyone does it: Slide it. Love it. People like to keep it simple. On their tablet PCs. On their smartphones. The revolutionary aesthetic appeal of virtual sliding fascinates millions: gentle, flowing movement, simply at the touch of a finger. But sliding in the real world's right on trend too. Truly practical cars have a sliding door, a sliding roof provides fresh air and a feeling of freedom, and at home we slide

panel curtains and doors as room dividers or on furniture. Are you open to new trends? Because if you are, new doors are about to open for you too. In this case they open to the side. Whether for the bedroom, living room or kitchen furniture – Hettich gives you innovative sliding door systems that go perfectly with your furniture. Are you open to a new love? Welcome to Hettich.









Ergonomics: Always in reach. Never in the way. In terms of ergonomics and convenience, sliding doors are a cut above any other door system. That's clear to see in everyday use: open sliding doors don't get in the way where space is at a premium. Open doors on wall units are not likely to leave you injured. Sliding doors are also easy to open without stretching or dodging out of the way.

Design: Unadulterated form. Distinctive surfaces. Sliding doors provide the key to picking up on modern, spacious interior design and cleverly carry it through in furniture. Because large surface doors, particularly with flush fitted sliding door systems, are the ideal creative element for purist interior design. Hettich sliding door systems impress with narrow reveals that hardly detract from the homogeneous look of furniture front panels. Only a few reveals are visible on large format front panels anyway. Elegant fascias reduce the number of reveals to a minimum. Easy precision adjustment provides superb finished results with perfect reveal alignment.

Functionality: First easy. Then quiet. Sliding doors are particularly good at meeting the demands that users place on cabinet doors today: they are easy to open and close. The ergonomic benefit provided by the linear door action of sliding doors is optimised further still by low opening forces. The convenient Silent System closes the sliding door quietly and gently. Altogether, Hettich sliding door systems leave no margin for doubt with reliable quality, superb smooth running action and a long service life.

Sliding and folding door systems

► Summary of ranges

<p>Sliding door systems / top running / flush fitted Range summary / technical comparison</p>	<p>7 – 15</p>	
<p>Sliding door systems / top running Range summary / technical comparison</p>	<p>16 – 65</p>	
<p>Sliding door systems / bottom running Range summary / technical comparison</p>	<p>66 – 77</p>	
<p>Folding door systems Range summary / technical comparison</p>	<p>78 – 97</p>	
<p>Accessories</p>	<p>98 – 99</p>	
<p>Technical information</p> <ul style="list-style-type: none">► Calculating door weights► Design advice sliding door systems► Quality criteria	<p>100 – 101 102 – 104 105</p>	

Sliding door system / top running

- ▶ InLine XL / flush fitted door position
- ▶ All the benefits at a glance



Premium design. Premium convenience. The flush fitted InLine XL sliding door system fascinates with its purist and classy look. It's the first sliding door system to do away with handles completely. This lets you design cabinets of stunningly clear cut design. The handleless flush fitted doors can be opened from the leading edge and moved with exceptional ease. And if handles are use, they can be fitted at any chosen position on the front panel. InLine XL makes maximum use of a cabinet's storage space: when opened, the doors can be positioned one in front of the other leaving them completely flush – to provide full access across the entire compartment width. And the design is overwhelming too: no offset to spoil the look, hardly any visible reveals, fascinating flush fit. Sliding doesn't get better than this.



Classy and ergonomic: easily opening handleless, flush fitted door at the leading edge.



Doors open without any protrusion for unobstructed access and maximum use of storage space.



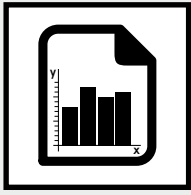
Moves a lot – with little effort: High level of premounted parts for easy and cost efficient installation.



Very easy to install: in next to no time – also on floor to ceiling cabinets.

Sliding door system / top running

- ▶ InLine XL / flush fitted door position
- ▶ Summary



Performance summary

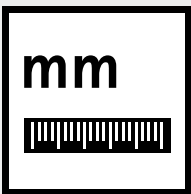
8 – 9

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



System components

10



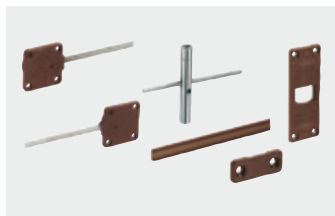
Planning dimensions

11 – 12



Installation

13 – 14



Accessories

98 – 99



Technical information

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

100 – 101

102 – 104

105

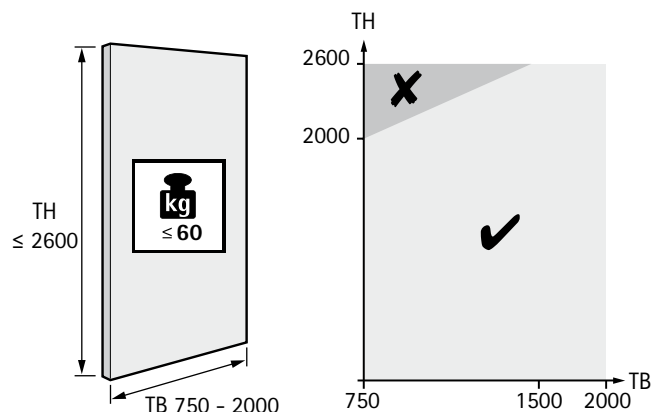
Sliding door system / top running

- ▶ InLine XL / flush fitted door position
- ▶ Performance summary

Technical details in brief

- ▶ Top-running sliding door system
- ▶ Flush fitted doors
- ▶ For wooden or aluminium framed doors
- ▶ Door weights up to 60 kg
- ▶ Door height up to 2600 mm
- ▶ Door width 750 - 2000 mm
- ▶ Door thicknesses 16 - 25 mm
- ▶ Height adjustment, adjustable door overlay and tilt adjustment
- ▶ Silent System (adjustable) in opening and closing direction
- ▶ Tested to DIN EN 15706

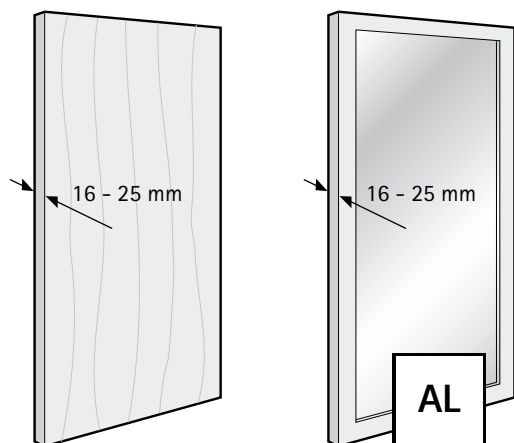
Door format and door weight



TB	750	950	1150	1500	...	2000
TH ≤	2000	2200	2400	2600	...	2600



Door material



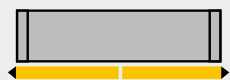
Number of door wings and door position



Silent System

2-door

Soft closing



Soft opening



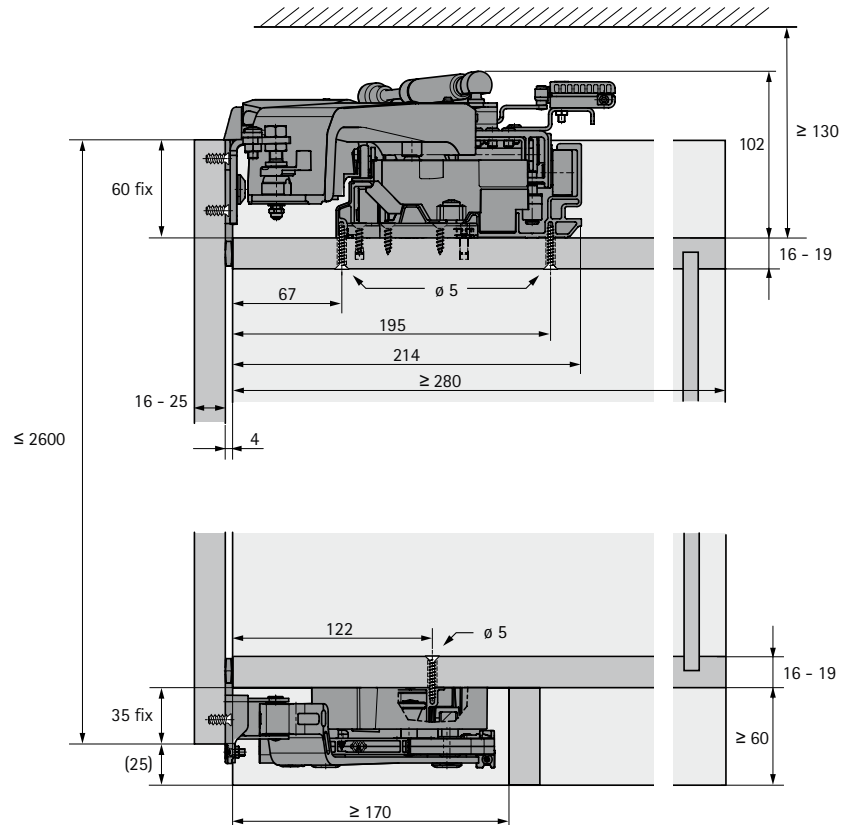
Sliding door system / top running

- ▶ InLine XL / flush fitted door position
- ▶ Performance summary

Operating principle

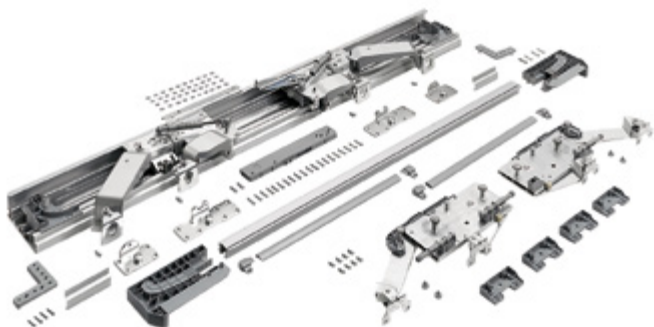


Operating principle



- ▶ InLine XL / flush fitted door position
- ▶ System components

InLine XL set of fittings with Silent System for soft closen and opening



- ▶ Sets include Silent System in opening and closing direction
- ▶ The sets are preassembled
- ▶ 1 set is required for a two-door application

Set comprises:

- ▶ 1 runner profile with 2 premounted runner carriages
- ▶ 1 guide profile
- ▶ 2 guide carriages, 1x left and 1x right
- ▶ 2 activators for the guide profile, 1x left and 1x right
- ▶ 1 Silent System unit
- ▶ 4 front brackets, top, 2x right and 2x left
- ▶ 4 front brackets, bottom
- ▶ 2 concealer profiles, aluminium
- ▶ 2 cover profiles, plastic
- ▶ Fixing material

Door width (TB) mm	Max. door height mm	Order no.	PU
750 - 819	< 2000	9 148 180	1 set
820 - 909	< 2000	9 148 201	1 set
910 - 1044	< 2200	9 148 202	1 set
1045 - 1199	< 2200	9 148 203	1 set
1200 - 1299	< 2400	9 148 204	1 set
1300 - 1499	< 2400	9 148 205	1 set
1500 - 1599	< 2600	9 148 206	1 set
1600 - 1799	< 2600	9 116 581	1 set
1800 - 1899	< 2600	9 155 574	1 set
1900 - 2000	< 2600	9 155 575	1 set

Upgrade set - mounting aid



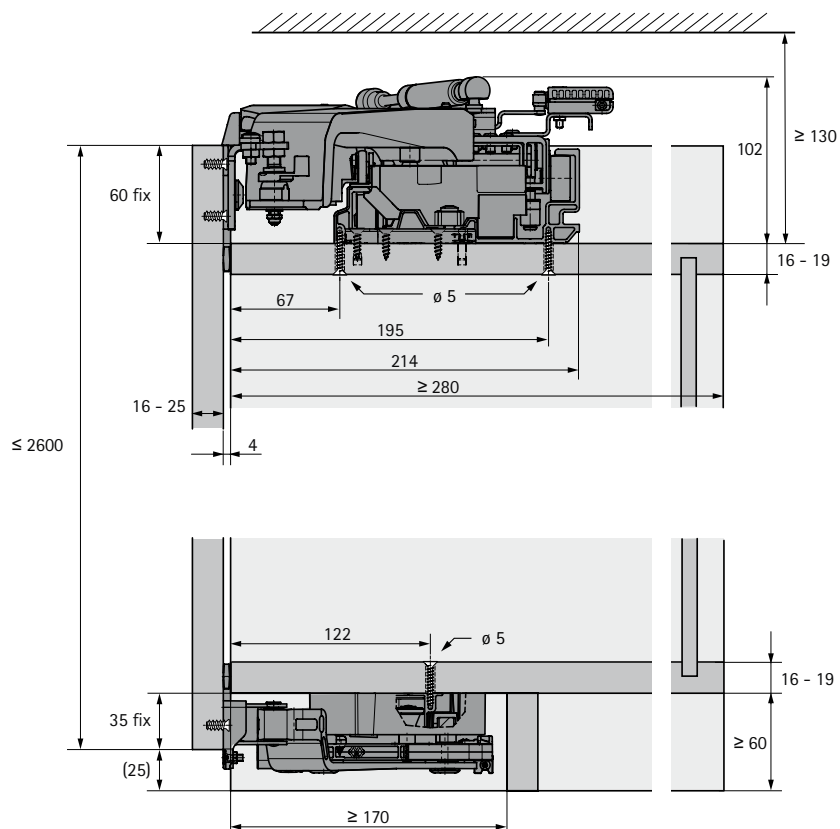
- ▶ Optional mounting aid upgrade set
- ▶ For concealed profile attachment on floor to ceiling cabinets

Door width (TB) mm	Order no.	PU
750 - 2000	9 148 562	1 set

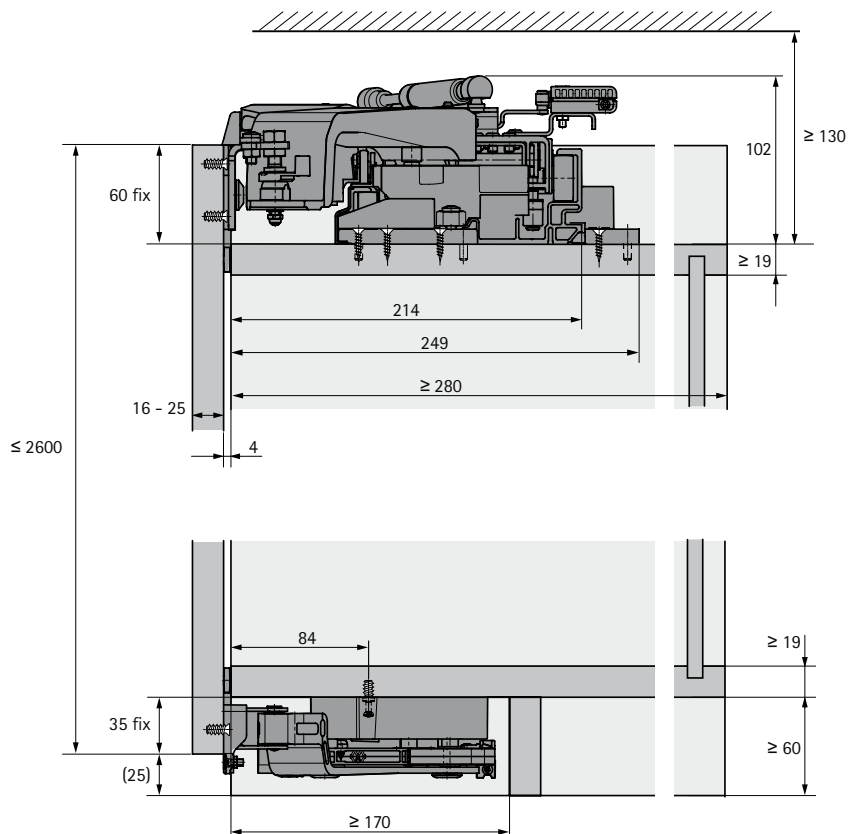
Sliding door system / top running

- ▶ InLine XL / flush fitted door position
- ▶ Planning dimensions

Installation dimensions - cross section



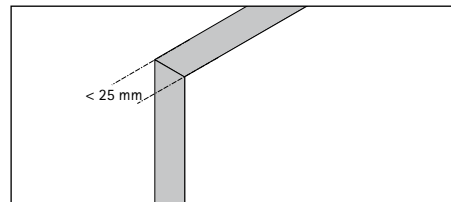
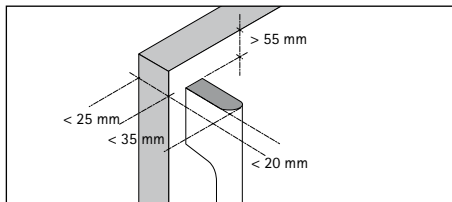
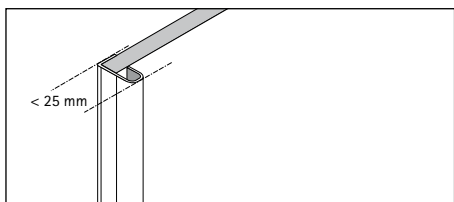
Installation dimensions - cross section with mounting aid upgrade set



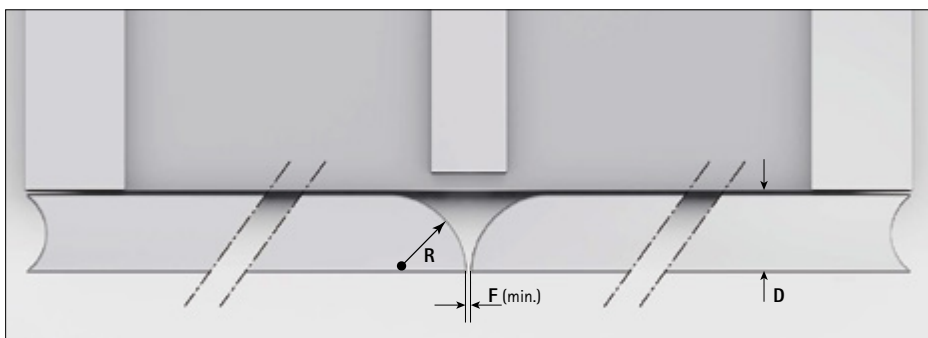
Sliding door system / top running

- ▶ InLine XL / flush fitted door position
- ▶ Planning dimensions

Handle positions and dimensions



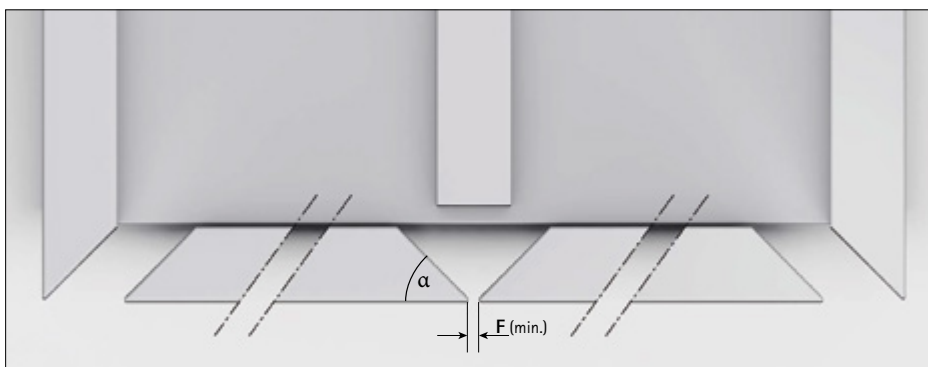
Front panel and reveal design



A flute in the leading edge can enhance ergonomics, particularly in solid wood panels, without interfering with their look. The edge roundings at the centre of the cabinet reduce the centre reveal. Little effort, great effect.

$$F(\text{min.}) = 5 \text{ mm}$$

$$R \geq 0,8 \times D$$



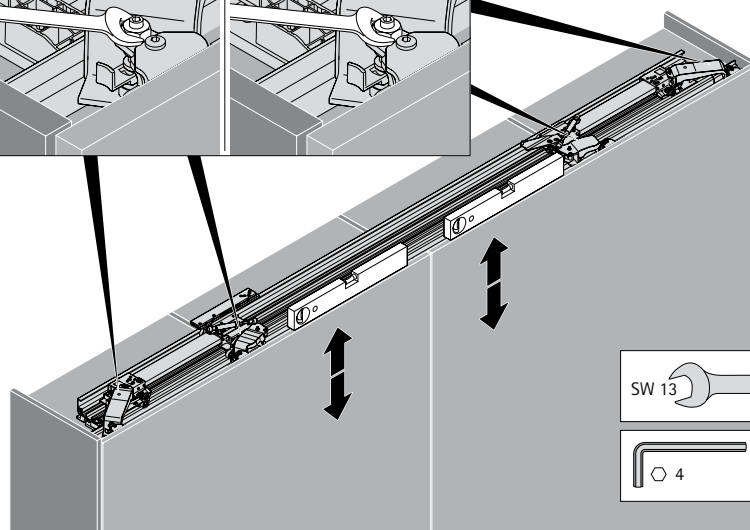
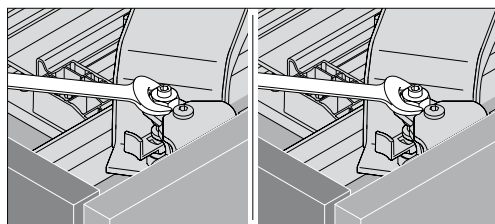
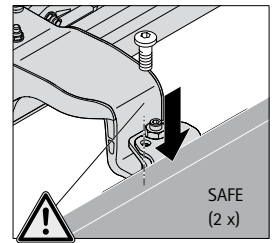
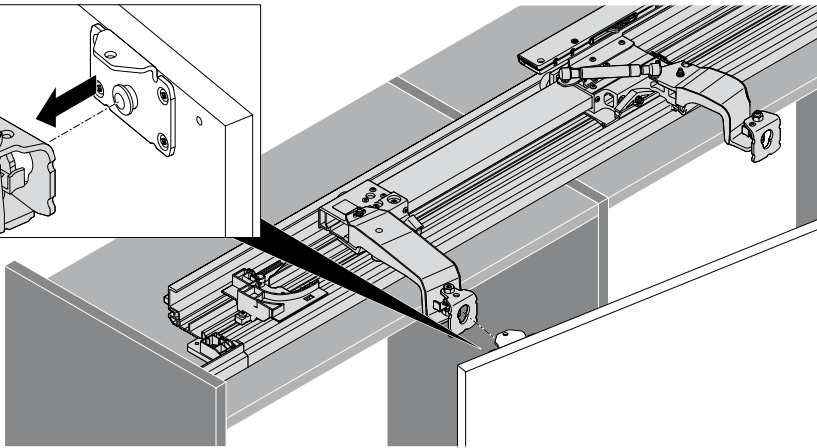
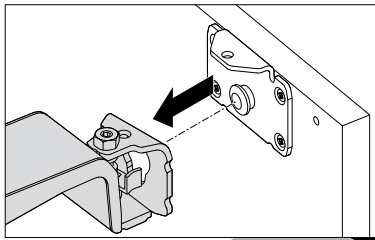
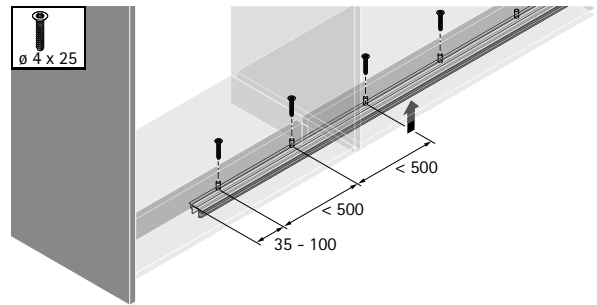
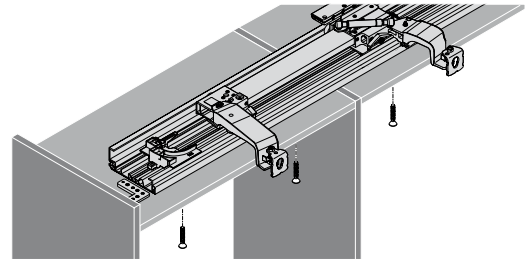
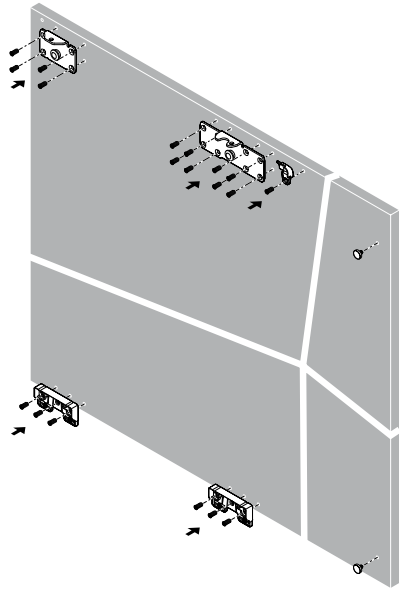
Inset, handleless design can be created simply by giving the front panel a mitred edge. This produces a comfortable finger gap on the leading edge and a narrow centre reveal.

α	45°	60°
F (min.)	3 mm	4 mm

Sliding door system / top running

- ▶ InLine XL / flush fitted door position
- ▶ Installation

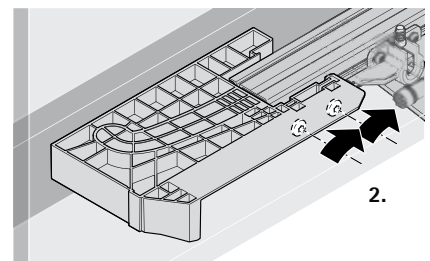
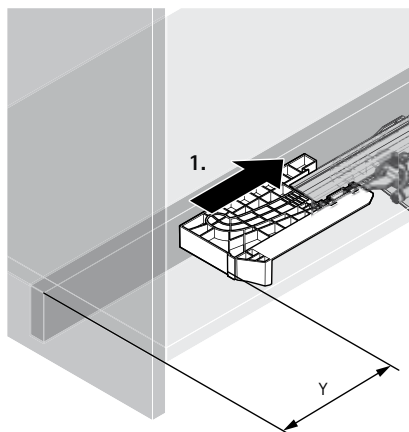
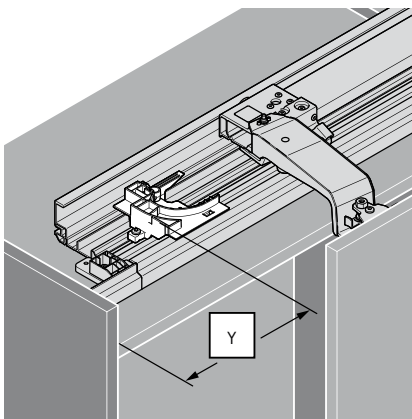
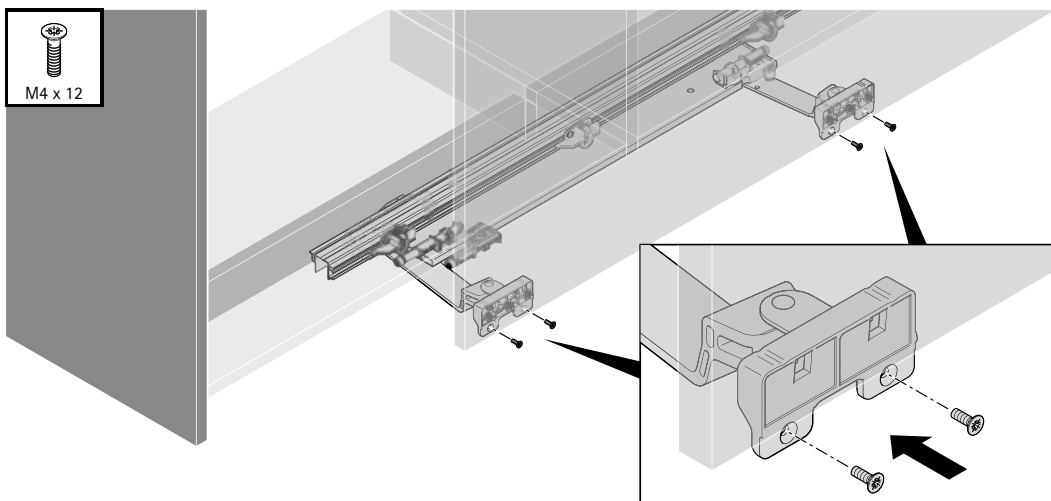
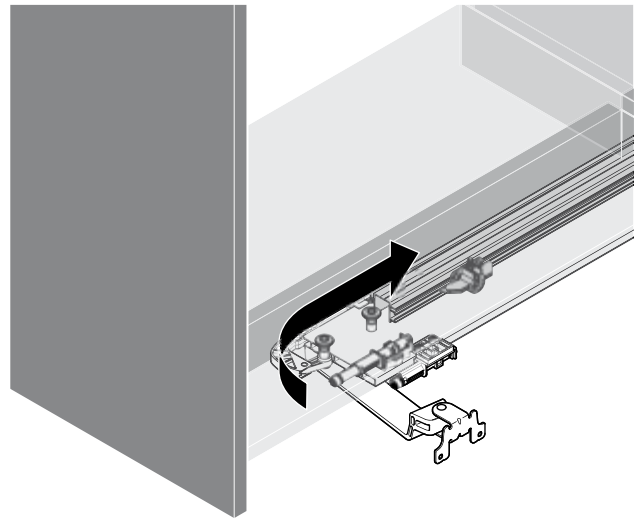
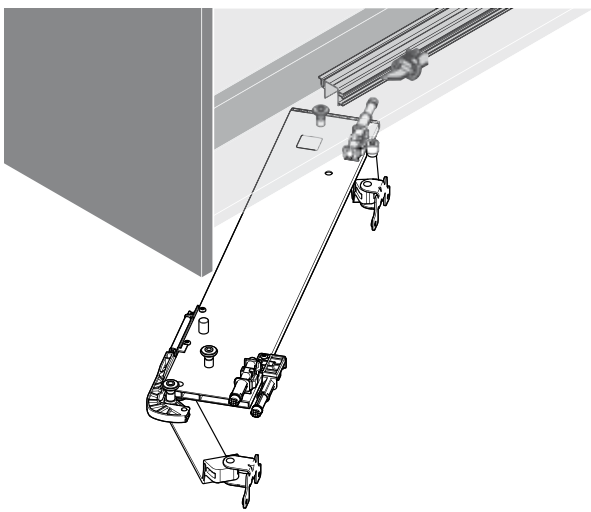
Installation in brief



Sliding door system / top running

- ▶ InLine XL / flush fitted door position
- ▶ Installation

Installation in brief



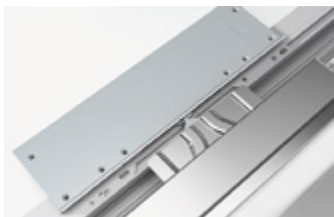
Sliding door system / top running

- ▶ TopLine XL / overlay door position
- ▶ All the benefits at a glance



Invisibly smart. Whisper quiet. With TopLine XL, you can create sliding doors in a new dimension of luxurious convenience. Because the concealed premium quality sliding door system brings fascinatingly smooth, quiet running action to large surface doors weighing up to 80 kg. Invisibly mounted, the soft opening, soft closing and soft colliding

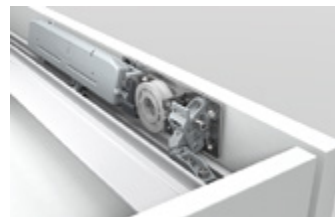
element provides perfect convenience with a feel of luxury. The TopLine XL System gives you maximum flexibility in designing cabinets because it can be adjusted in many different ways. Fast installation of doors, Silent System and profiles save a lot of time and money.



Opens smoothly, closes gently: Silent System for first class practical convenience from any door.



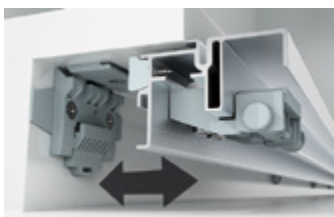
Excellent running performance: fascinatingly smooth action and virtually silent.



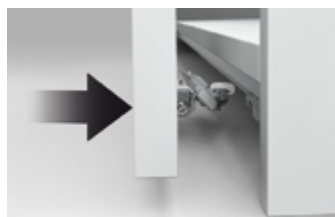
Functionality meets design: fully concealed system without any loss of storage space.



Quickly and without the need for screws: simply thread in the Silent System and lock in place.



Tool-less clip on installation: runner and guide profile quickly and easily installed.



Fast door installation: Hook doors into the runner profile, clip in guides – job done!



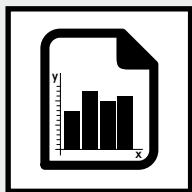
More design flexibility: Position handles wherever chosen, easily open internal drawers.



Perfect reveal alignment: Easy height adjustment even with doors in place.

Sliding door system / top running

- ▶ TopLine XL / overlay door position
- ▶ Summary



Performance summary

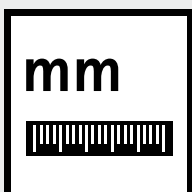
18 – 19

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



System components

20 – 28



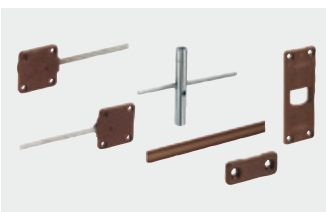
Planning dimensions

29 – 34



Installation

35 – 36



Accessories

98 – 99



Technical information

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

100 – 101

102 – 104

105



For further information, go to www.hettich.com/short/bba15a

- ▶ Detailed installation instructions
- ▶ CAD data
- ▶ Assembly video

Sliding door system / top running

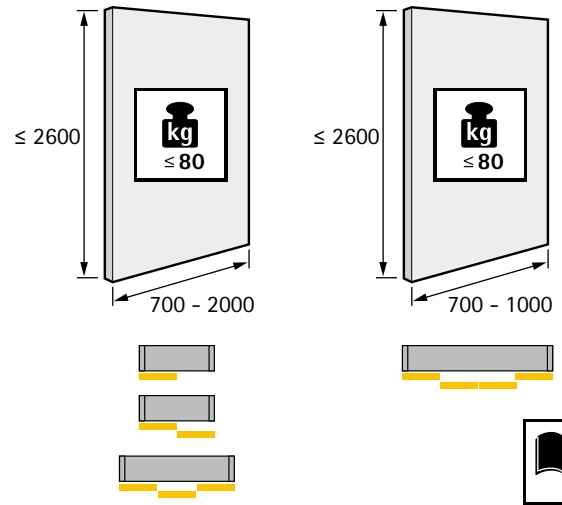


- ▶ TopLine XL / overlay door position
- ▶ Performance summary

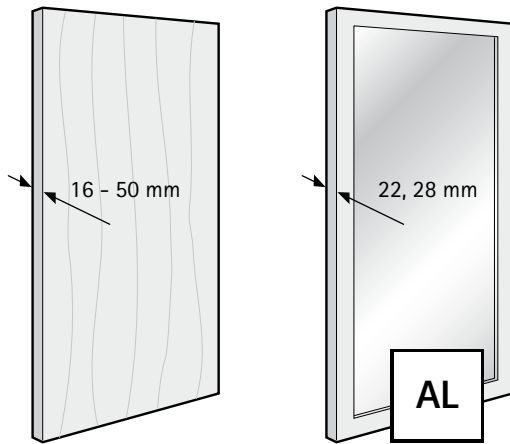
Technical details in brief

- ▶ 2-track, top running sliding door system
- ▶ Overlay door position
- ▶ For wooden doors or wood / aluminium framed doors
- ▶ Door weight up to 80 kg
- ▶ Door height up to 2600 mm
- ▶ Door width 700 - 2000 mm
- ▶ Door thicknesses 22, 28, 40, 50 mm
- ▶ Height adjustment ± 2 mm
- ▶ Door height, door offset and door overlay adjustable
- ▶ Easy to open with minimal opening resistance
- ▶ Silent System in closing, opening and colliding direction
- ▶ Fast installation of runner systems and Silent System
- ▶ Tested to DIN EN 15706, Level 3

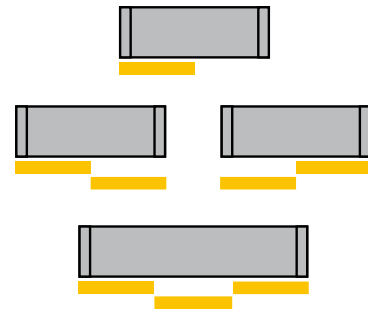
Door format and door weight



Door material



Number of door wings and door position



Silent System

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

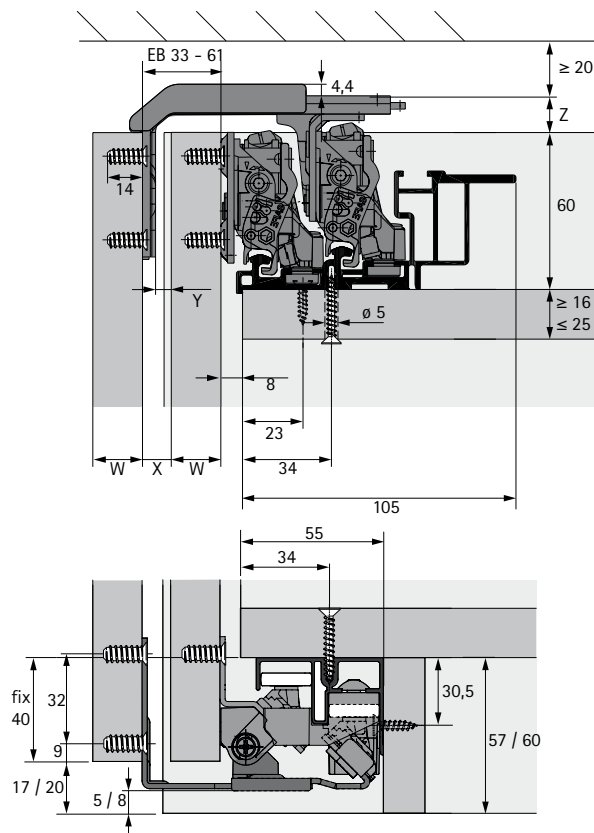
Sliding door system / top running



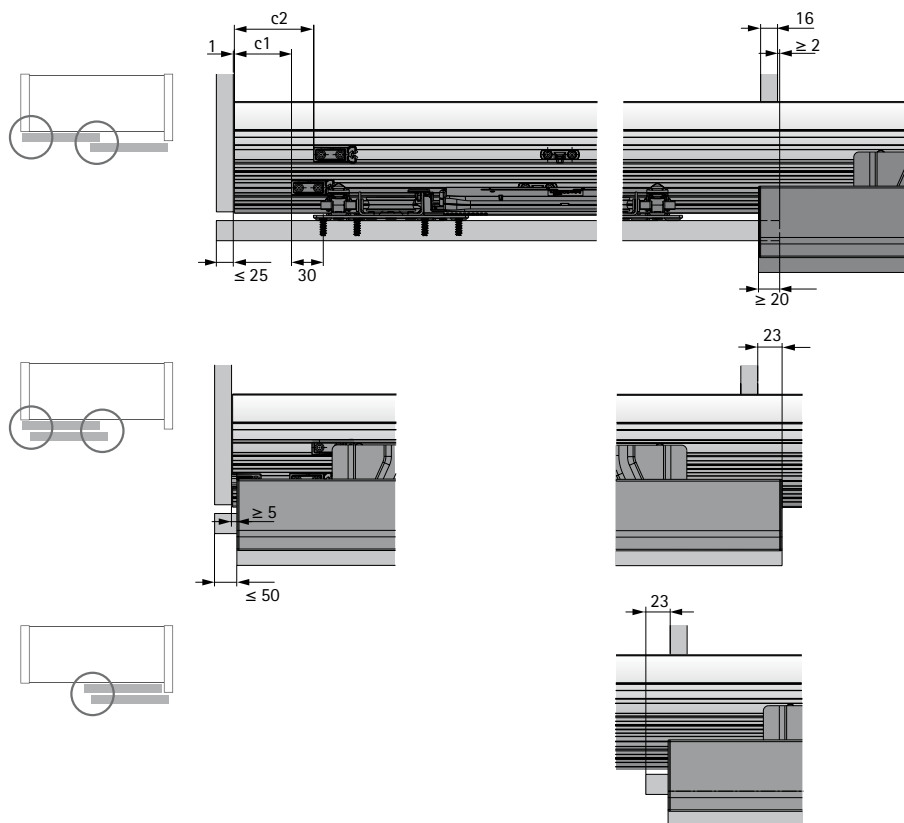
- ▶ TopLine XL / overlay door position
- ▶ Performance summary

Operating principle / installation dimensions

W	EB	X	Y	Z
22	33	11	6	14
28	39	11	6	14
40	51	11	5	15
50	61	11	5	15

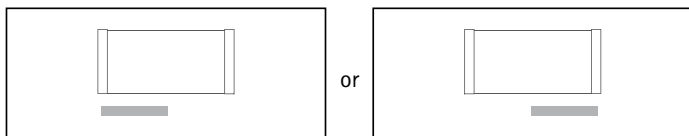


Operating principle / viewed from above



- ▶ TopLine XL / overlay door position
- ▶ System components / 1-door

Set for front most door



or

- ▶ Running components with integrated height adjustment
- ▶ Fast installation guide components
- ▶ Door offset infinitely adjustable between 0 and 50 mm
- ▶ Set contains runner and guide components for a front most door
- ▶ Can only be used in combination with Silent System set 1 / 2 / 3door
- ▶ Can be used in either LH or RH position



Set comprises:

- ▶ 2 running components for one front most door
- ▶ 2 guide components for one front most door

Advice:

- ▶ Please order Silent System and profiles separately

Max. door thickness mm	Door centre distance (EB) mm	Order no.	PU
22	33	9 183 613	1 set
28	39	9 183 615	1 set
40	51	9 183 616	1 set
50	61	9 183 617	1 set

Set for rear most door



- ▶ Running components with integrated height adjustment
- ▶ Fast installation guide components
- ▶ Door offset infinitely adjustable between 0 and 50 mm
- ▶ Set contains runner and guide components for one rear most door
- ▶ Can only be used in combination with Silent System set for 1 / 2 / 3door applications

Set comprises:

- ▶ 2 running components for one rear most door
- ▶ 2 guide components for one rear most door

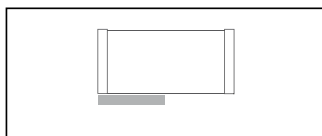
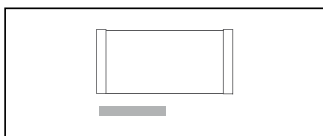
Advice:

- ▶ Please order Silent System and profiles separately

Door position	Order no.	PU
 left	9 181 744	1 set
 right	9 183 533	1 set

- ▶ TopLine XL / overlay door position
- ▶ System components / 1-door

Silent System set, 1-door



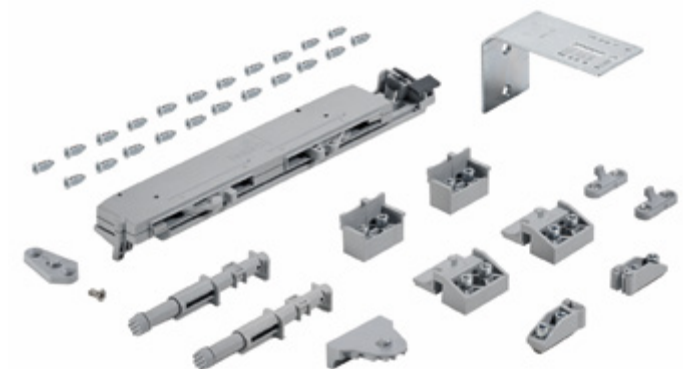
- ▶ Quietly and gently closing and opening sliding doors
- ▶ Low opening force for easy door movement
- ▶ Easy installation: all in one soft opening and closing - for tool-less fast installation
- ▶ Set contains all the components required for a 1 door application (front or rear door, LH or RH)

Set comprises:

- ▶ 1 soft closing and opening element
- ▶ 2 activators
- ▶ 1 Silent System connector for a front most door
- ▶ 1 Silent System connector for a rear most door
- ▶ 2 soft guiding elements
- ▶ 2 end stops for the runner profile
- ▶ 2 end stops for the guide profile
- ▶ Fixing material

Advice:

- ▶ Please order fitting sets and profiles separately



Order no.	PU
9 181 696	1 set

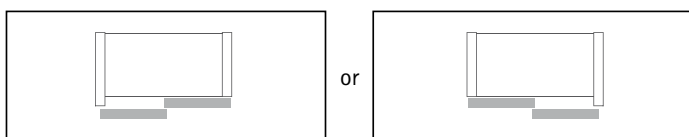
- ▶ TopLine XL / overlay door position
- ▶ System components / 2-door

Ordering Advice

To build a two door sliding cabinet you will need to select the following components:

- ▶ A fittings set "per door"
 - 1x Front most door set (same set used for LH or RH position) – Required
 - 1x Rear most door set (choose either a LH or RH set) – Required
- ▶ Profile set (see page 26) – Required
- ▶ Clip on installation set (see page 27) – Required
- ▶ Two door Silent System set – Required

Set for front most door



- ▶ Running components with integrated height adjustment
- ▶ Fast installation guide components
- ▶ Door offset infinitely adjustable between 0 and 50 mm
- ▶ Set contains runner and guide components for a front most door
- ▶ Can only be used in combination with Silent System set 1 / 2 / 3door



- Set comprises:
- ▶ 2 running components for one front most door
 - ▶ 2 guide components for one front most door

- Advice:
- ▶ Please order Silent System and profiles separately
 - ▶ Please order one front most door set

Max. door thickness mm	Door centre distance (EB) mm	Order no.	PU
22	33	9 183 613	1 set
28	39	9 183 615	1 set
40	51	9 183 616	1 set
50	61	9 183 617	1 set

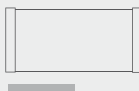
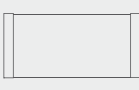
Set for rear most door



- ▶ Running components with integrated height adjustment
- ▶ Fast installation guide components
- ▶ Door offset infinitely adjustable between 0 and 50 mm
- ▶ Set contains runner and guide components for one rear most door
- ▶ Can only be used in combination with Silent System set for 1 / 2 / 3door applications

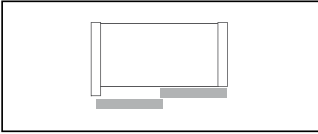
- Set comprises:
- ▶ 2 running components for one rear most door
 - ▶ 2 guide components for one rear most door

- Advice:
- ▶ Please order Silent System and profiles separately
 - ▶ Please order a rear most door set

Door position	Order no.	PU
 left	9 181 744	1 set
 right	9 183 533	1 set

- ▶ TopLine XL / overlay door position
- ▶ System components / 2-door

Silent System set, 2 door



- ▶ Quietly and gently closing and opening sliding doors
- ▶ Low opening force for easy door movement
- ▶ Easy installation: all in one soft opening and closing - for tool-less fast installation
- ▶ Set contains all the components required for a 2-door application

Set comprises:

- ▶ 2 soft closing and opening elements
- ▶ 4 activators
- ▶ 1 Silent System connector for the front most door
- ▶ 1 Silent System connector for the rear most door
- ▶ 1 soft colliding element
- ▶ 2 soft guiding elements
- ▶ 4 end stops for the runner profile
- ▶ 2 end stops for the guide profile
- ▶ Fixing material

Advice:

- ▶ Please order fitting sets and profiles separately

Version	Order no.	PU
Standard	9 169 548	1 set

- ▶ TopLine XL / overlay door position
- ▶ System components / 3-door

Ordering Advice

To build a three door sliding cabinet you will need to select the following components:

- ▶ A fittings set "per door"
 - 1x front most door (centre position) – Required
 - 1x Rear most door, LH – Required
 - 1x Rear most door, RH – Required
- ▶ Profile set (see page 26) – Required
- ▶ Clip on installation set (see page 27) – Required
- ▶ Three door Silent System set – Required

Set for front most door



- ▶ Running components with integrated height adjustment
- ▶ Fast installation guide components
- ▶ Door offset infinitely adjustable between 0 and 50 mm
- ▶ Set contains runner and guide components for a front most door
- ▶ Can only be used in combination with Silent System set 1 / 2 / 3door

Set comprises:

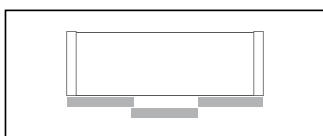
- ▶ 2 running components for one front most door
- ▶ 2 guide components for one front most door

Advice

- ▶ Please order Silent System and profiles separately
- ▶ Order 1 front most door set for the centre door

Max. door thickness mm	Door centre distance (EB) mm	Order no.	PU
22	33	9 183 613	1 set
28	39	9 183 615	1 set
40	51	9 183 616	1 set
50	61	9 183 617	1 set

Set for rear most door



- ▶ Running components with integrated height adjustment
- ▶ Fast installation guide components
- ▶ Door offset infinitely adjustable between 0 and 50 mm
- ▶ Set contains runner and guide components for one rear most door
- ▶ Can only be used in combination with Silent System set for 1 / 2 / 3door applications

Set comprises:

- ▶ 2 running components for one rear most door
- ▶ 2 guide components for one rear most door

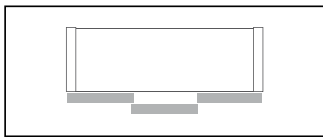
Advice

- ▶ Order both left and right rear most door set per 3-door cabinet

Door position	Order no.	PU
 left	9 181 744	1 set
 right	9 183 533	1 set

- ▶ TopLine XL / overlay door position
- ▶ System components / 3 door

Silent System set, 3 door, for reinforced runner profile



- ▶ Quietly and gently closing and opening sliding doors
- ▶ Low opening force for easy door movement
- ▶ Easy installation: all in one soft opening and closing - for tool-less fast installation
- ▶ Set contains all the components required for a 3-door application

Set comprises:

- ▶ 3 soft closing and opening elements
- ▶ 1 soft closing element for the centre door
- ▶ 7 activators
- ▶ 1 Silent System connector for the front most door
- ▶ 2 Silent System connectors for the rear most doors
- ▶ 2 soft colliding elements
- ▶ 2 soft guiding elements
- ▶ 4 end stops for the runner profile
- ▶ 2 end stops for the guide profile
- ▶ Fixing material

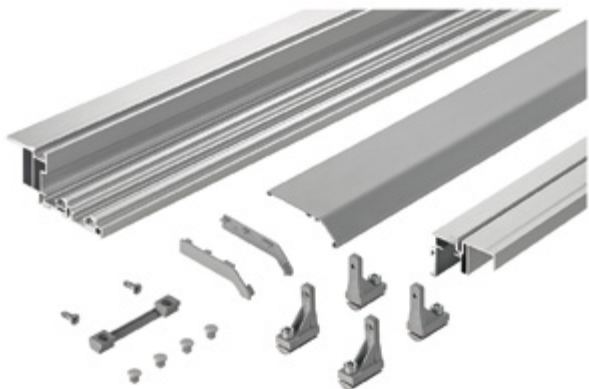
Advice:

- ▶ Please order fitting sets and profiles separately

Version	Order no.	PU
Standard	9 169 547	1 set

- ▶ TopLine XL / overlay door position
- ▶ System components

Profile set, reinforced, for 1 / 2 / 3 door applications, clip on installation



- ▶ Runner profile, guide profile and cover profile in one pack
- ▶ Reinforced runner profile allows for cabinet divisions up to 1000mm apart
- ▶ Screwless runner and guide profile attachment for clip on installation
- ▶ Runner profile: for clipping into the screw slot provided in the profile
- ▶ Guide profile: slide in the profile as far as the plinth, push clips up - done
- ▶ Aluminium, silver anodized (cover profile: grey plastic)

Profile Set comprises:

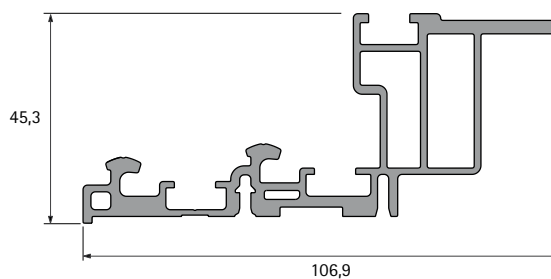
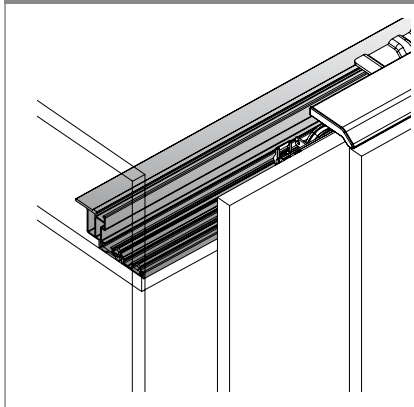
- ▶ 1 runner profile
- ▶ 1 clip on guide profile
- ▶ 1 cover profile for the front most door
- ▶ 4 mounting adapters for the runner profile
- ▶ 1 positioning aid for the guide profile
- ▶ Fixing screws
- ▶ 10 clips for the runner profile
- ▶ 10 clips for the guide profile
- ▶ Fixing screws

Advice:

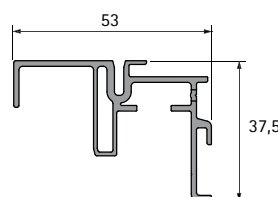
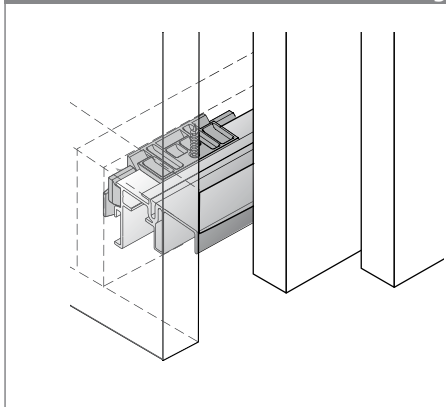
- ▶ Must order both profile and installation set
- ▶ Clip on installation requires a plinth set back by 65 mm

Item	Order no.	PU
Profile set, 3000 mm	9 199 062	1 set
Profile set, 4000 mm	9 199 063	1 set

Installation / dimensional drawing



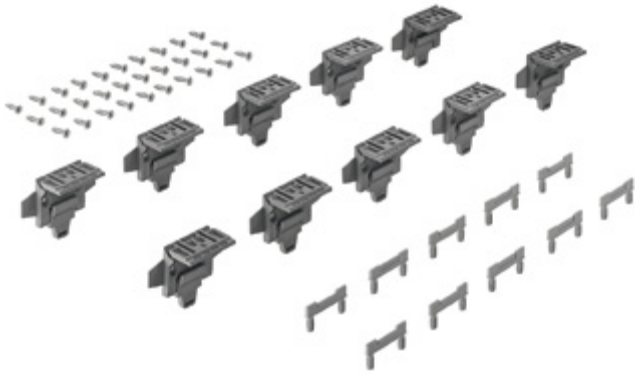
Installation / dimensional drawing



Sliding door system / top running

- ▶ TopLine XL / overlay door position
- ▶ System components

Set for clip on installation



Set comprises:

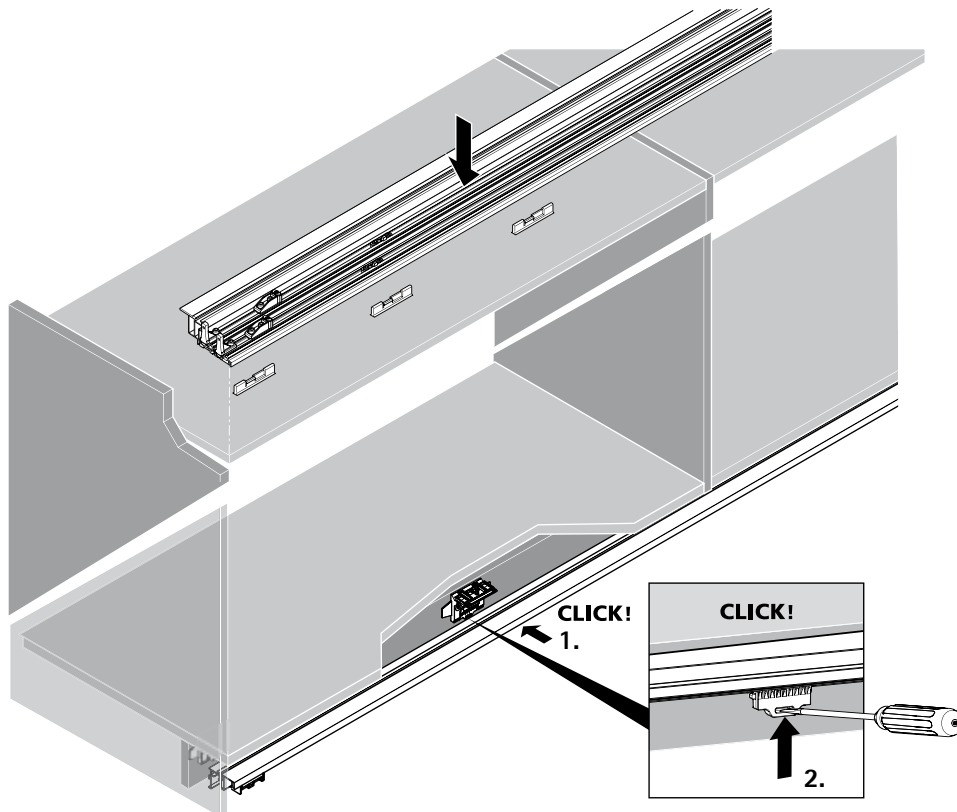
- ▶ 10 clips for the runner profile
- ▶ 10 clips for the guide profile
- ▶ Fixing screws

Advice:

- ▶ For clip on installation please use profile sets for clip in installation
- ▶ Clip on installation requires a plinth set back by 65 mm

Order no.	PU
9 197 185	1 set

Installation



- ▶ TopLine XL / overlay door position
- ▶ System components

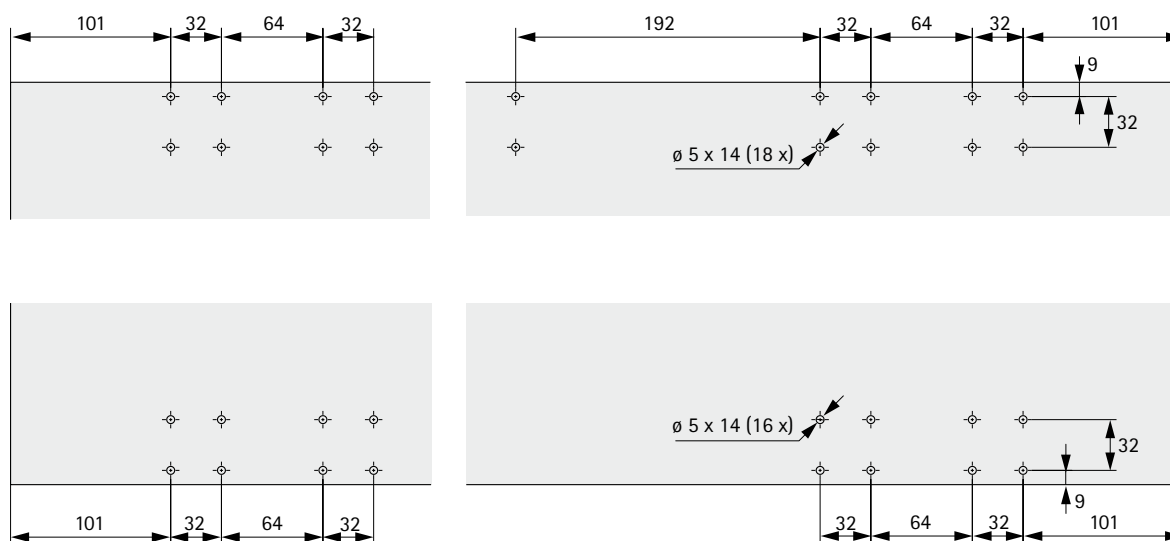
TopLine XL drilling jig



- ▶ For drilling TopLine XL door drilling pattern
- ▶ Hardened steel drilling bushes for 5 mm drill bits with depth setting ring
- ▶ Plywood

Order no.	PU
9 162 438	1 ea.

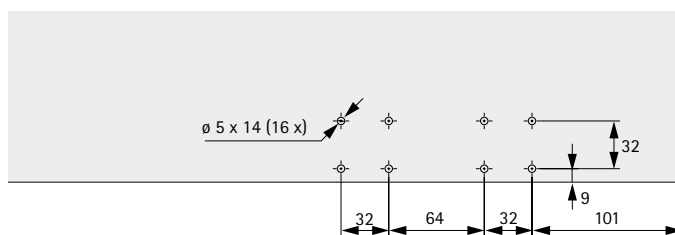
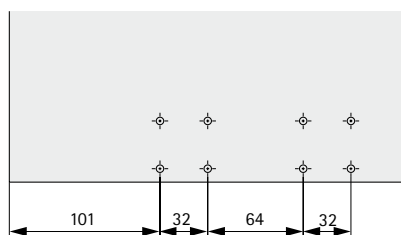
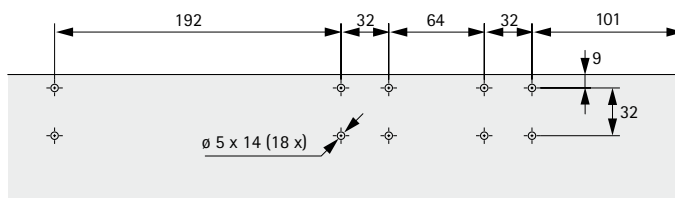
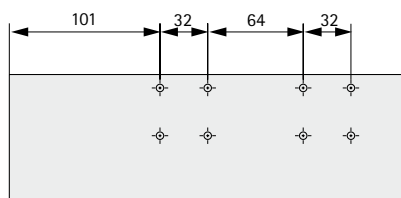
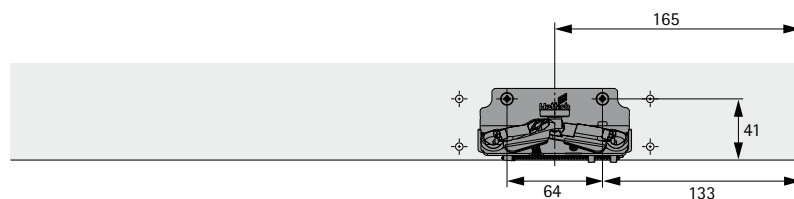
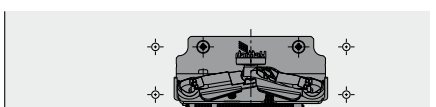
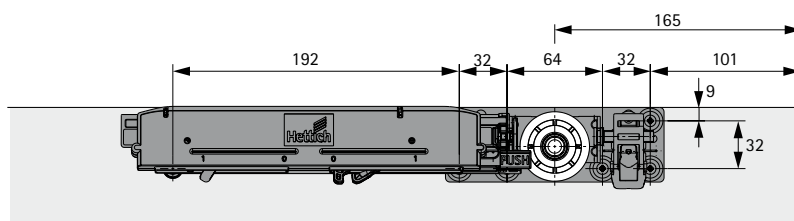
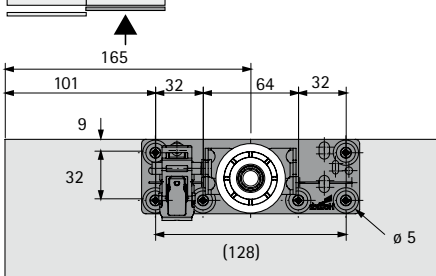
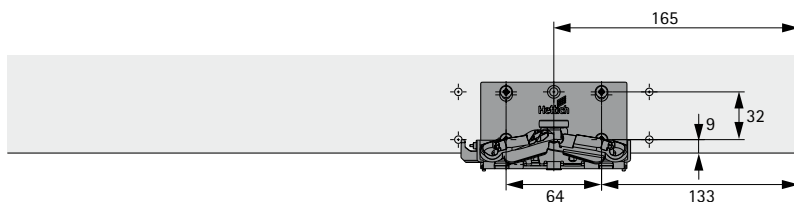
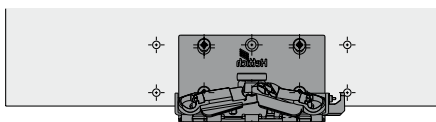
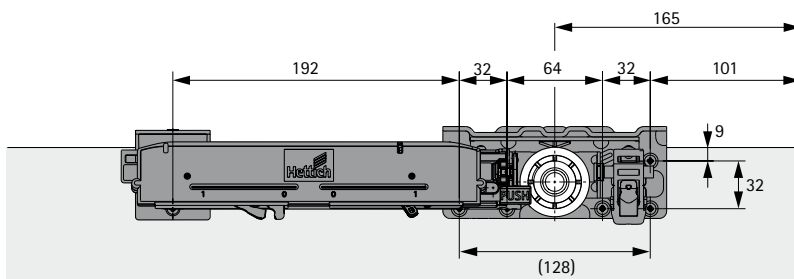
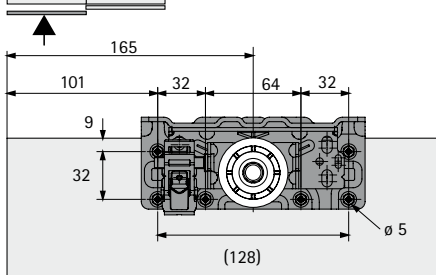
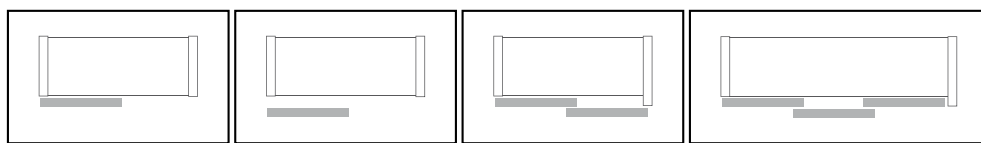
Drilling pattern



Sliding door system / top running

- ▶ TopLine XL / overlay door position
- ▶ Planning dimensions

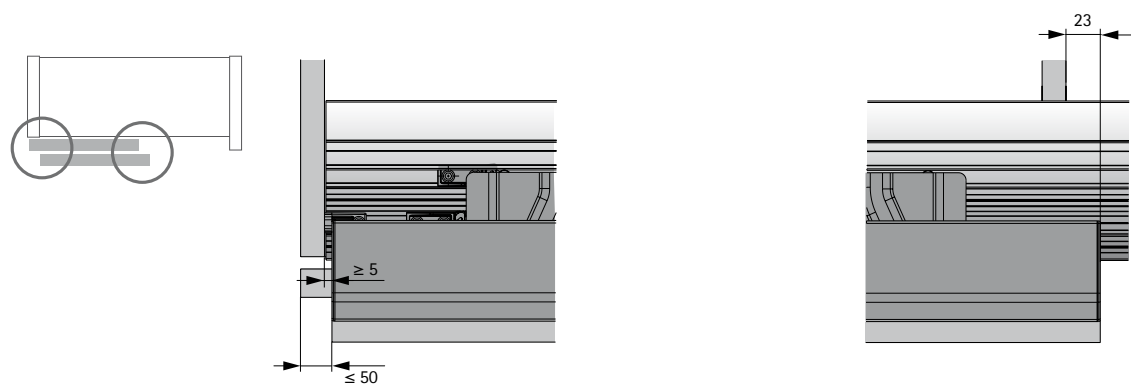
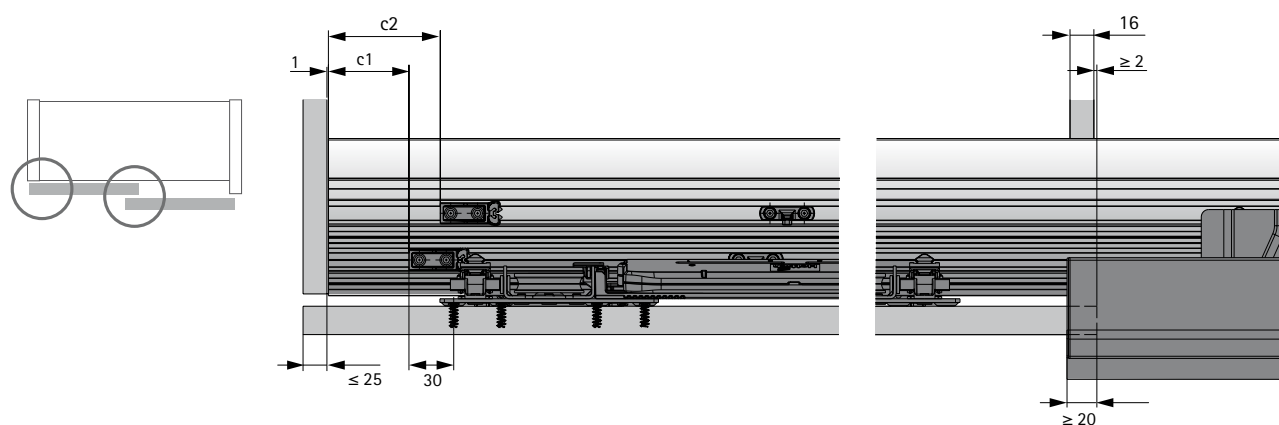
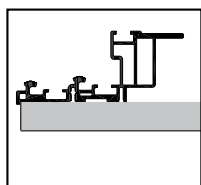
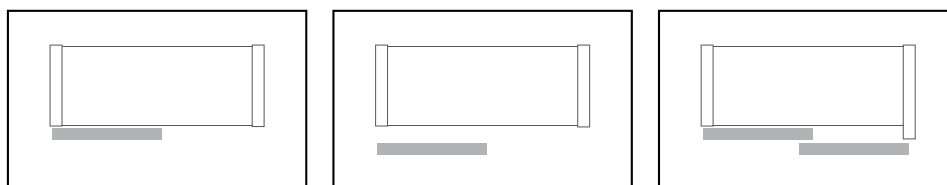
1-, 2-, 3-door cabinets, drilling patterns



Sliding door system / top running

- ▶ TopLine XL / overlay door position
- ▶ Planning dimensions

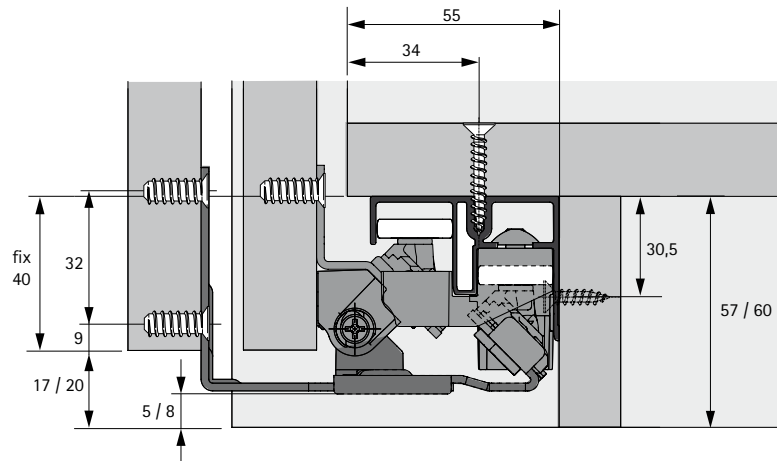
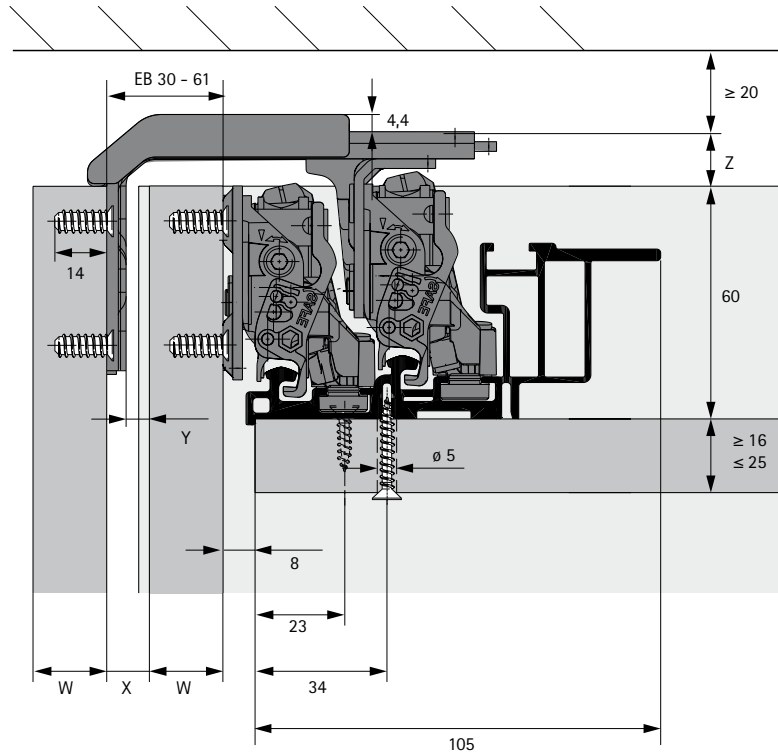
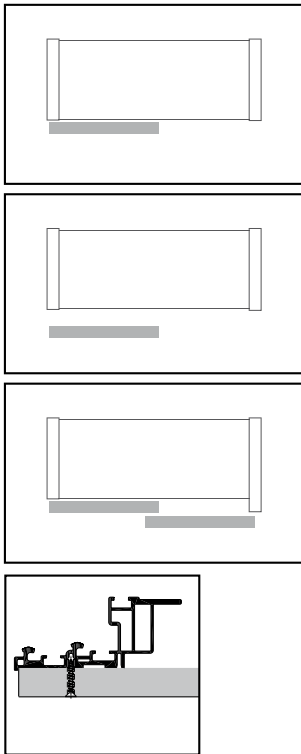
1- / 2-door cabinet, viewed from above



Sliding door system / top running

- ▶ TopLine XL / overlay door position
- ▶ Planning dimensions

1- / 2-door cabinet, reinforced runner profile LA 10664

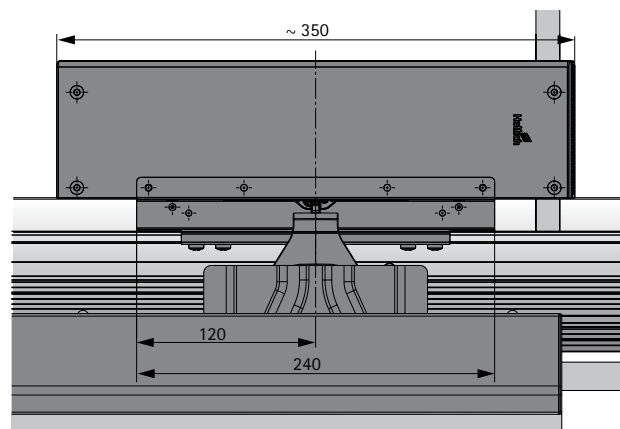
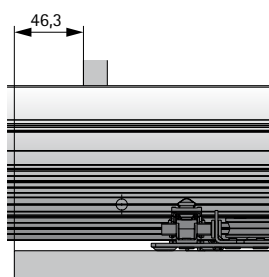
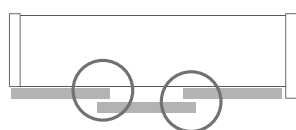
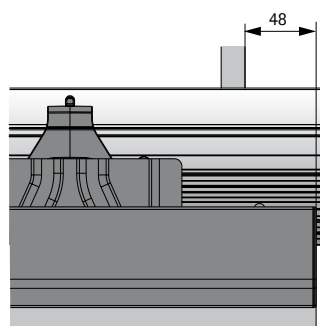
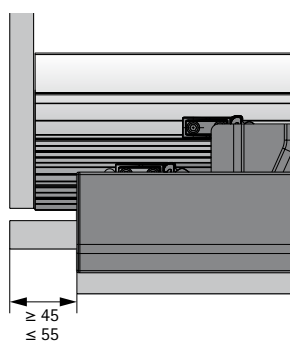
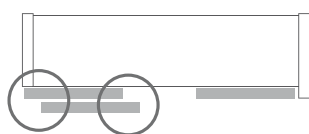
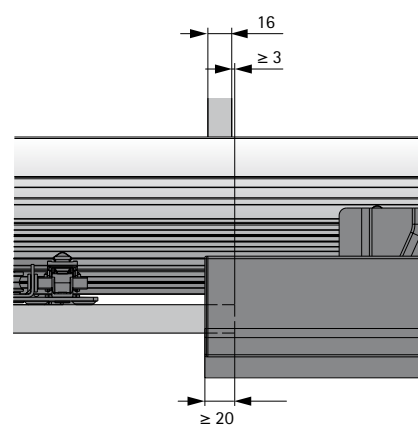
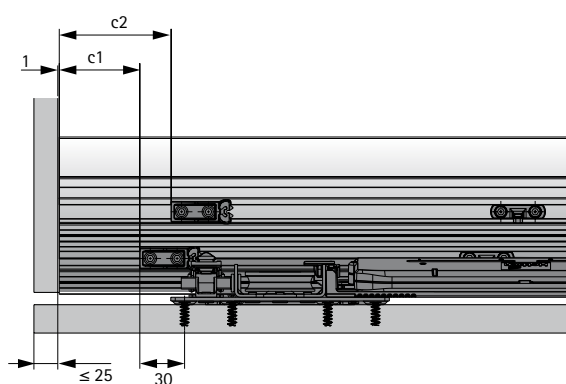
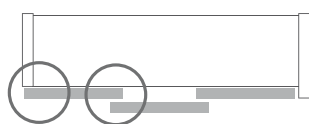
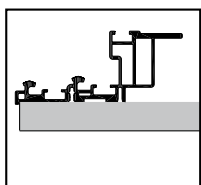
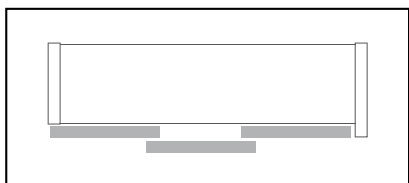


W	EB	X	Y	Z
22	33	11	6	14
40	51	11	5	15
50	61	11	5	15

Sliding door system / top running

- ▶ TopLine XL / overlay door position
- ▶ Planning dimensions

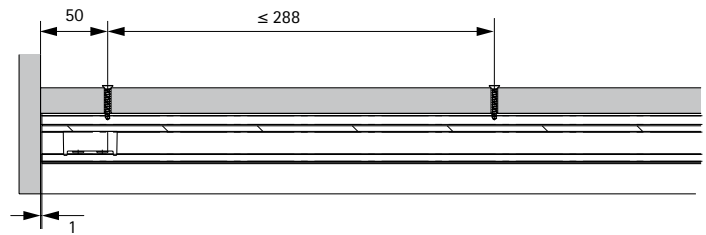
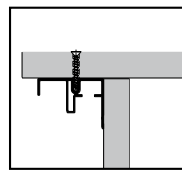
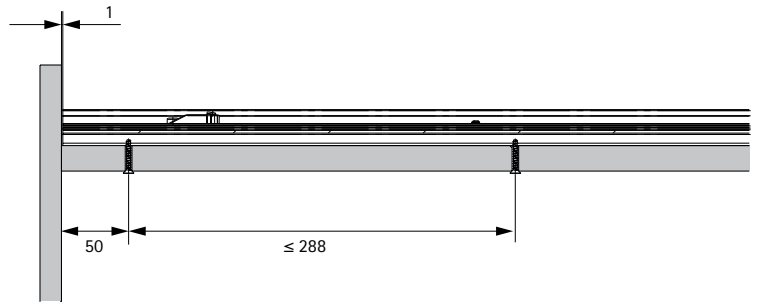
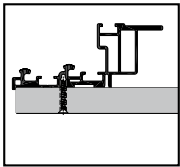
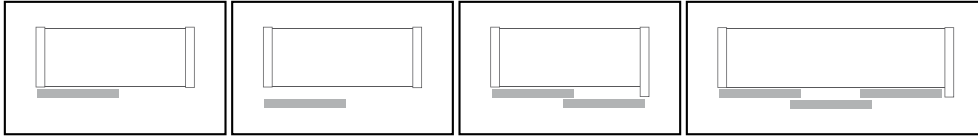
3 door cabinet, viewed from above



Sliding door system / top running

- ▶ TopLine XL / overlay door position
- ▶ Planning dimensions

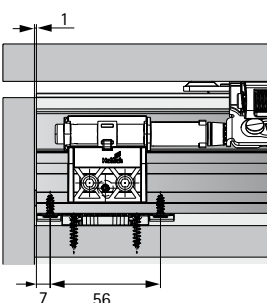
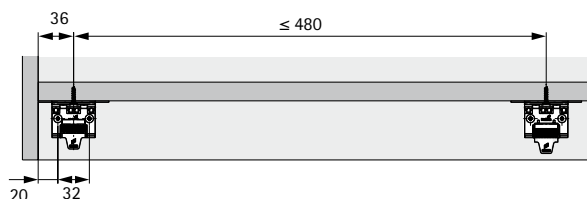
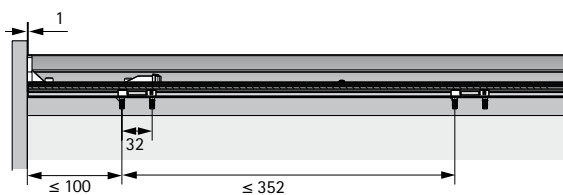
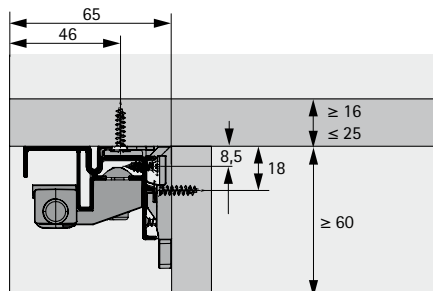
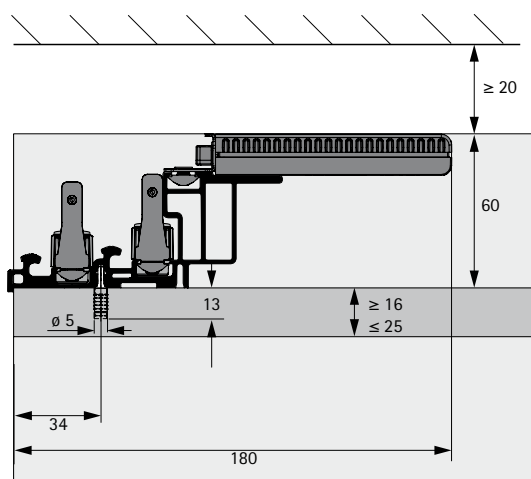
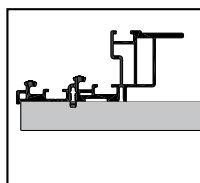
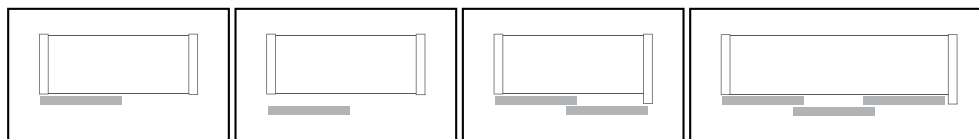
1- / 2- / 3-door cabinets, screw on profiles



Sliding door system / top running

- ▶ TopLine XL / overlay door position
- ▶ Planning dimensions

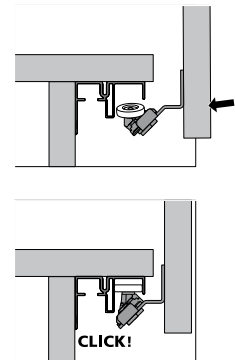
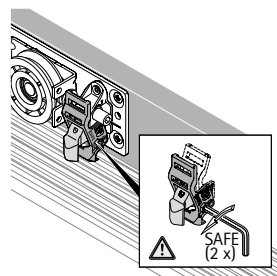
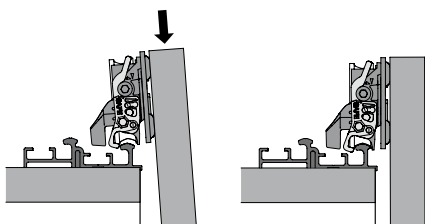
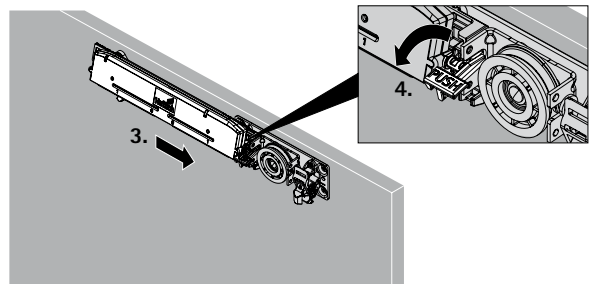
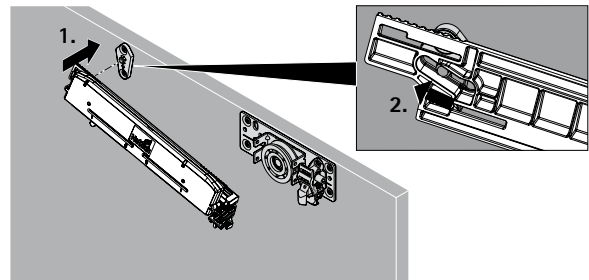
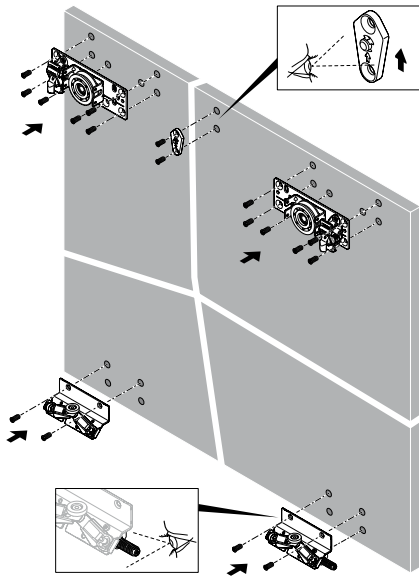
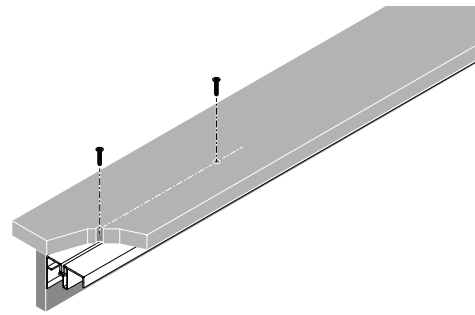
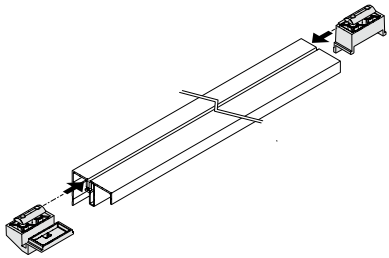
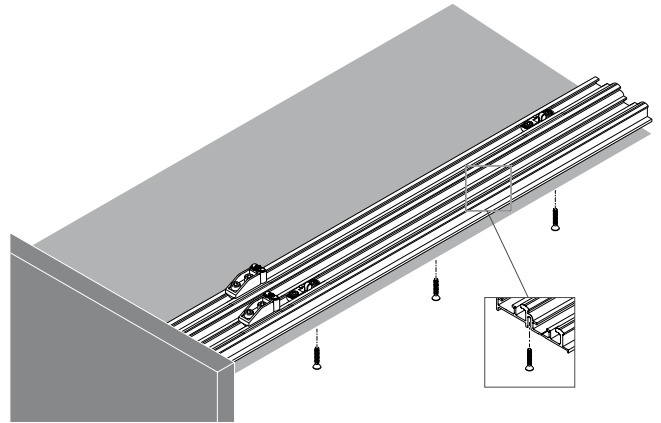
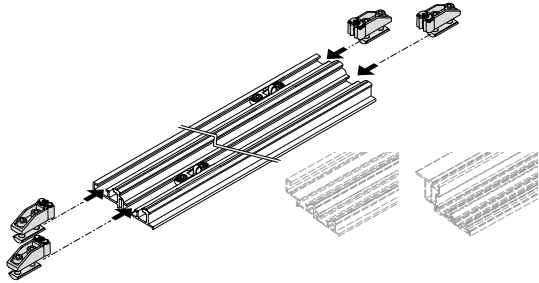
1- / 2- / 3-door cabinets, clip on profiles



Sliding door system / top running

- ▶ TopLine XL / overlay door position
- ▶ Installation

Installation in brief

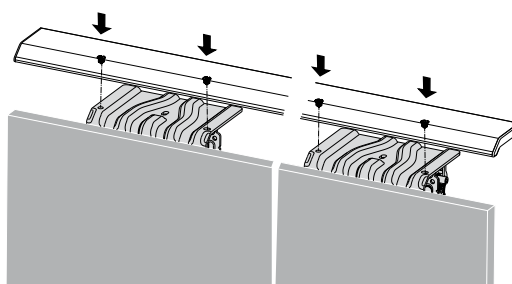
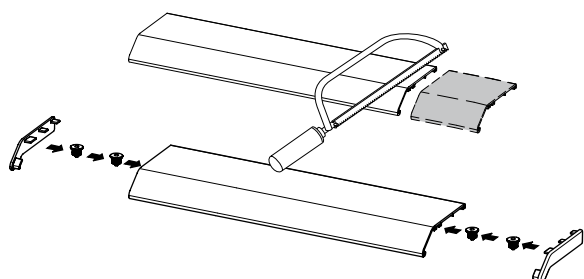
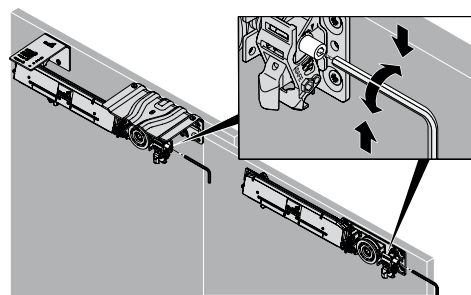
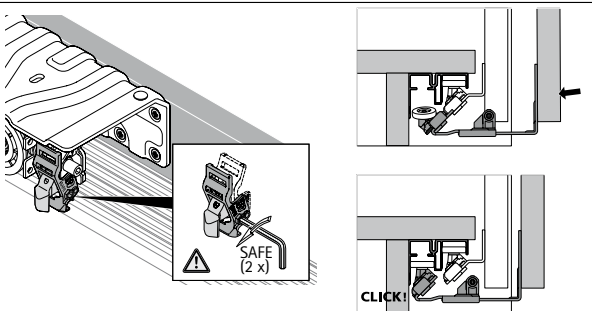
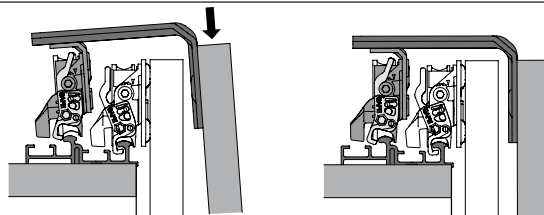
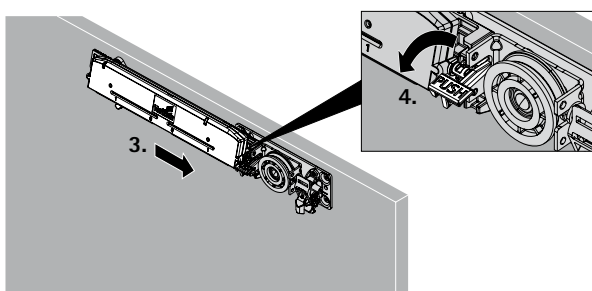
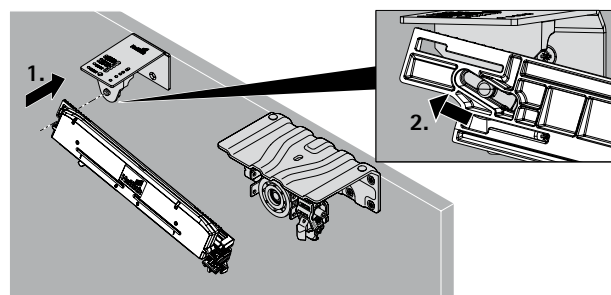
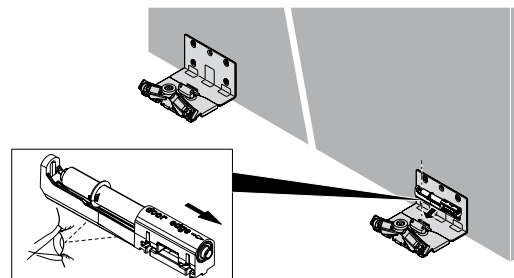
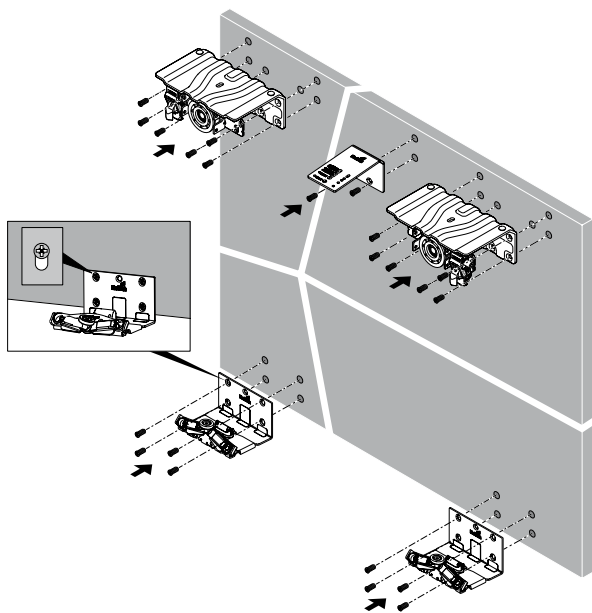


Sliding door system / top running

▶ TopLine XL / overlay door position

▶ Installation

Installation in brief



Sliding door system / top running

- ▶ TopLine M / overlay door position
- ▶ All the benefits at a glance



Great look for small formats. The TopLine M sliding door system lets you bring great design format to small sized cabinets – with doors weighing up to 35 kg. TopLine M also fits on standardised carcasses originally designed for overlay

hinged doors. This makes it ideal for converting existing cabinets – from hinged doors to space saving sliding doors.



Smooth & quiet: Silent System lets doors close quietly and gently.



Quickly transformed: from hinged door to sliding door – without structural modifications.



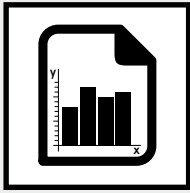
Want it wide: Fully overlapping doors for wide internal drawers.



Free to choose: the bottom profile can also be mounted below or in front of the bottom panel.

Sliding door system / top running

- ▶ TopLine M / overlay door position
- ▶ Summary



Performance summary

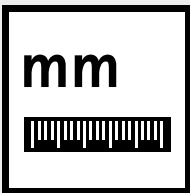
40 – 41

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



System components

42 – 44



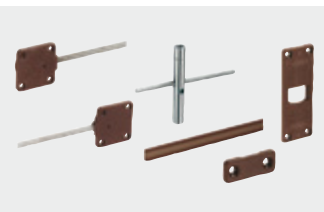
Planning dimensions

45 – 48



Installation

49 – 50



Accessories

98 – 99



Technical information

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

100 – 101

102 – 104

105

Top running sliding door system

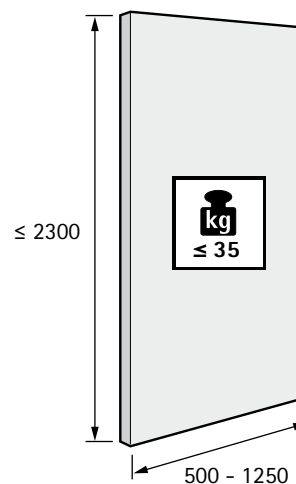


- ▶ TopLine M / overlay door position
- ▶ Performance summary

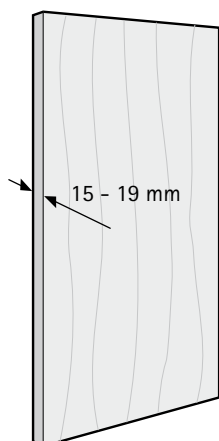
Technical details in brief

- ▶ 2-track, top running sliding door system
- ▶ Overlay door position
- ▶ For wooden doors
- ▶ Door weight up to 35 kg
- ▶ Door height up to 2300 mm
- ▶ Door width 500 - 1250 mm
- ▶ Door thicknesses 15, 16, 18, 19 mm
- ▶ 2 opening versions: fully flush or offset when using projecting handles
- ▶ Tested to EN 15706, Level 2

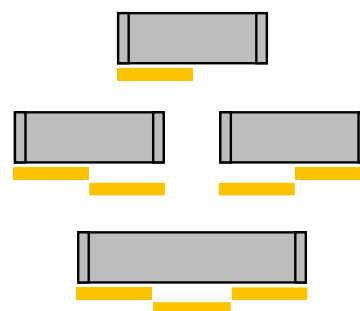
Door format and door weight



Door material



Number of door wings and door position



Silent System

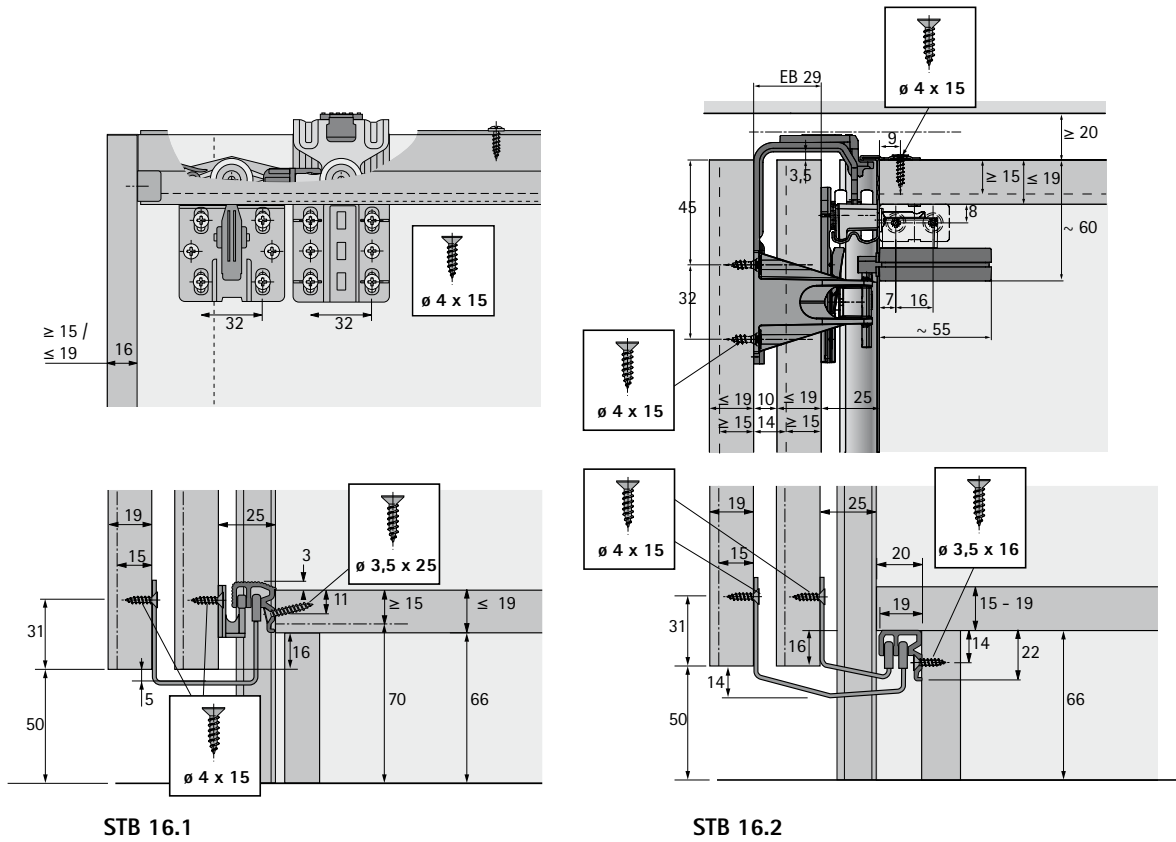
	1-door	2-door	3-door	
Soft closing				

Top running sliding door system

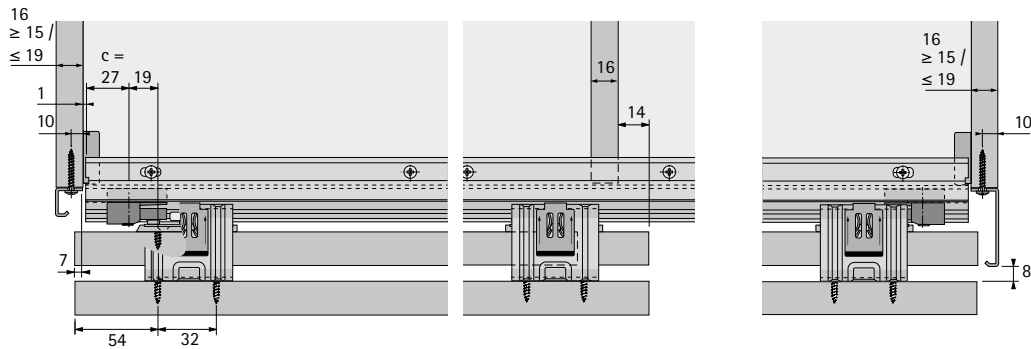
- ▶ TopLine M / overlay door position
- ▶ Performance summary



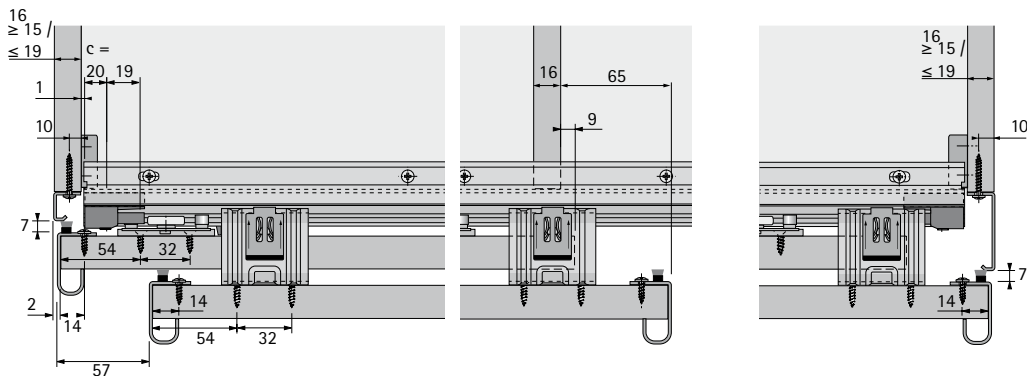
Operating principle / installation dimensions



Operating principle / flush opening



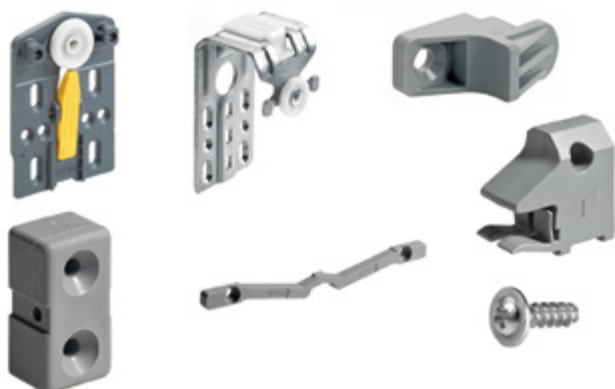
Operating principle / offset opening



Top running sliding door system

- ▶ TopLine M / loading capacity 35 kg
- ▶ Door running in front of top panel

Top door-runner set



- ▶ Top door-runner set
- ▶ Set contains all the parts required for configuring cabinets in the way shown
- ▶ Runner profiles, see page 44

Set comprises:

- ▶ Running components for front-most door
- ▶ Running components for rear-most door
- ▶ Support block for runner profile
- ▶ Spacer
- ▶ End stop
- ▶ Centre stop
- ▶ Special-purpose $\varnothing 4 \times 14$ mm screws for mounting the end stop
- ▶ Fixing material

Installing option	Order no. / Number of doors		PU
	2	3	
in front of the bottom panel, below the bottom panel	9 135 209	9 135 221	1 set

Set, bottom door guide STB 16



- ▶ STB 16.1 for profiles in front of the bottom panel
- ▶ STB 16.2 for profiles below the bottom panel (plinth set back by 20 mm)

Set comprises:

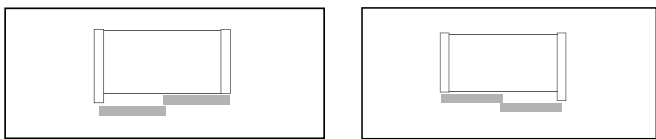
- ▶ Guide components for front-most door
- ▶ Guide components for rear-most door

Installing option	Order no. / Number of doors		PU
	2	3	
below the bottom panel (STB 16.2)	9 109 805	9 109 806	1 set
in front of the bottom panel (STB 16.1)	9 140 458	9 140 474	1 set

Sliding door system / top running

- ▶ TopLine M / overlay door position
- ▶ System components / 2 and 3 door

Silent System soft closing set



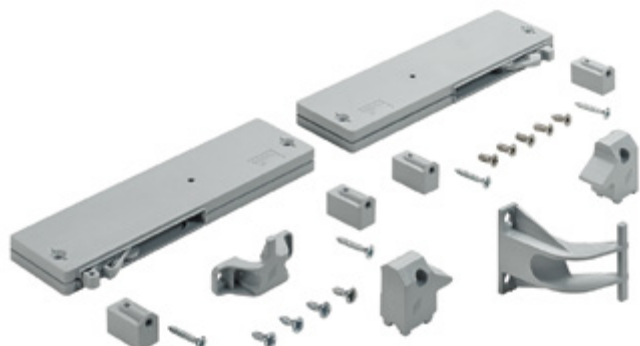
- ▶ Quietly and gently closing sliding doors
- ▶ Little effort required for easy door movement

Set comprises:

- ▶ 2 soft closing elements
- ▶ 2 activators
- ▶ 4 mounting adapters
- ▶ 2 end stops
- ▶ Fixing material

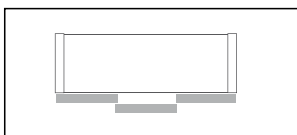
Advice:

- ▶ Please order fitting sets and profiles separately
- ▶ Soft closing element can only be used for offset opening



Order no.	PU
9 144 901	1 set

Silent System soft closing set



Note:

Soft close only works for LH and RH rear doors, centre door does not soft close

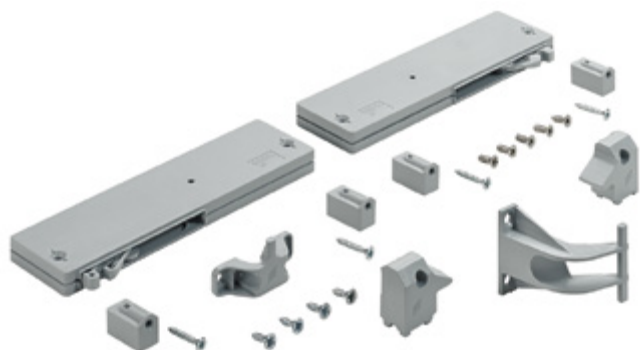
- ▶ Quietly and gently closing sliding doors
- ▶ Little effort required for easy door movement

Set comprises:

- ▶ 2 soft closing elements
- ▶ 2 activators
- ▶ 4 mounting adapters
- ▶ 2 end stops
- ▶ Fixing material

Advice:

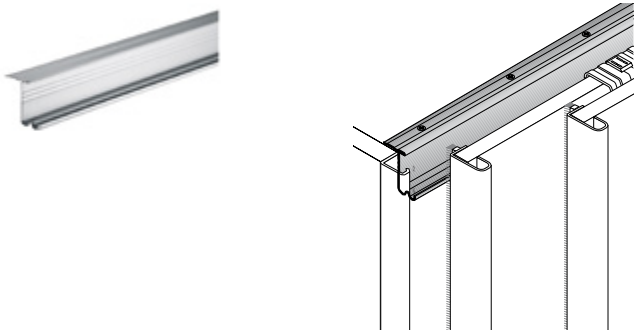
- ▶ Please order fitting sets and profiles separately
- ▶ Soft closing element can only be used for offset opening
- ▶ 3-door: soft closing for rear most doors



Order no.	PU
9 144 902	1 set

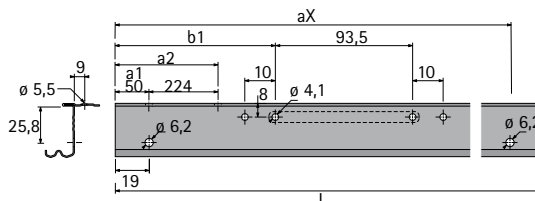
- ▶ TopLine M / overlay door position
- ▶ System components

Runner profile

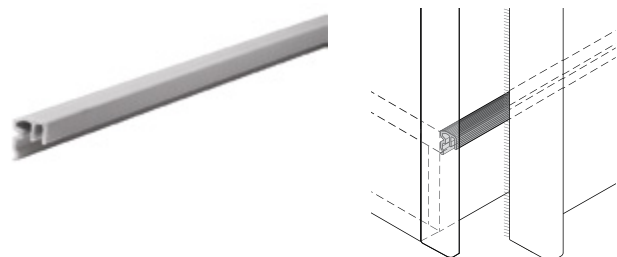


- ▶ Aluminium, silver anodised

Length mm	Order no.	PU
2000	9 117 425	1 ea.
3000	9 117 426	1 ea.

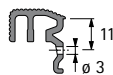


Guide profile STB 16.1

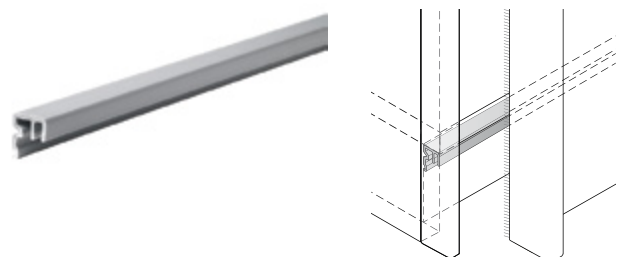


- ▶ Positioned in front of the bottom panel
- ▶ Plastic, grey

Length mm	Order no.	PU
2000	9 117 427	1 ea.
3000	9 117 428	1 ea.



Guide profile STB 16.2



- ▶ Positioned below the bottom panel
- ▶ Plastic, grey

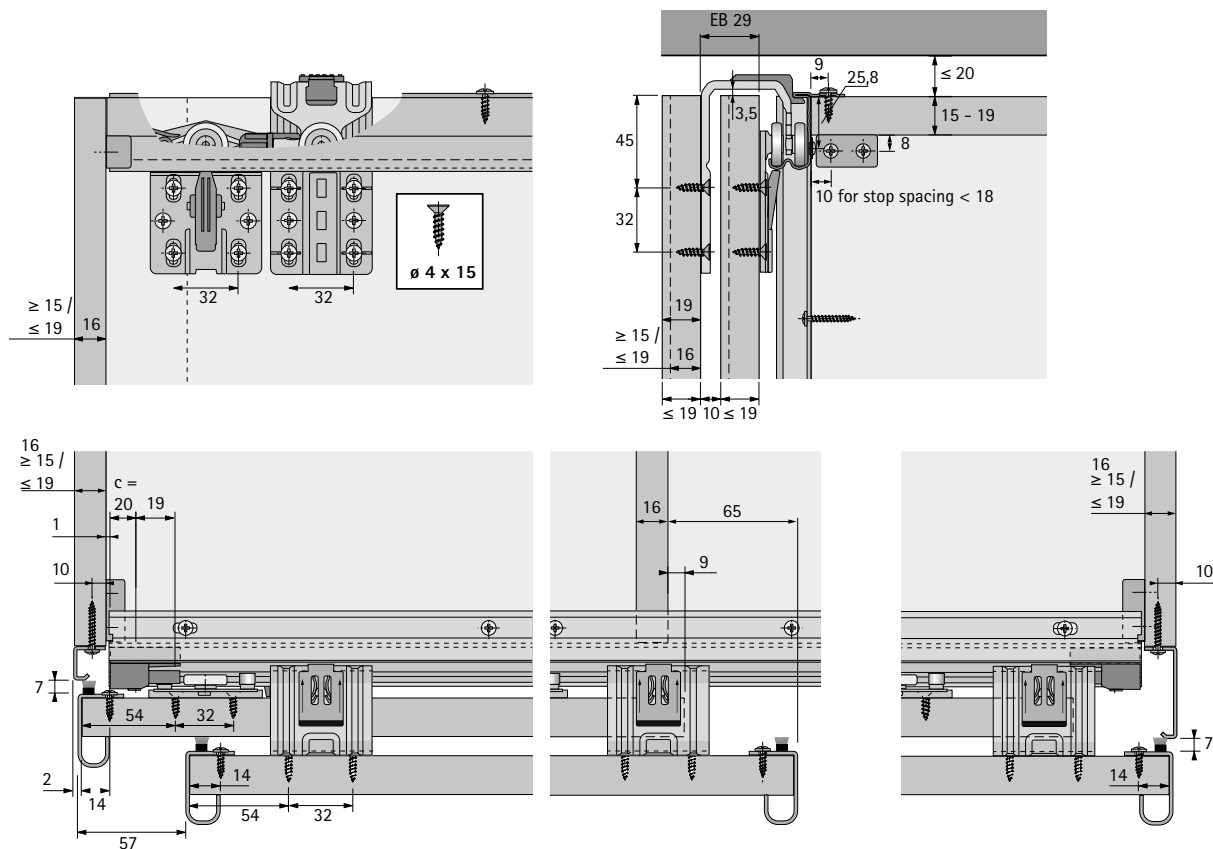
Length mm	Order no.	PU
2000	9 117 429	1 ea.
3000	9 117 430	1 ea.



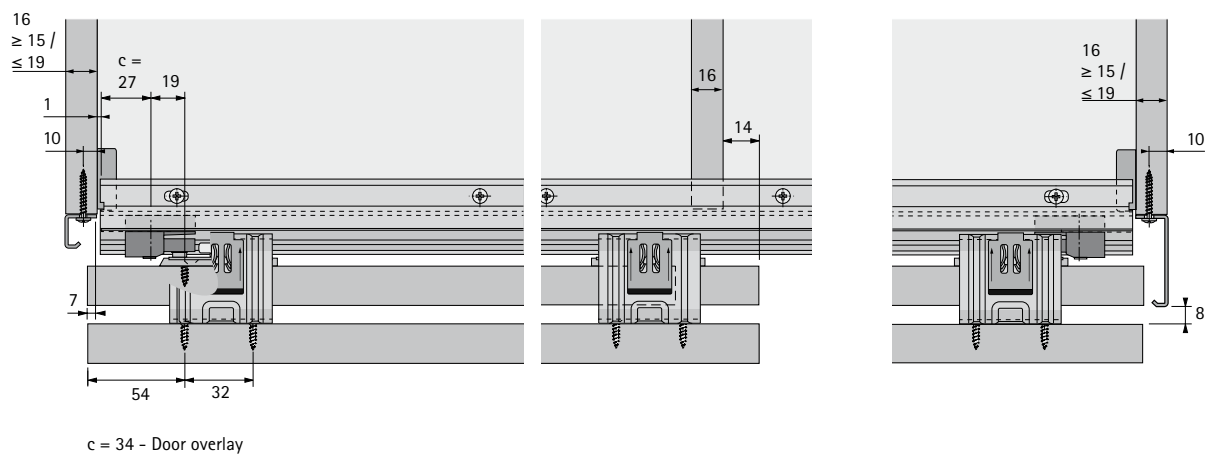
Sliding door system / top running

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

Installation dimensions / offset opening



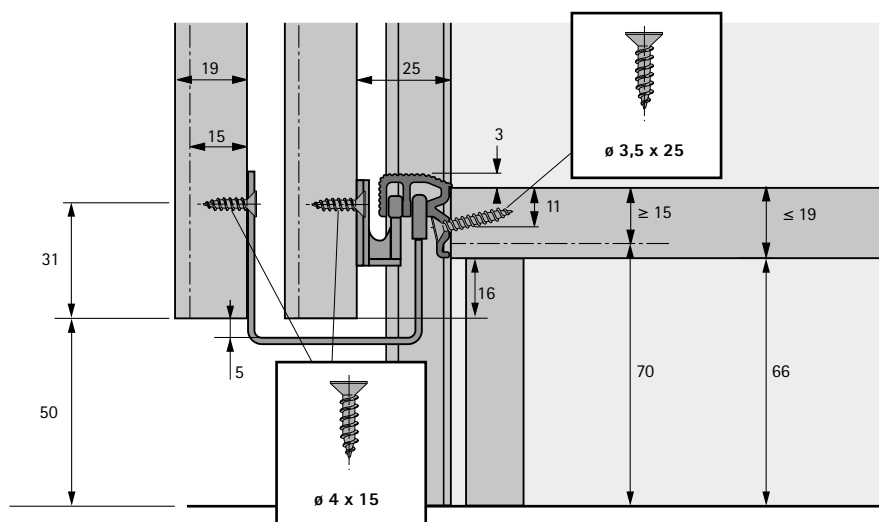
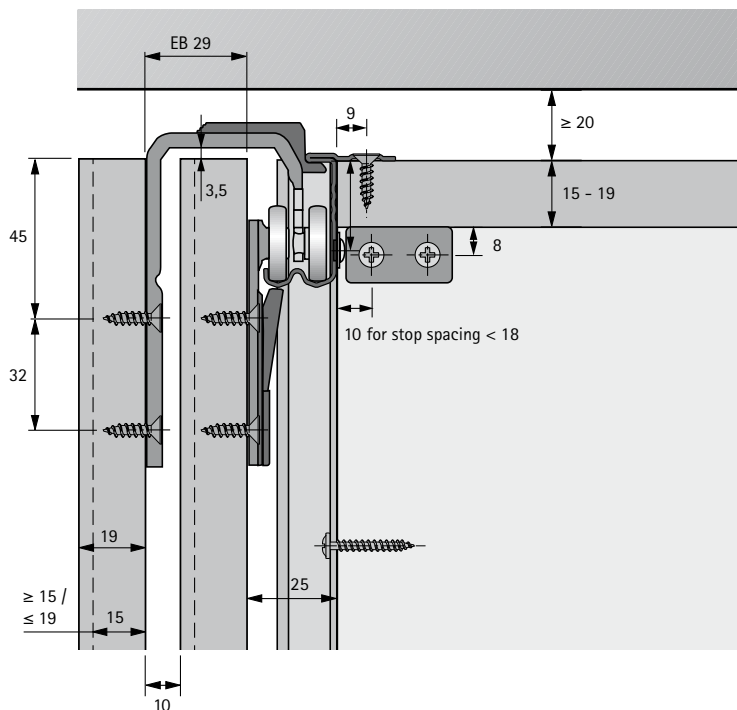
Installation dimensions / flush opening



Sliding door system / top running

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

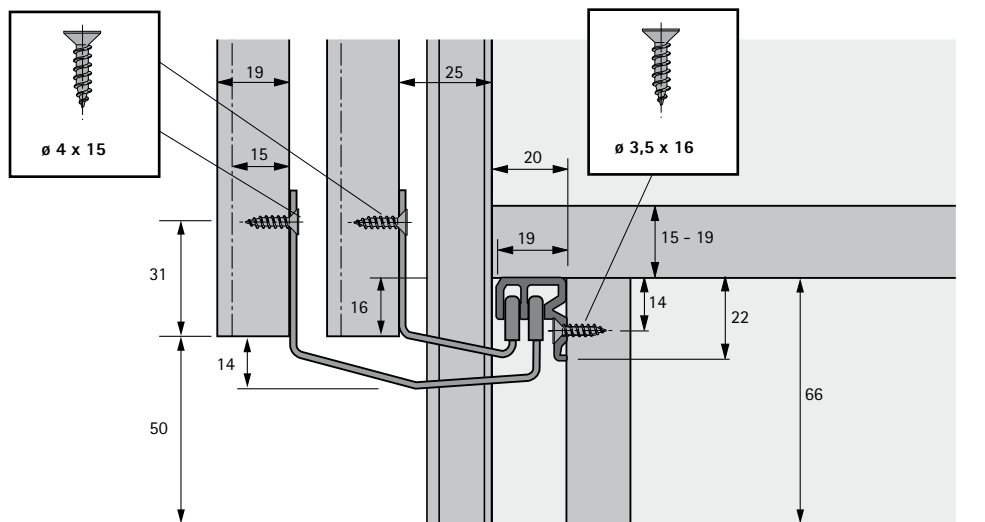
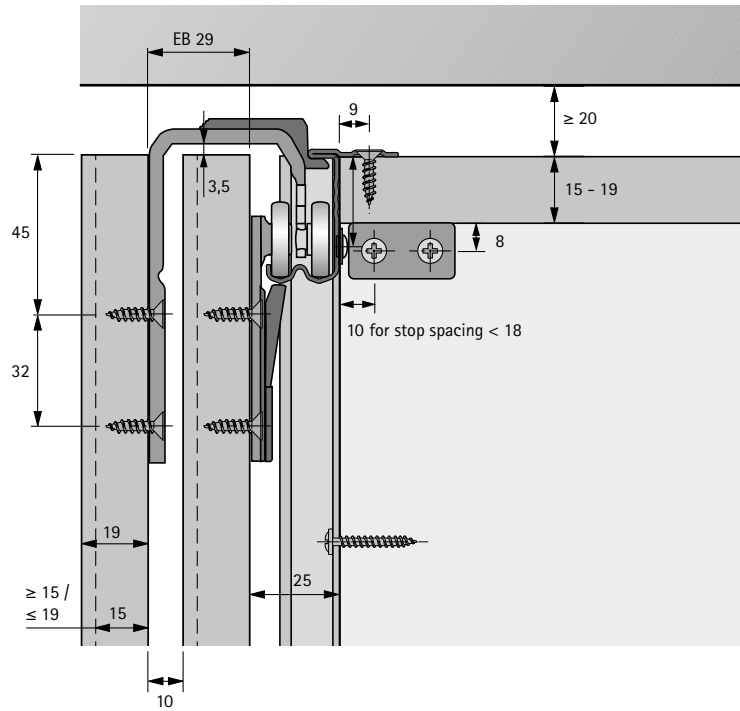
Installation dimensions / guide system STB 16.1



Sliding door system / top running

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

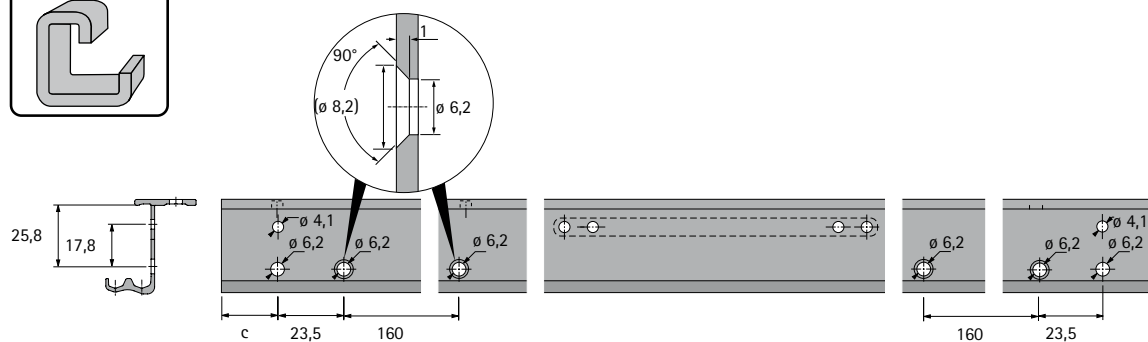
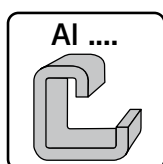
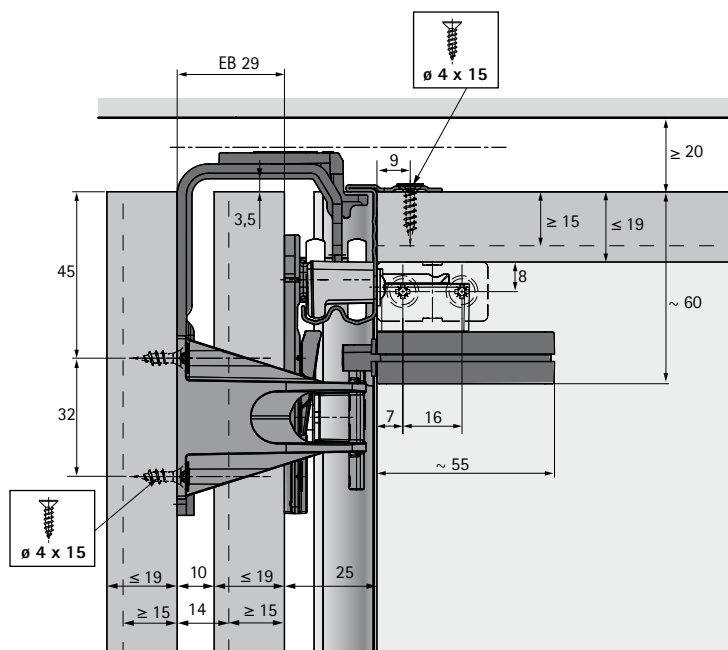
Installation dimensions / guide system STB 16.2



Sliding door system / top running

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

Installation dimensions for Silent System soft closing

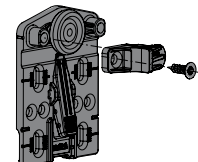
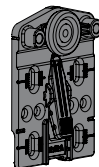
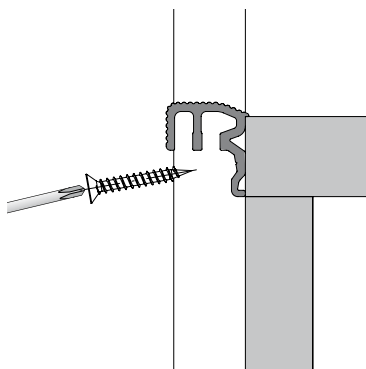
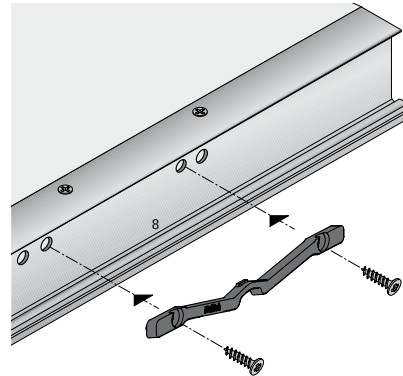
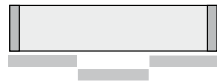
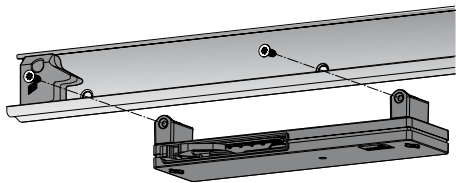
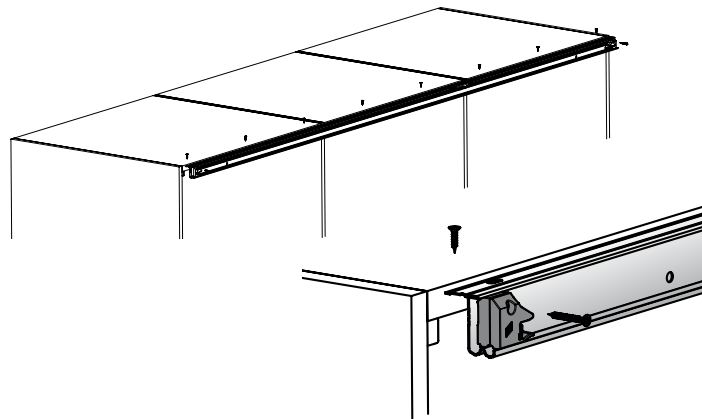
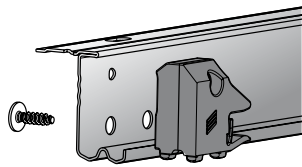
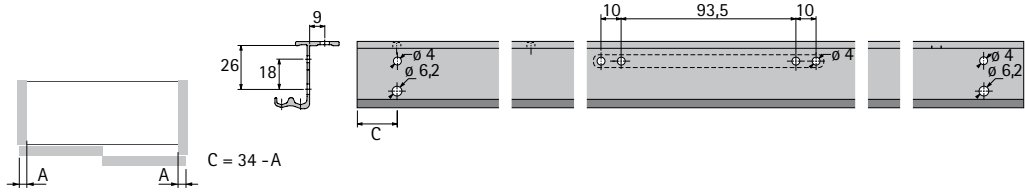


c = 34 - Door overlay

Sliding door system / top running

- ▶ TopLine M / overlay door position
- ▶ Installation

Installation in brief

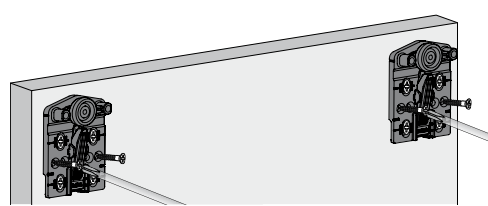
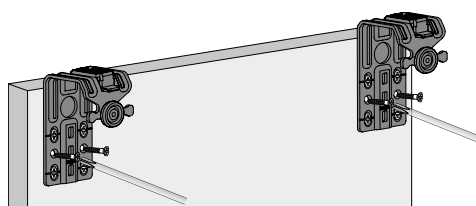
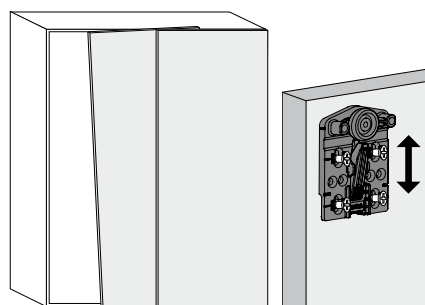
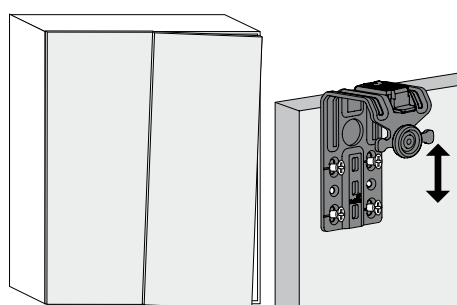
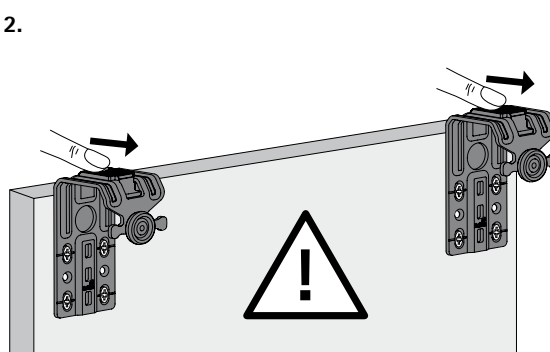
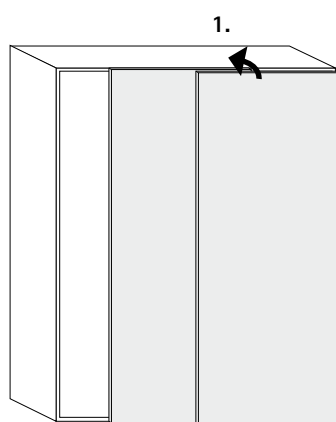
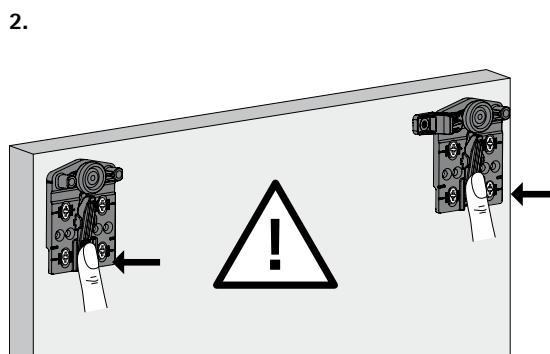
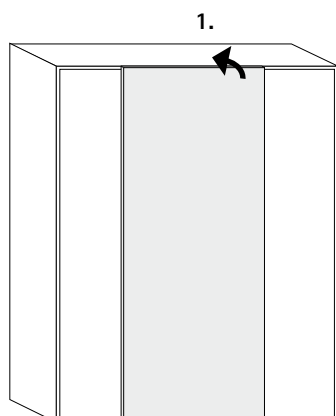


Sliding door system / top running

▶ TopLine M / overlay door position

▶ Installation

Installation in brief



Sliding door system / top running

- ▶ SysLine S / inset door position
- ▶ All the benefits at a glance



Storage space wizard. Do you place the most exacting demands on functionality and quality? If you do, then SysLine S is the perfect sliding door system. It gently moves aside doors weighing up to 15 kg - and makes optimum use

of storage space. The optional Silent System provides even more convenience. High quality technology you can feel everywhere but see nowhere. For the ultimate in design. The bottom panel has no intrusive profiles either.



More peace and quiet: optional Silent System in closing and opening direction.



Superbly designed and convenient: no profiles on the bottom panel to spoil the look.



Almost invisible: Runner profiles are recessed into the top panel.



Save time: the door is quickly hooked in and aligned by clip installation and tool-less height adjustment.



Uniform panel thicknesses for less material handling: top panels from 16 mm.



Optimum use made of storage space: SysLine S opens doors with zero protrusion.



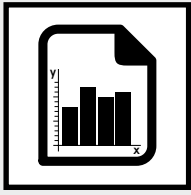
Design the plinth in any chosen way: Any runner system can be chosen.



A better place to work: sliding doors provide greater freedom of movement at the workplace.

Sliding door system / top running

- ▶ SysLine S / inset door position
- ▶ Summary



Performance summary

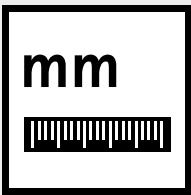
54 – 55

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



System components

56 – 57



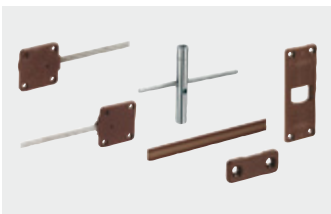
Planning dimensions

58 – 62



Installation

63 – 64



Accessories

98 – 99



Technical information

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

100 – 101

102 – 104

105

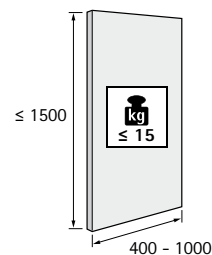


- ▶ SysLine S / inset door position
- ▶ Performance summary

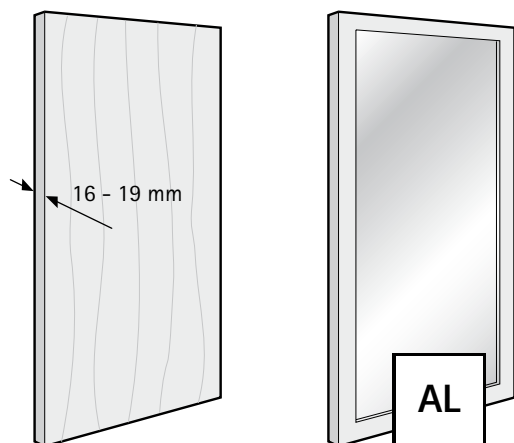
Technical details in brief

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

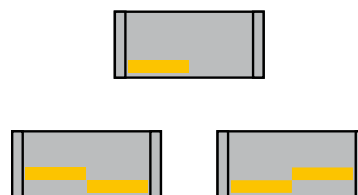
Door format and door weight



Door material



Number of door wings and door position



Silent System

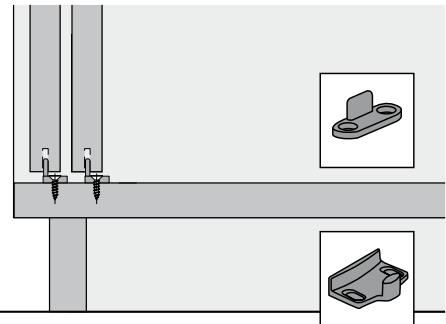
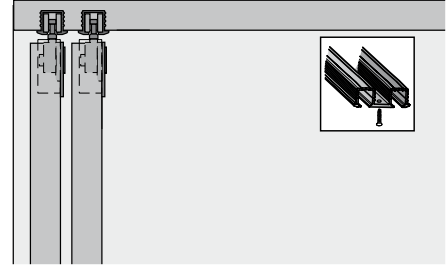
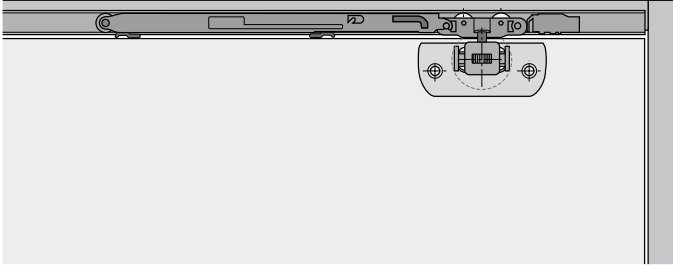
	1-door	2-door		
Soft closing				
Soft opening				

Sliding door system / top running

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



Operating principle



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

Set with Silent System soft closing and soft opening



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

Set comprises:

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

Advice:

- ▶ Please order profiles separately
- ▶ Door width 590 mm min.

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

Advice:

- ▶ Please order profiles separately
- ▶ Door width 410 mm min.

Order no.	PU
9 134 311	1 set

Sliding door system / top running

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

Screw on runner profile

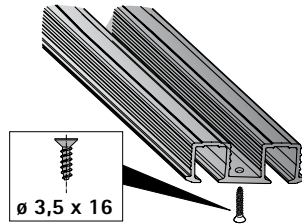
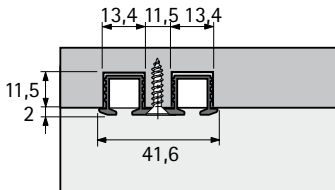


- ▶ Top panel thickness 16 mm min.
- ▶ Door thickness 19 mm max.
- ▶ Aluminium, bright

Advice:

- ▶ 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.

- ▶ Customised lengths on request

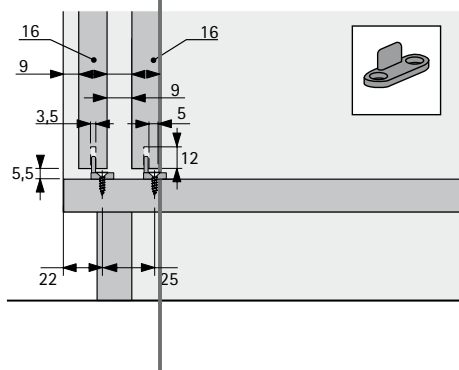
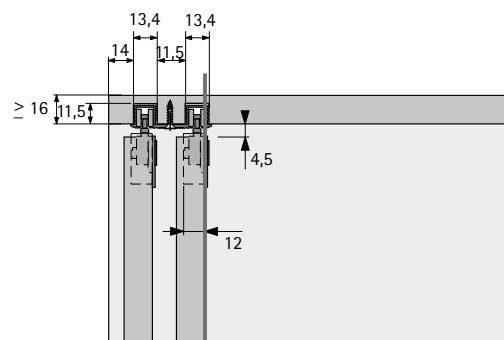
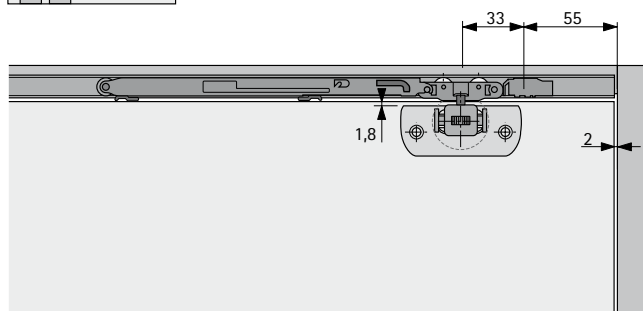
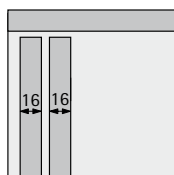


Length mm	Order no.	PU
2000	9 136 105	1 ea.

Sliding door system / top running

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

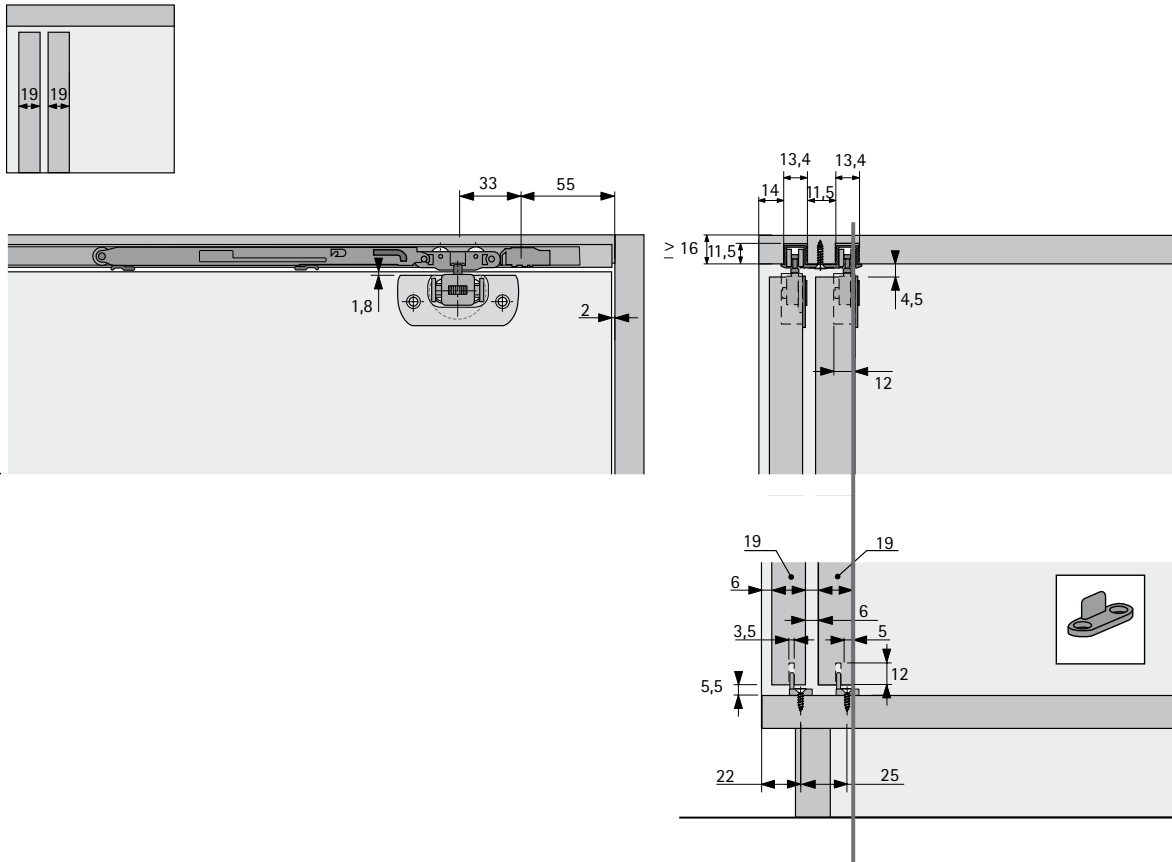
Installation dimensions for 16 mm wooden doors



Sliding door system / top running

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

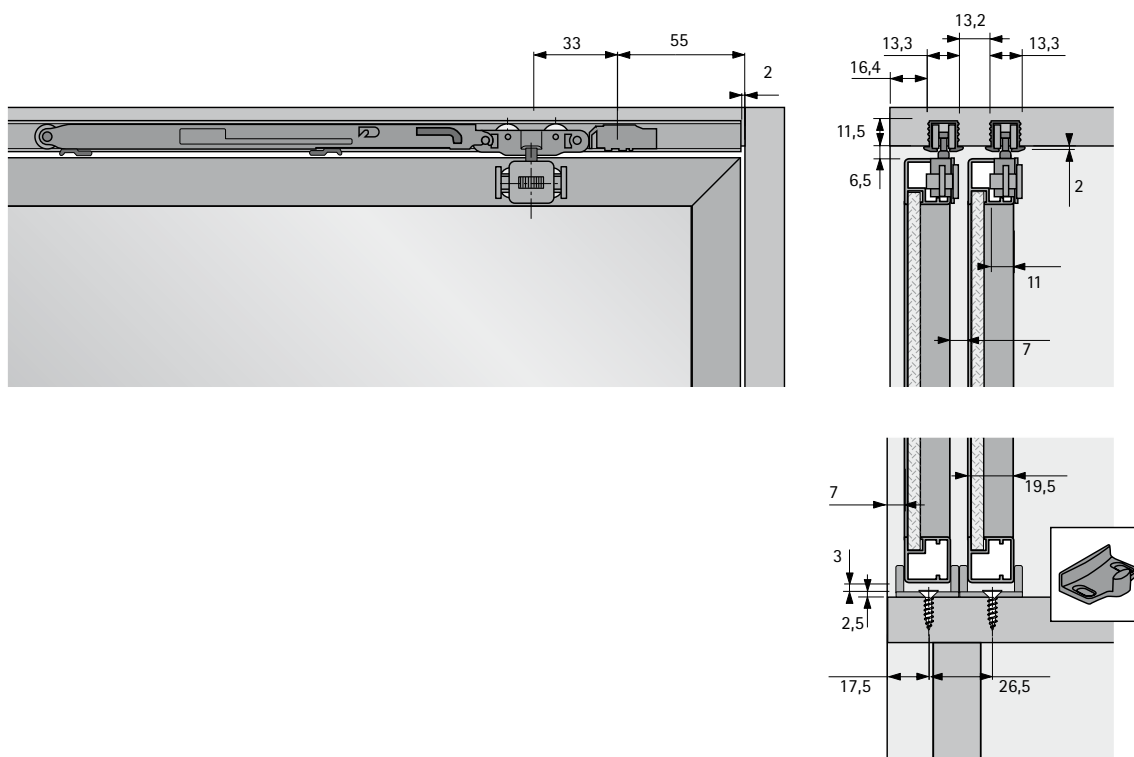
Installation dimensions for 19 mm wooden doors



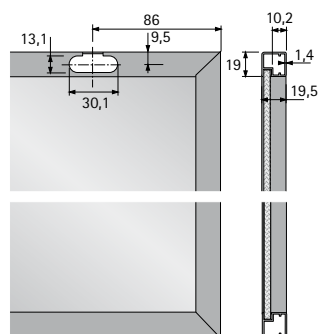
Sliding door system / top running

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

Installation dimensions for 19 mm aluminium framed doors



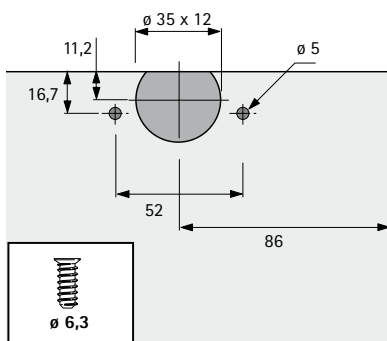
Drilling pattern for aluminium framed door



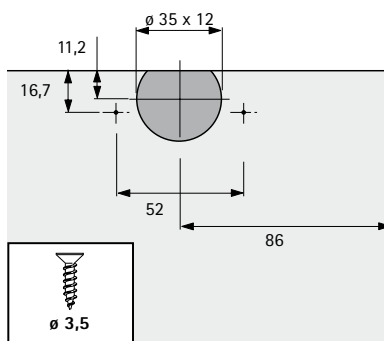
Sliding door system / top running

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

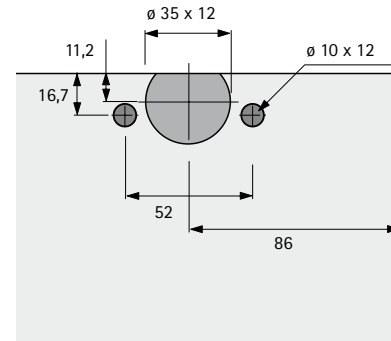
Drilling pattern for wooden door



Adapter for wooden doors for screwing on

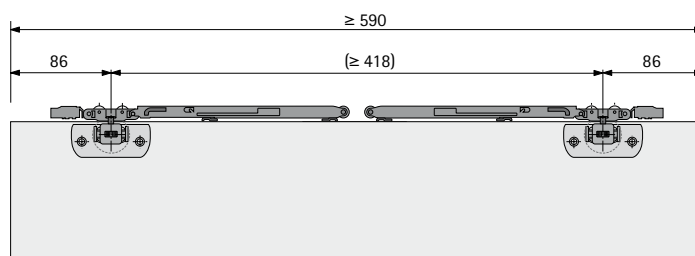
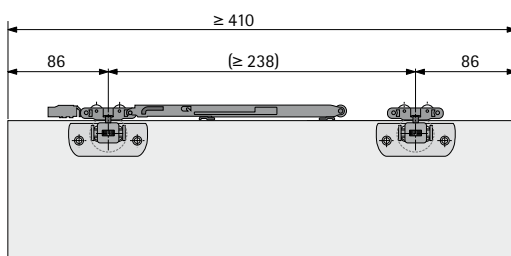


Adapter for wooden doors for screwing on

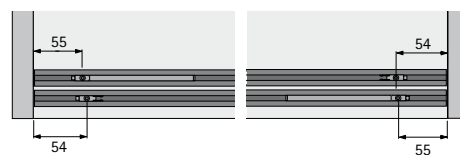
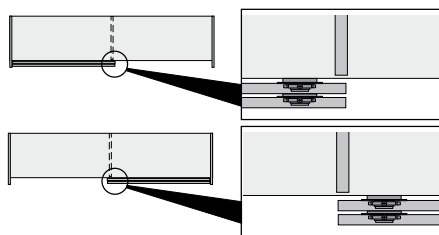


Adapter for wooden doors for pressing in

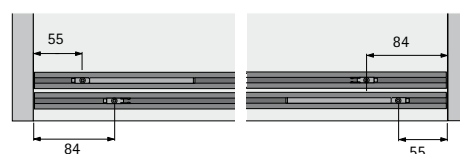
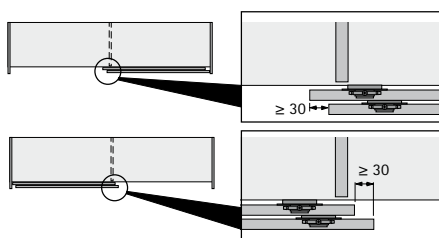
Minimum door width



Positioning end stop and activator for flush opening



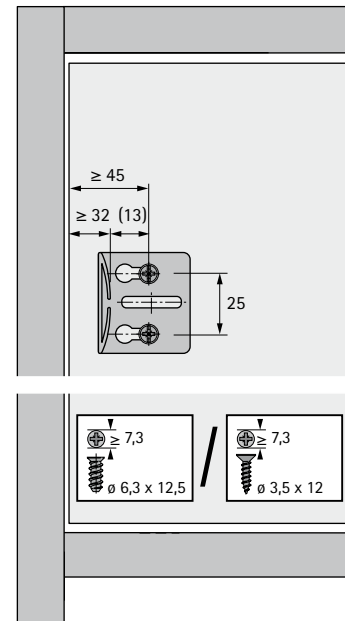
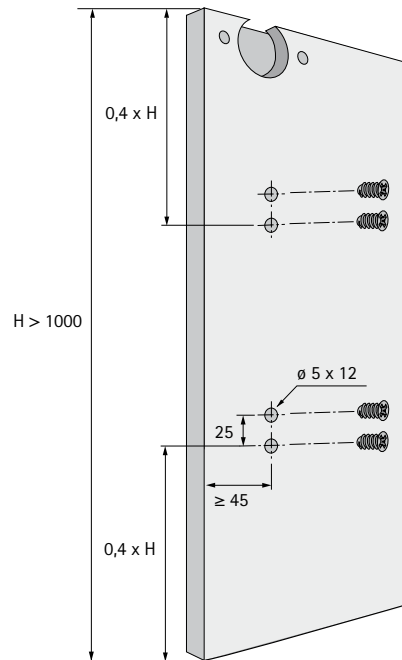
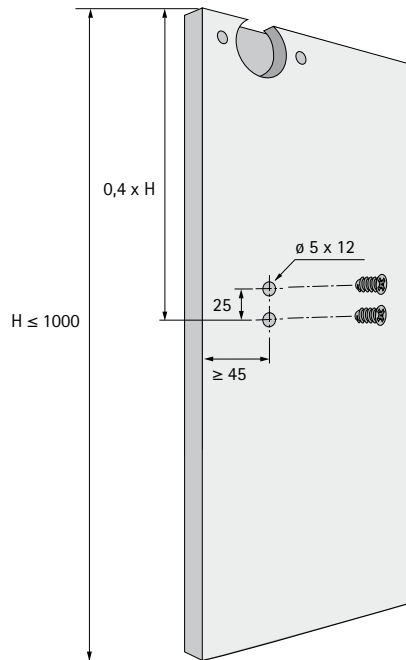
Positioning end stop and activator for offset opening



Sliding door system / top running

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

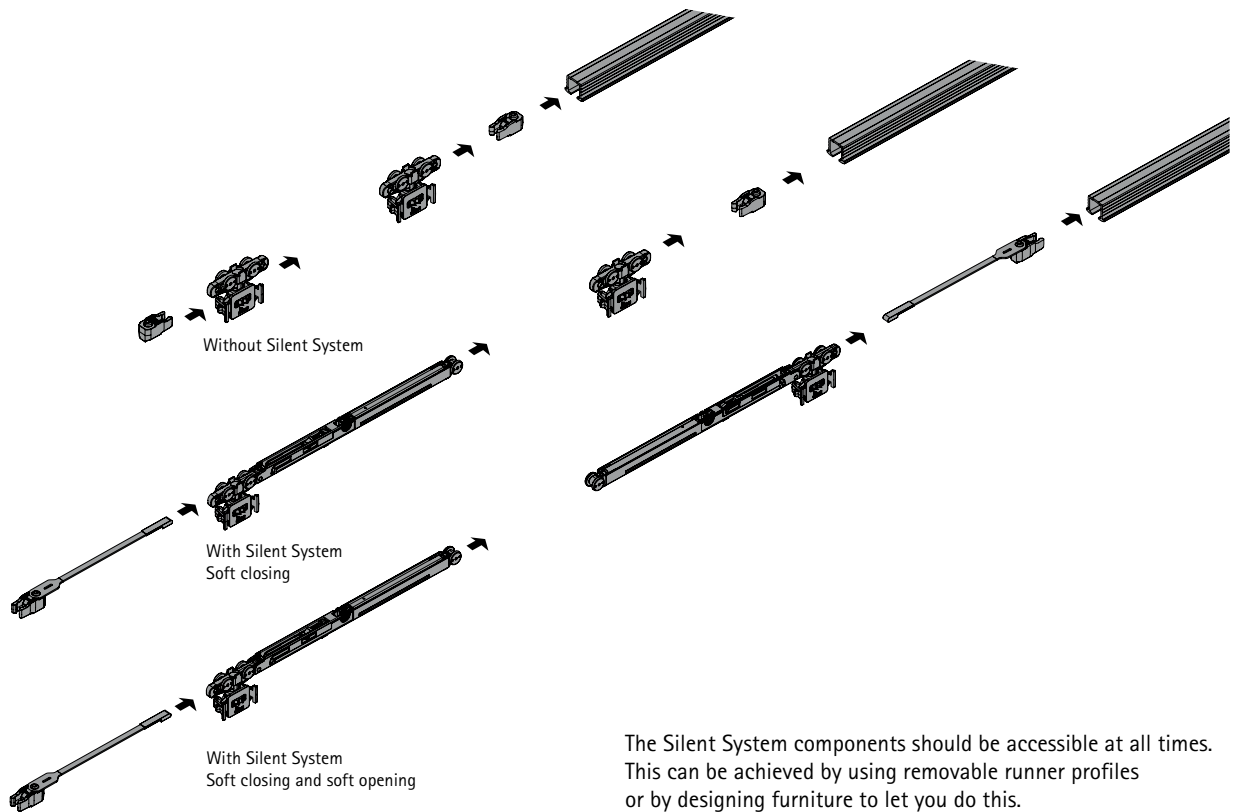
Drilling pattern for door stop / spacer



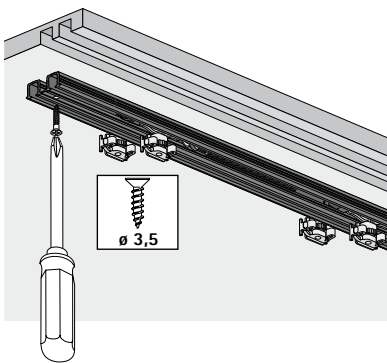
Sliding door system / top running

- ▶ SysLine S / inset door position
- ▶ Installation

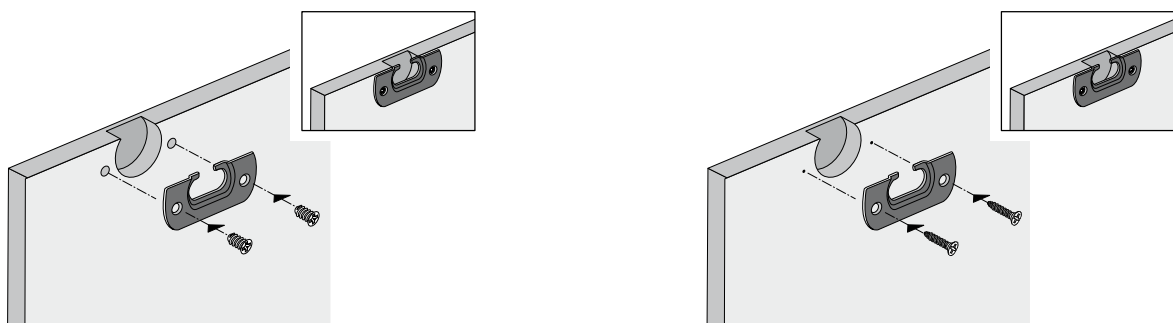
Fitting running components, end stops and activators into the profile



Installing the runner profiles



Installing the adapters for wooden doors

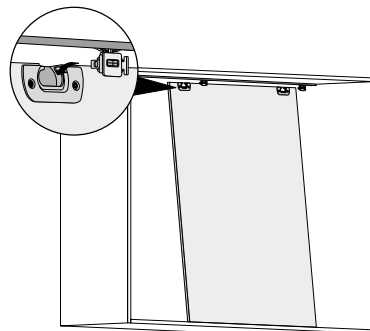
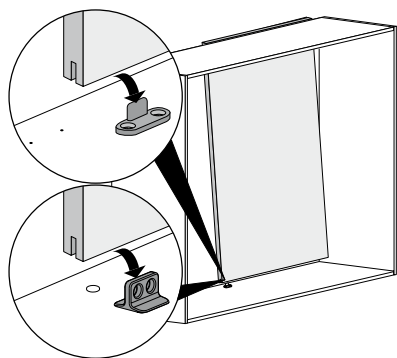


Sliding door system / top running

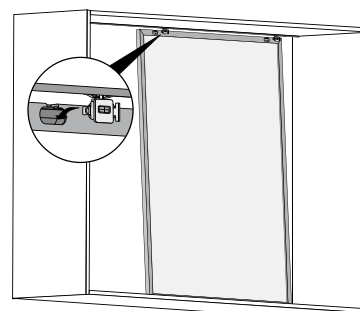
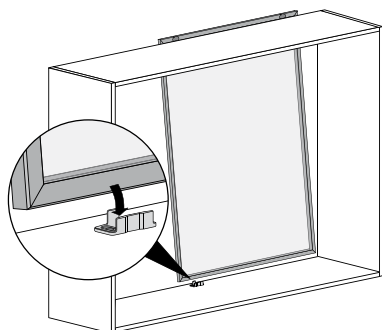
▶ SysLine S / inset door position

▶ Installation

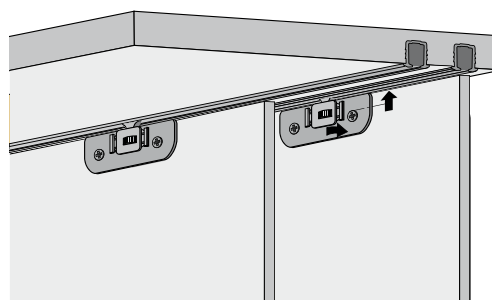
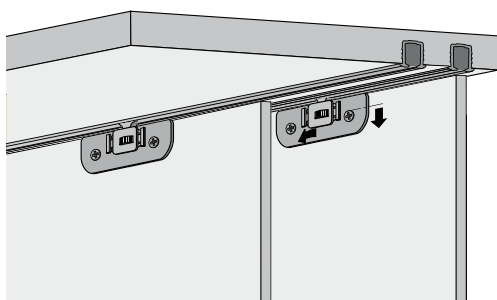
Hooking in wooden doors



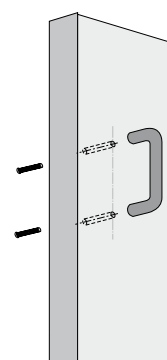
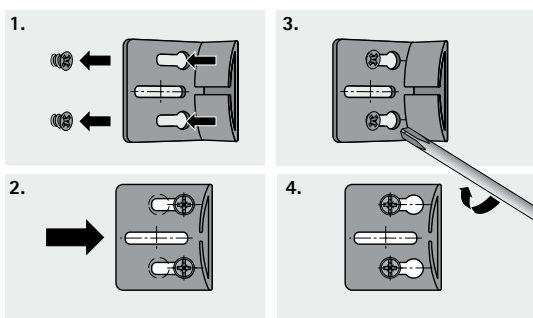
Hooking in aluminium framed doors



Height adjustment



Installing door stop / spacers and handles



Sliding door system / bottom running

- ▶ SlideLine 97 / Inset door position
- ▶ All the benefits at a glance



Stunning look for glass.

The SlideLine 97 glass sliding door fitting lets you create glass display cabinets in a class of their own. The glass doors are guided in specially designed convex profiles – providing precision, secure running action. With a feel of luxury second to none: ball bearings with steel outer ring and sound absorbing plastic sheathing ensure permanently smooth and quiet running performance. For 5, 6 or 8 mm glass and doors weighing up to 25 or 50 kg.



Sound and secure: SlideLine 97 for inset, bottom running glass sliding doors.



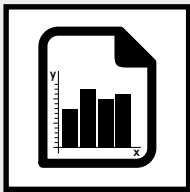
Customised and fast: cost effective solutions with the modular system.



Guarding against unauthorised access: the Prestige 2000 cylinder push lock.

Sliding door system / bottom running

- ▶ SlideLine 97 / Inset door position
- ▶ Summary



Performance summary

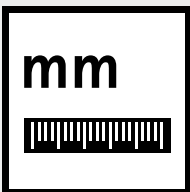
68 – 69

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



System components

70 – 73



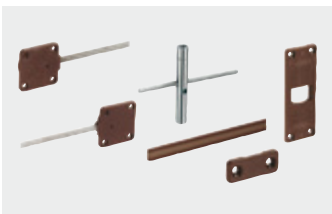
Planning dimensions

74 – 75



Installation

76



Accessories

98 – 99



Technical information

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

100 – 101

102 – 104

105

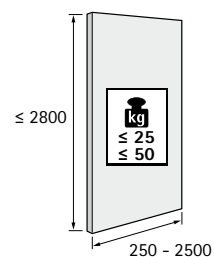


- ▶ SlideLine 97 / Inset door position
- ▶ Performance summary

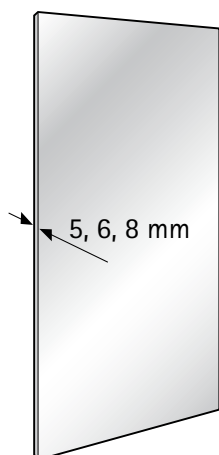
Technical details in brief

- ▶ Door weight no more than 25 kg or 50 kg per glass door
- ▶ Suitable for glass thicknesses 5, 6 and 8 mm
- ▶ Running components with plastic sheathed ball bearing
- ▶ Door height up to 2800 mm
- ▶ Door width 250 - 2500 mm
- ▶ Lockable with Prestige 2000 cylinder push lock
- ▶ Tested to EN 15706, Level 2

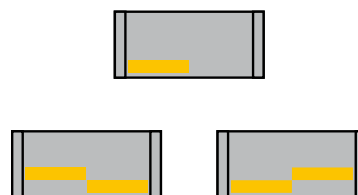
Door format and door weight



Door material



Number of door wings and door position

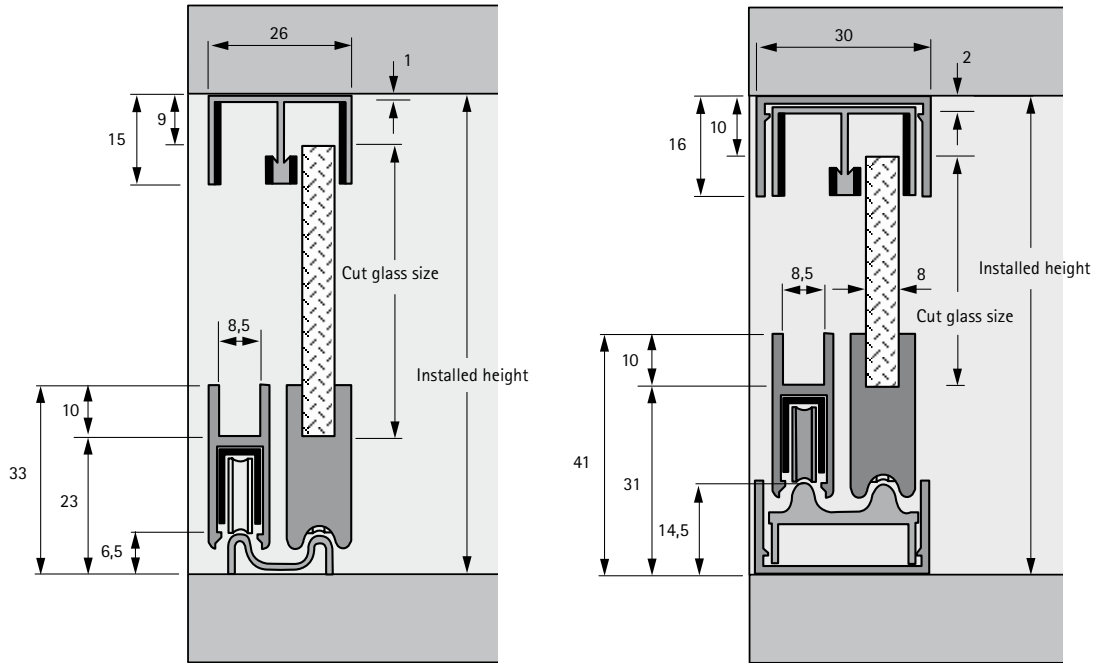


Sliding door system / bottom running



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

Operating principle



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

Double guide profile, flock-coated



- ▶ Length 2500 mm
- ▶ Covered with protective film
- ▶ Aluminium, silver anodized

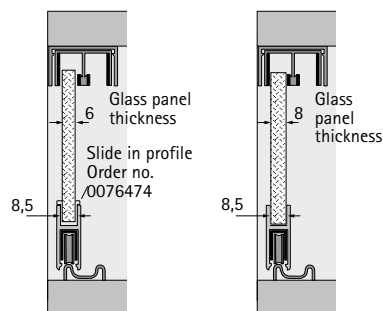
Order no.	PU
48965	1/4 ea.

Slide in profile



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

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



Frame profile



- ▶ Length 2500 mm
- ▶ Covered with protective film
- ▶ Aluminium, silver anodized

Order no.	PU
48969	1/4 ea.

Sliding door system / bottom running

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

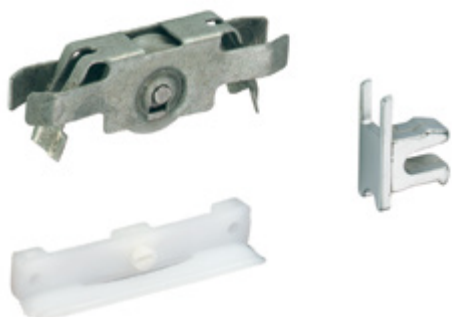
Running component



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

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

Maximum load per door	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
- ▶ Transparent plastic

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

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

Double runner rail



- ▶ Length 2500 mm
- ▶ With double-sided adhesive tape for fast installation
- ▶ Aluminium, silver anodized

Order no.	PU
48972	1/4 ea.

Frame runner profile



- ▶ Length 2500 mm
- ▶ Aluminium, silver anodized

Order no.	PU
48971	1/4 ea.

Running component handle



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

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

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

Adapter for cylinder push lock



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

Order no.	PU
0 076 482	1 ea.

Cylinder push lock

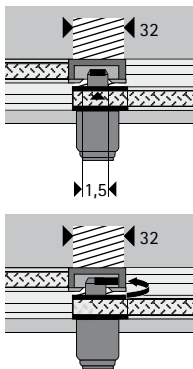


- ▶ For glass up to 8 mm thick
- ▶ Can be mounted on left and right
- ▶ Matt chrome plated
- ▶ Please order Z 23 barrel separately

Page reference:

- ▶ For barrel Z 23, see pages XXX
- ▶ Suitable for use with SlideLine 97, see pages XXX

Order no.	PU
0 076 483	1 ea.



Special tool



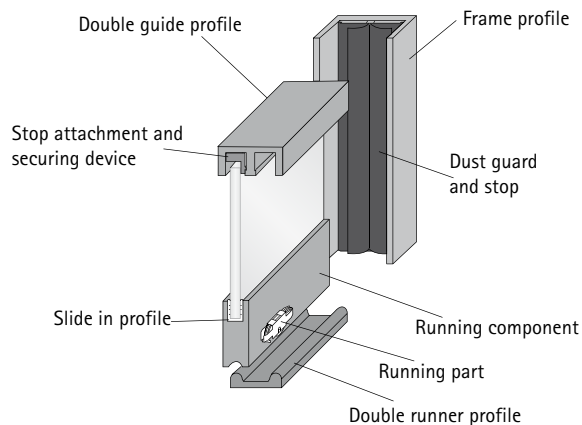
- ▶ For easy installation of the running parts into the running component
- ▶ galvanised

Order no.	PU
0 076 484	1 ea.

Sliding door system / bottom running

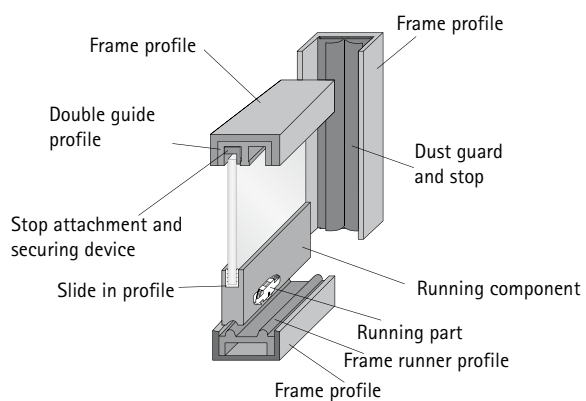
- ▶ SlideLine 97 / Inset door position
- ▶ Planning dimensions

Basic version



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

Basic version with all round frame profile

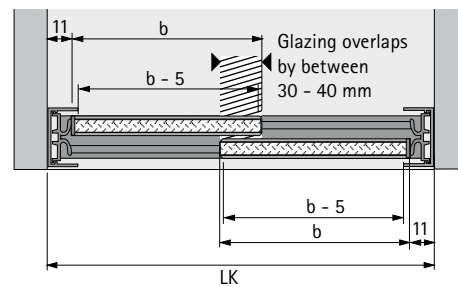


Cut glass size without slide in profile: installed height – 41 mm
Cut glass size with slide in profile (0 076 474): installed height – 42.5 mm

Sliding door system / bottom running

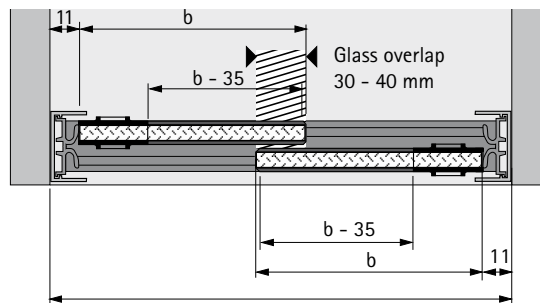
- ▶ SlideLine 97 / Inset door position
- ▶ Planning dimensions

Mounting option with end plates 0 076 480



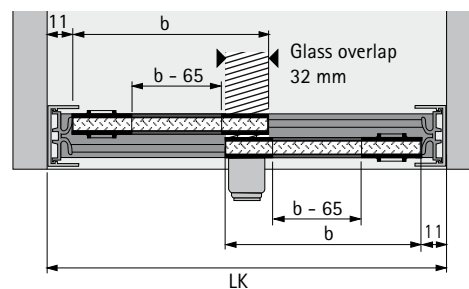
b = Cut glass size

Mounting option with running component handle 0 076 481 and end plate 0 076 480



b = Cut glass size

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



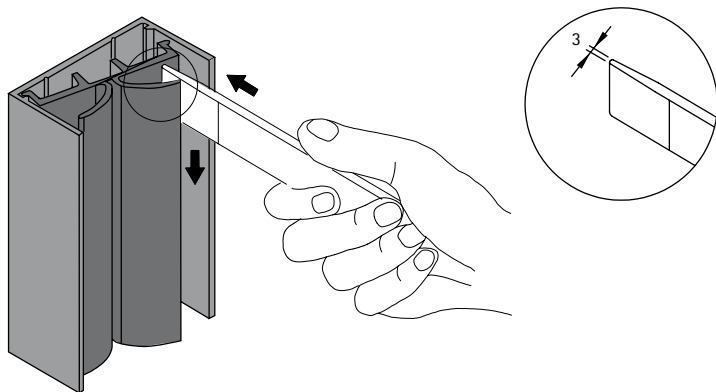
b = Cut glass size
If the inside carcase dimension is an uneven number, it must be rounded down to the nearest even number.

Sliding door system / bottom running

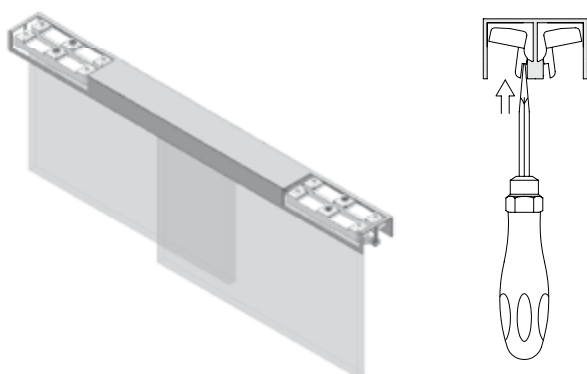
▶ SlideLine 97 / inset door position

▶ Installation

Installing dust guard and stop

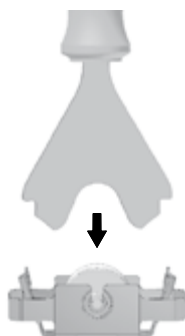


Installation of door damper and lift off guard

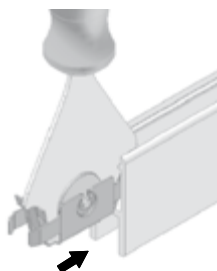


Installation running part

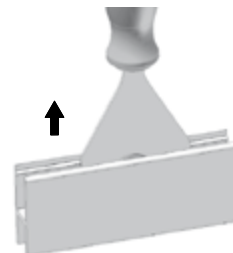
1. Fit



2. Insert



3. Remove



Folding door system

- ▶ WingLine 26 / side mounted
- ▶ All the benefits at a glance



Economic miracle. Reliable system providing excellent value for money: the WingLine 26 folding door system manages without a bottom guide. Given its uncomplicated design, the WingLine 26 system is also often used for a bottom guide – where it complements the top running WingLine 770 / 780.



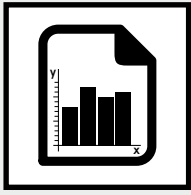
Good basis: WingLine 26 is the preferred option for the bottom guide.



Destined for greater things: WingLine 26 is also suitable as a top runner system for small doors.

Folding door system

- ▶ WingLine 26 / side mounted
- ▶ Summary



Performance summary

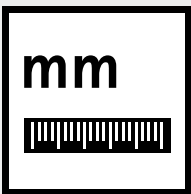
80 – 81

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



System components

82



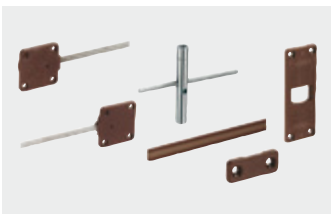
Planning dimensions

83



Installation

84 – 85



Accessories

98 – 99

Folding door system

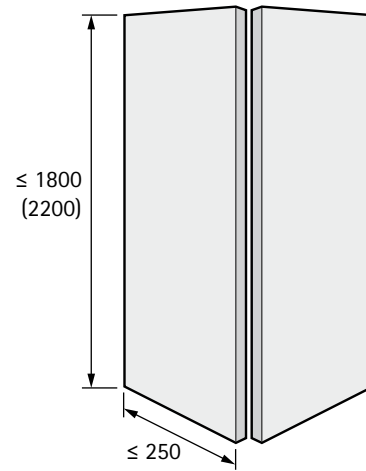


- ▶ WingLine 26 / side mounted
- ▶ Performance summary

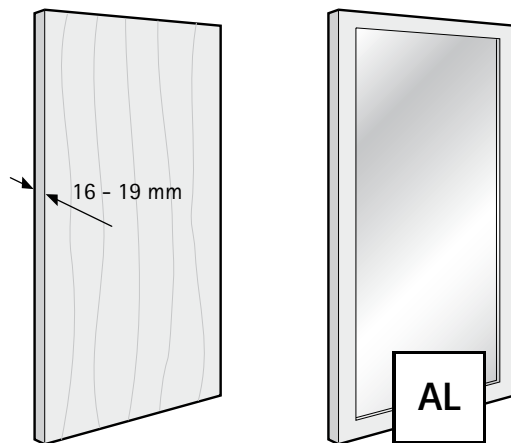
Technical details in brief

- ▶ For 1 folding door with 2 wings
- ▶ Overlay door position
- ▶ For wooden doors or wood / aluminium framed doors
- ▶ Suitable for use with Sensys hinge with Silent System
- ▶ Door wing weight depends on hinges
- ▶ Door height up to 1800 mm (2200 mm with bottom guide)
- ▶ Door wing width up to 250 mm
- ▶ Ideal as bottom guide for WingLine 770 / WingLine 780
- ▶ Tested with 40000 cycles

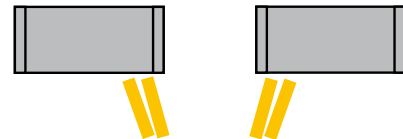
Door size and door weight



Door material



Number of door wings and door position

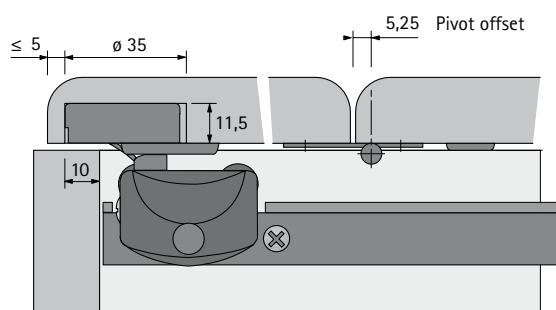
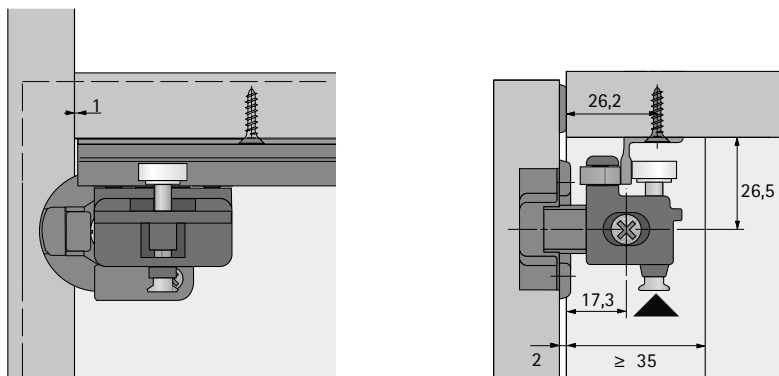


Folding door system

- ▶ WingLine 26 / side mounted
- ▶ Performance summary



Operating principle / 1 folding door with 2 wings



Folding door system

- ▶ WingLine 26 / side mounted
- ▶ System components

Guide component for fast installation



- ▶ For fast installation
- ▶ With 3 runner rollers and 1 concealed hinge
- ▶ Steel, nickel plated
- ▶ Silver / plastic, grey

Hinge side of cabinet	Order no.	PU
left	9 237 432	1/10 ea.
right	9 237 431	1/10 ea.

Centre hinge 625



- ▶ Centre hinge for folding doors
- ▶ Can be installed at the centre or with pivot offset
- ▶ Top running performance due to abrasion-resistant distance rings with pivot bearing
- ▶ With fixed steel pin
- ▶ Steel, nickel plated

Order no.	PU
0 071 648	1/10 ea.

Centre hinge with adjustable pivot offset



- ▶ Centre hinge for folding doors
- ▶ For door thicknesses over 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 screwing on	0 046 787	1/10 ea.
for pressing in	0 052 095	1/10 ea.

Guide profile



- ▶ For screwing on, screw on positions predrilled
- ▶ Length 2400 mm

Order no.	PU
0 072 919	1/4 ea.

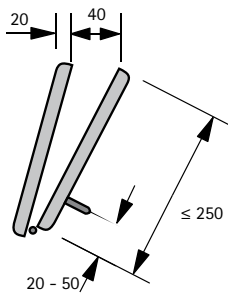
Length mm	Finish	Order no.	PU
2400	silver	9 237 990	100 ea.
2400	white	9 244 905	100 ea.

Folding door system

- ▶ WingLine 26 / side mounted
- ▶ Planning dimensions

Installation dimensions for WingLine 26

2-wing door set

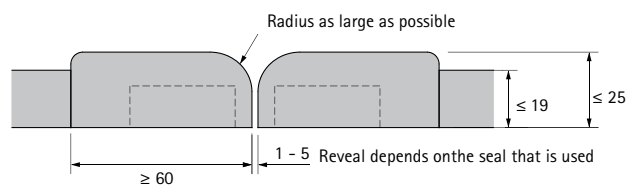
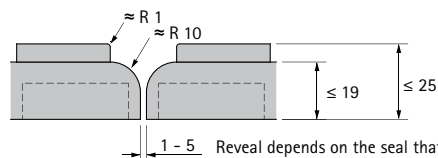
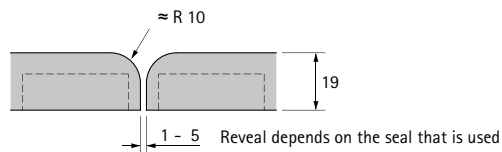


2-wing folding door

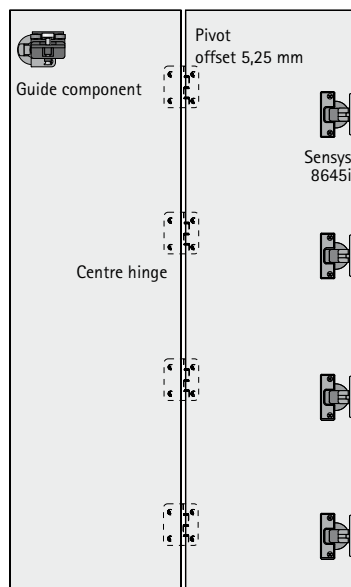
Door width 500 mm max.

Door wing height from 800 to 1800 mm

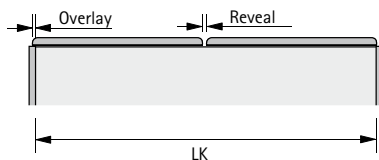
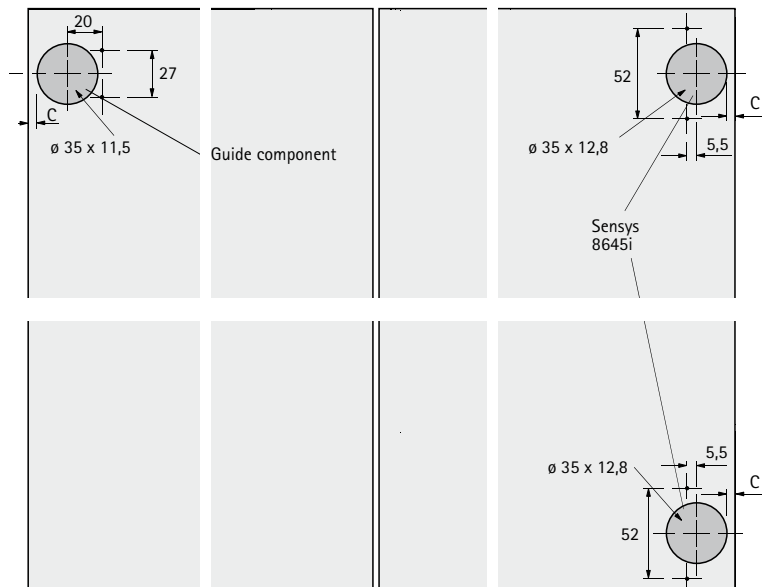
Door wing contours and reveals (as finger protection)



2-wing folding door



Drilling patterns



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

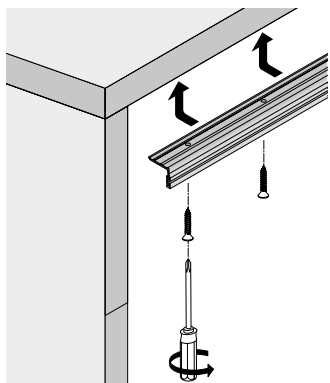
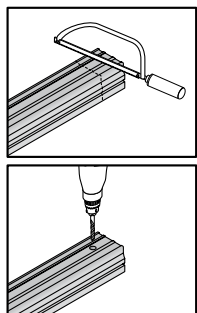
* Overlay: max. 15 mm, C dimension 5 mm

Hinges / mounting plates should be ordered separately

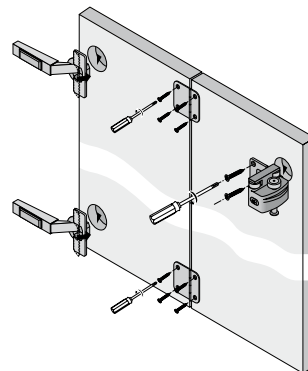
Folding door system

- ▶ WingLine 26 / side mounted
- ▶ Installation

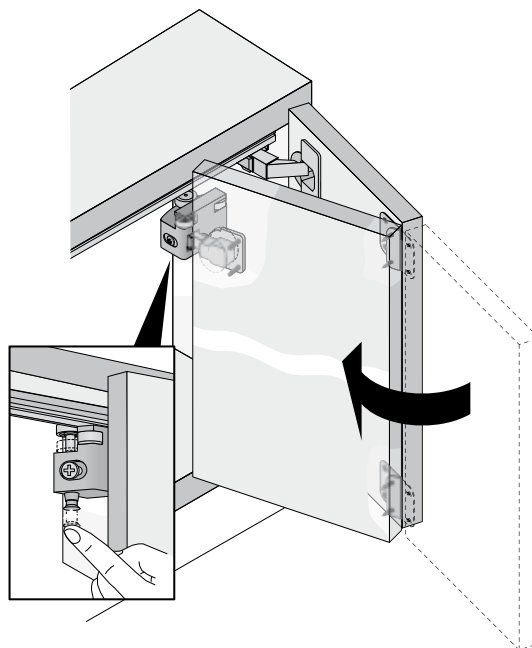
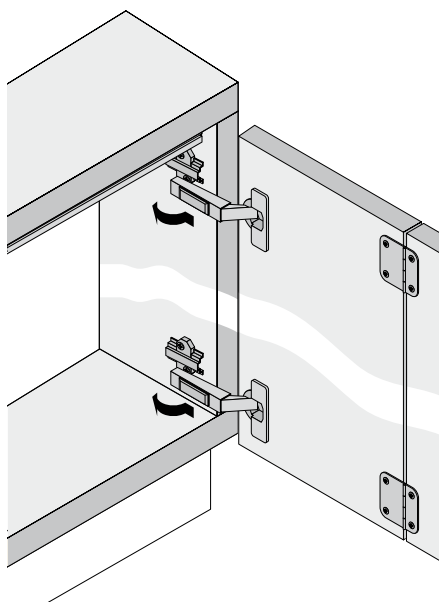
Installing runner profile



Preparing door set



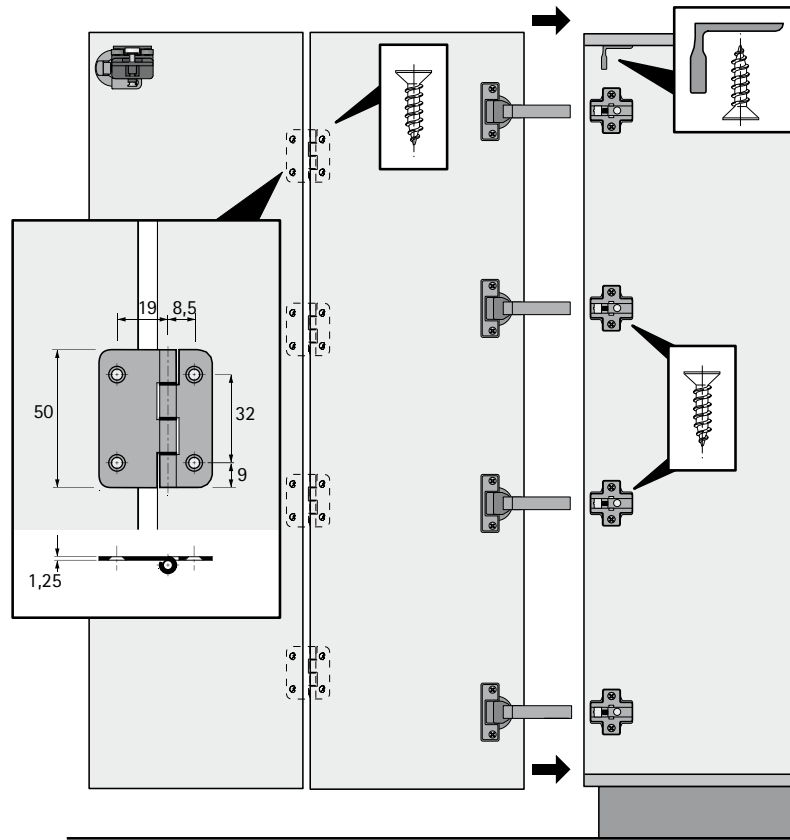
Installing door set



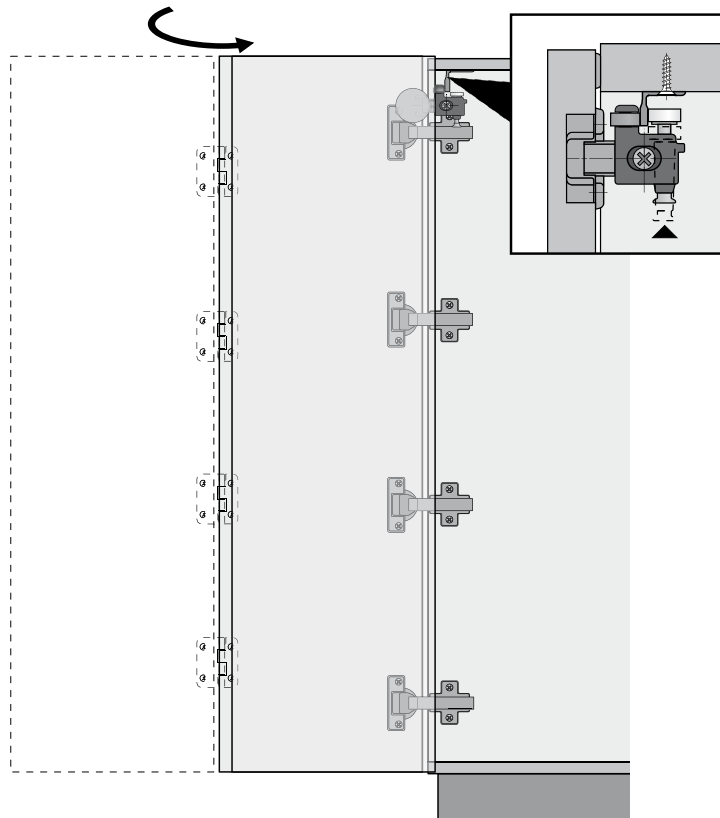
Folding door system

- ▶ WingLine 26 / side mounted
- ▶ Installation

Installing door set



Installing guide components



Folding door system

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



Fantastic flexibility. 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! Door sets can also be interlinked. Surprise your customers individually tailored folding door solutions for the bedroom or office. Wing 77 gives you the design flexibility to do so.



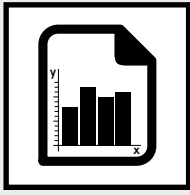
Leaves a good impression: Design flexibility with up to 4 door wings. No mounting to carcass side.



Tried and proven: sturdy runner profile on the top panel as well as bottom guide.

Folding door system

- ▶ Wing 77 / freely moveable
- ▶ Summary



Performance summary

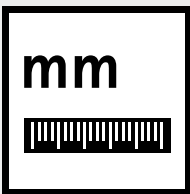
88 – 89

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



System components

90 – 91



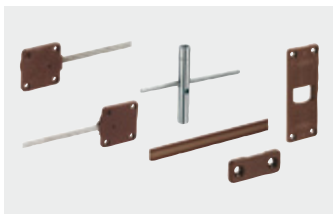
Planning dimensions

92 – 93



Installation

94 – 96



Accessories

98 – 99



Technical information

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

100 – 101

102 – 104

105

Folding door system

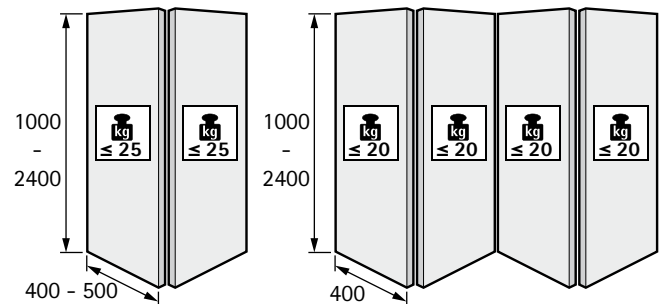


- ▶ Wing 77 / freely moveable
- ▶ Performance summary

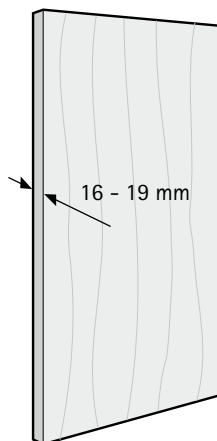
Technical details in brief

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

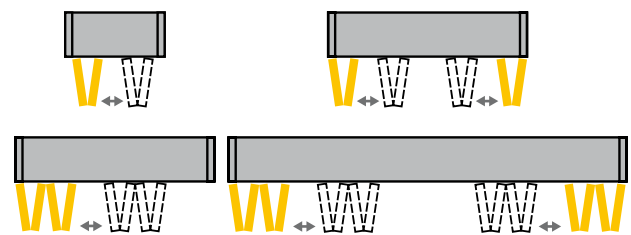
Door format and door weight



Door material



Number of door wings and door position

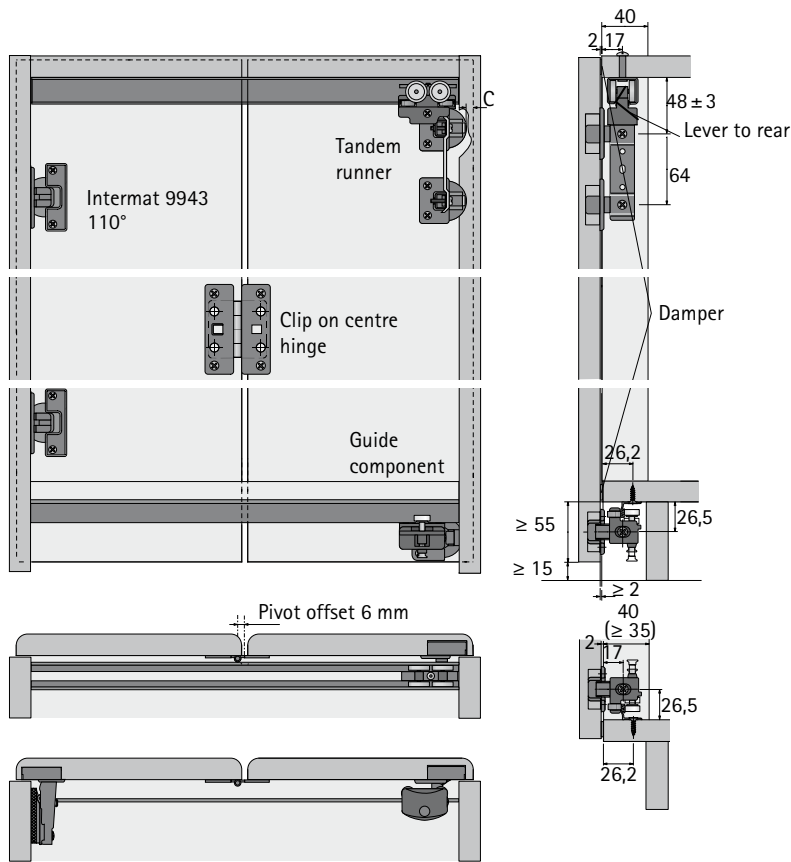


Folding door system

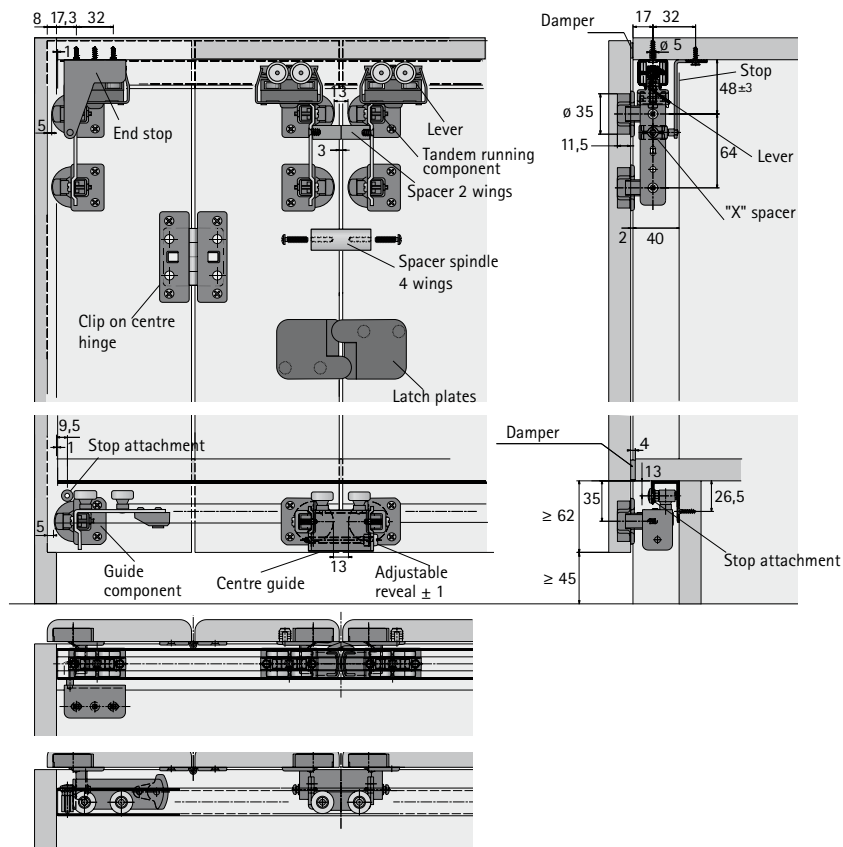
- ▶ Wing 77 / freely moveable
- ▶ Performance summary



Operating principle / 1 folding door with 2 wings



Operating principle / 1 folding door with 4 wings



Folding door system

- ▶ Wing 77 / freely moveable
- ▶ System components

Set 1 Wing 77



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

Set comprises:

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

Advice:

- ▶ Please order profiles separately

Order no.	PU
0 070 986	1 set

Set 2 Wing 77



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

Set comprises:

- ▶ 4 tandem running components for fast installation
- ▶ 4 supports for running component with + / - 5 mm height adjustment capability
- ▶ 1 spacer spindle for tandem running component
- ▶ 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 carcass) for positioning at the top and bottom on each door wing
- ▶ Fixing material

Advice:

- ▶ Please order profiles separately

Order no.	PU
0 070 987	1 set

Folding door system

- ▶ Wing 77 / freely moveable
- ▶ System components

Guide profile



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

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

Runner profile



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

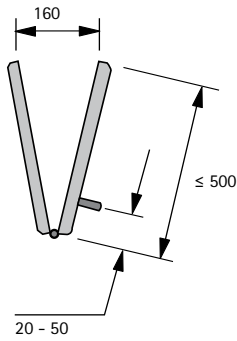
Order no.	PU
9 193 574	1/4 ea.

Folding sliding door system

- ▶ Wing 77 / freely moveable
- ▶ Planning dimensions

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

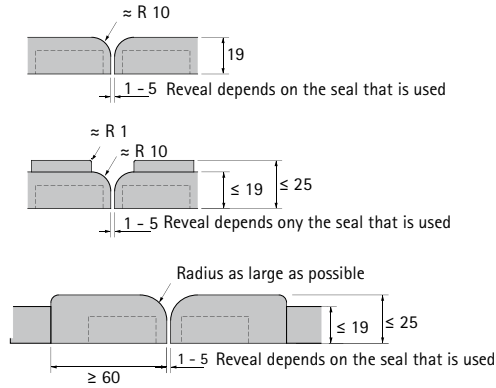
2-wing door set



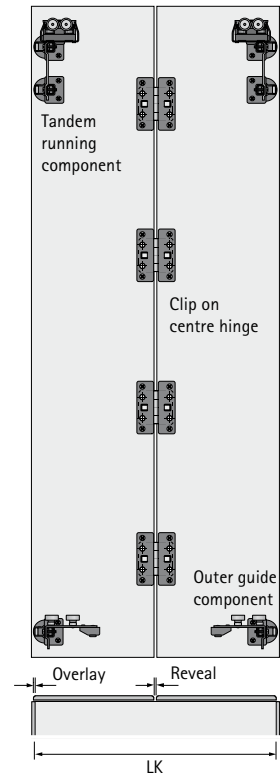
2-wing folding door

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

Door wing contours and reveals (as finger protection)



2-wing folding door

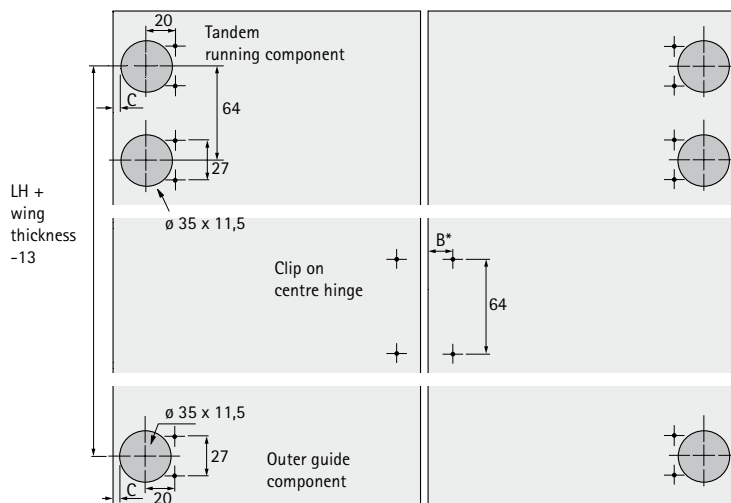


Calculation of door width / door wing width

Door width = inside 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



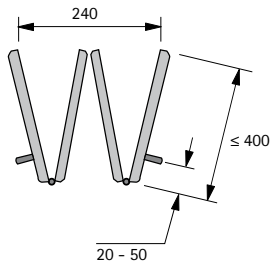
Drill hole spacing * mm	16,5	17	17,5	18	18,5
Reveal mm	5	4	3	2	1

Folding sliding door system

- ▶ Wing 77 / freely moveable
- ▶ Planning dimensions

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

4-wing door set



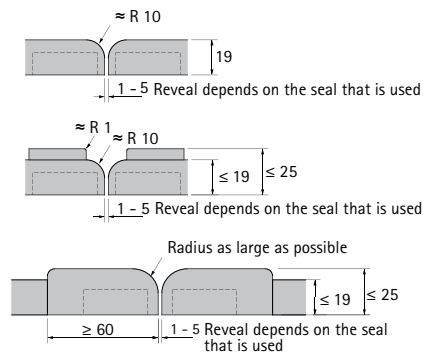
4-wing folding door

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

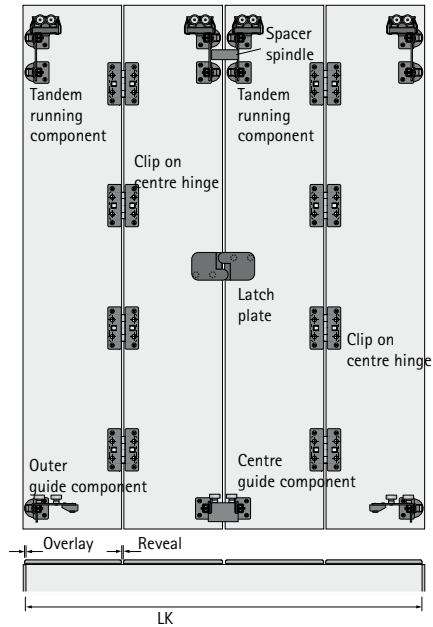
Calculation of door width / door wing width

- Door width = inside carcase width + (2 x overlay*)
- Door wing width = (inside carcase width - 3 x reveal + 2 x overlay*) ÷ 2
- * Overlay: max. 15 mm, C dimension 6 mm

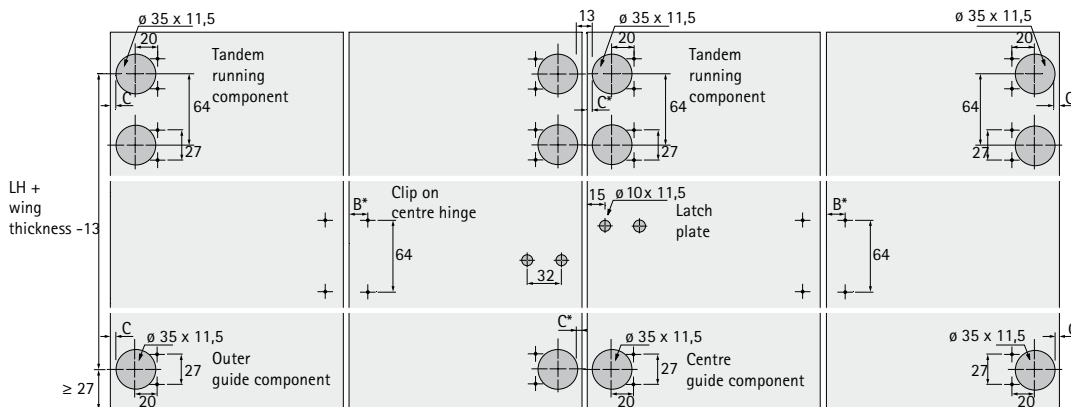
Door wing contours and reveals (as finger protection)



Folding door with 4 wings



Drilling patterns

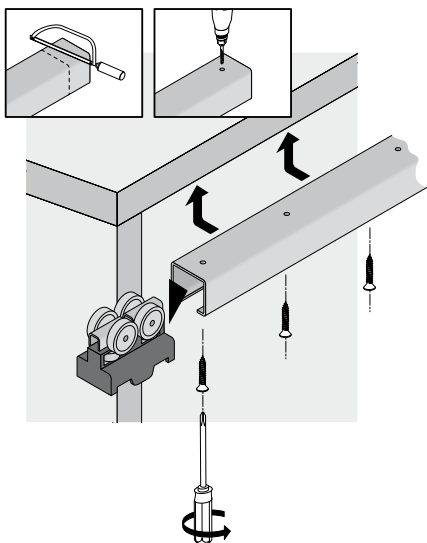


* B drill hole spacing mm	16,5	17	17,5	18	18,5
* C drill hole spacing mm	4	4,5	5	5,5	6
Reveal mm	5	4	3	2	1

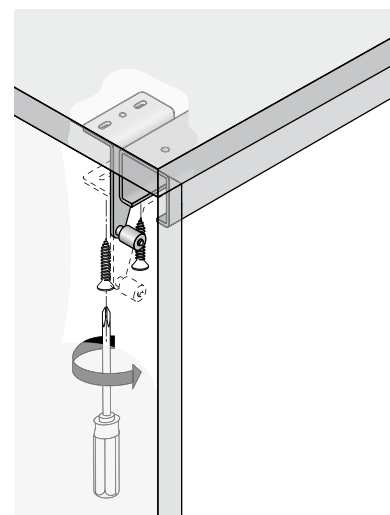
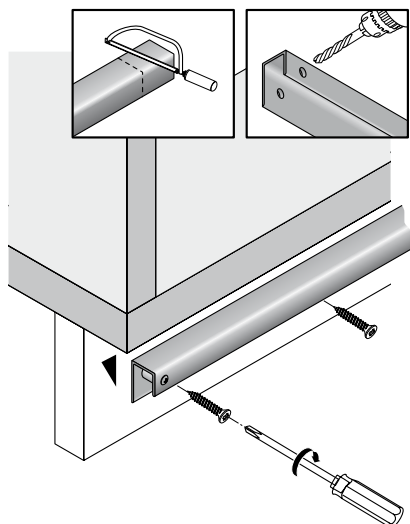
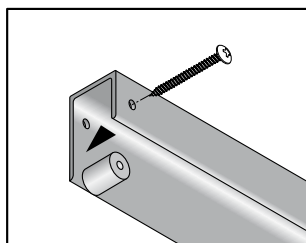
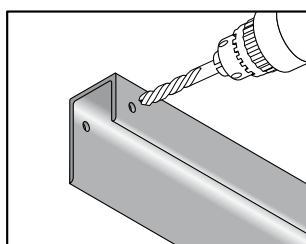
Folding sliding door system

- ▶ Wing 77 / freely moveable
- ▶ Installation

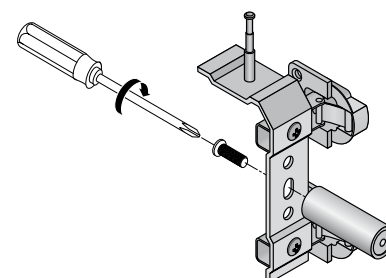
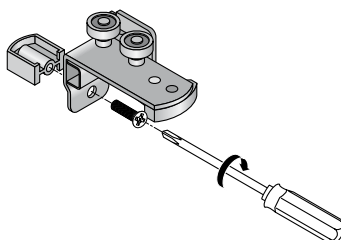
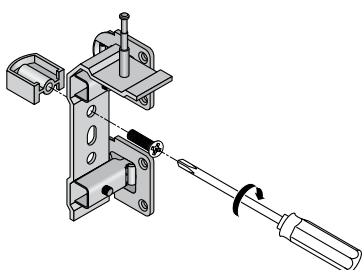
Installation runner profile



Installation runner profile and end stop



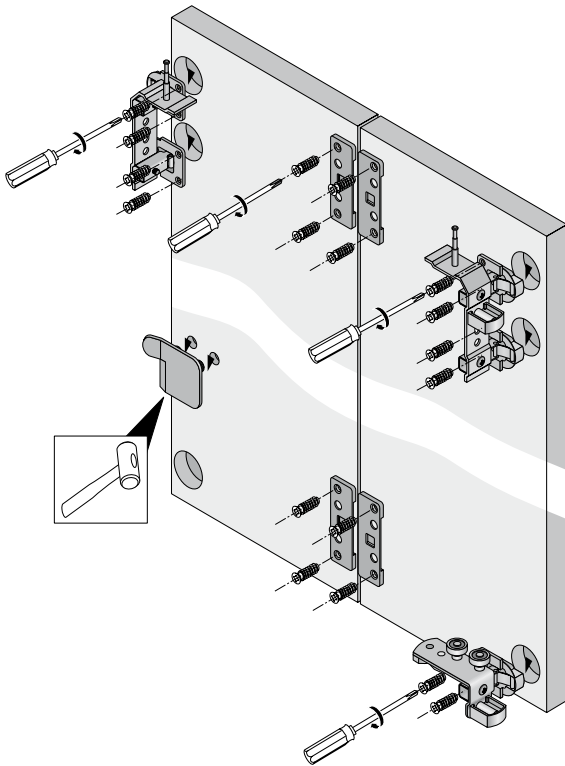
Installation spacers and spacer spindle



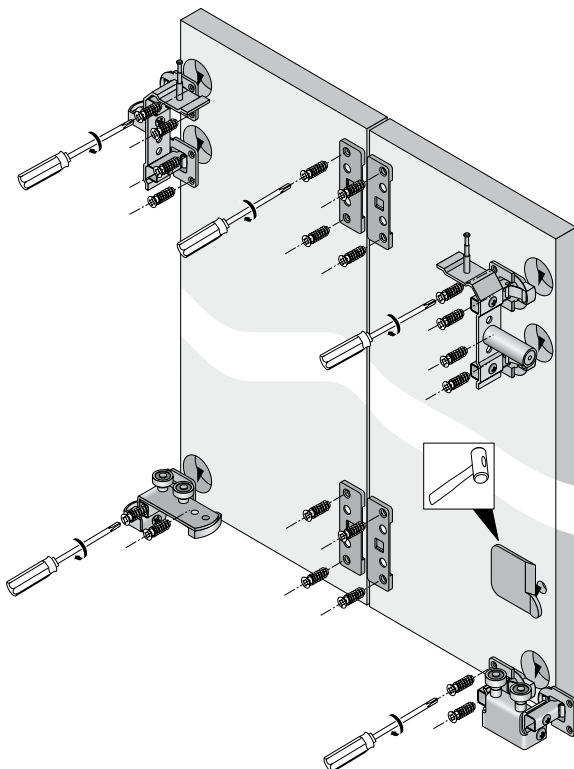
Folding sliding door system

- ▶ Wing 77 / freely moveable
- ▶ Installation

Preparing door set, left



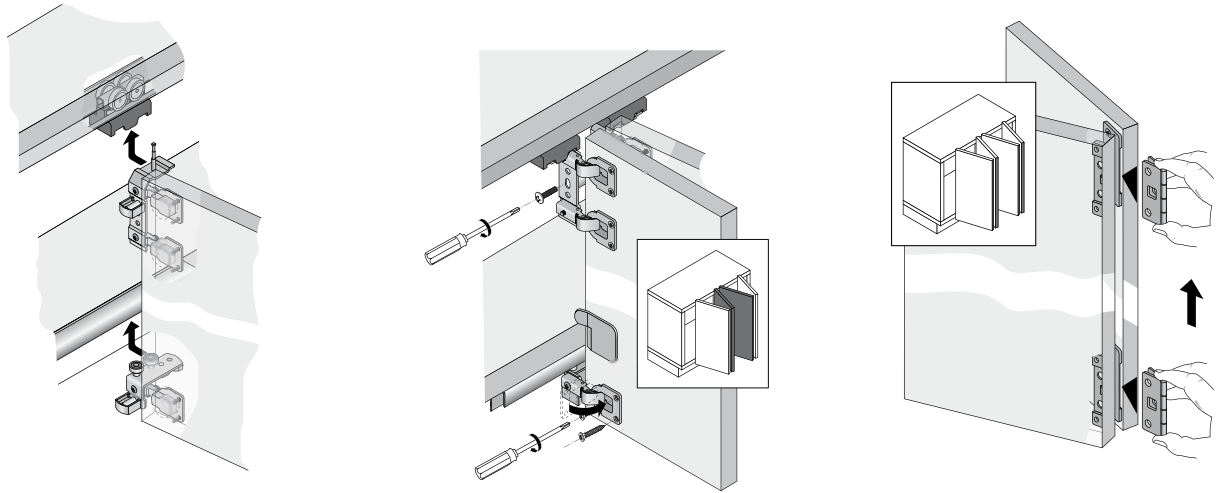
Preparing door set, right



Folding sliding door system

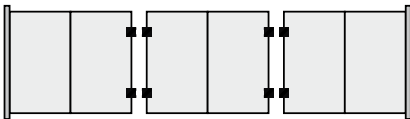
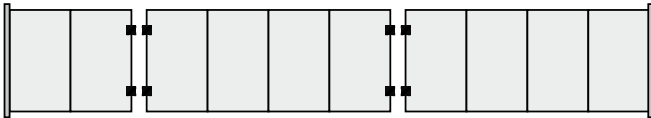
- ▶ Wing 77 / freely moveable
- ▶ Installation

Installation door sets



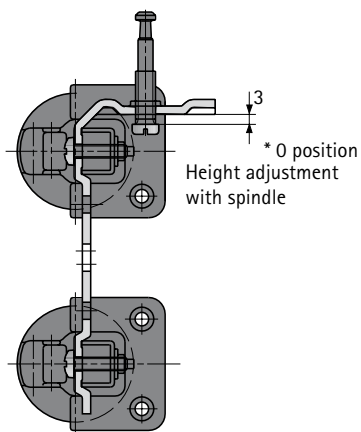
Door combinations

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



Installation information

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



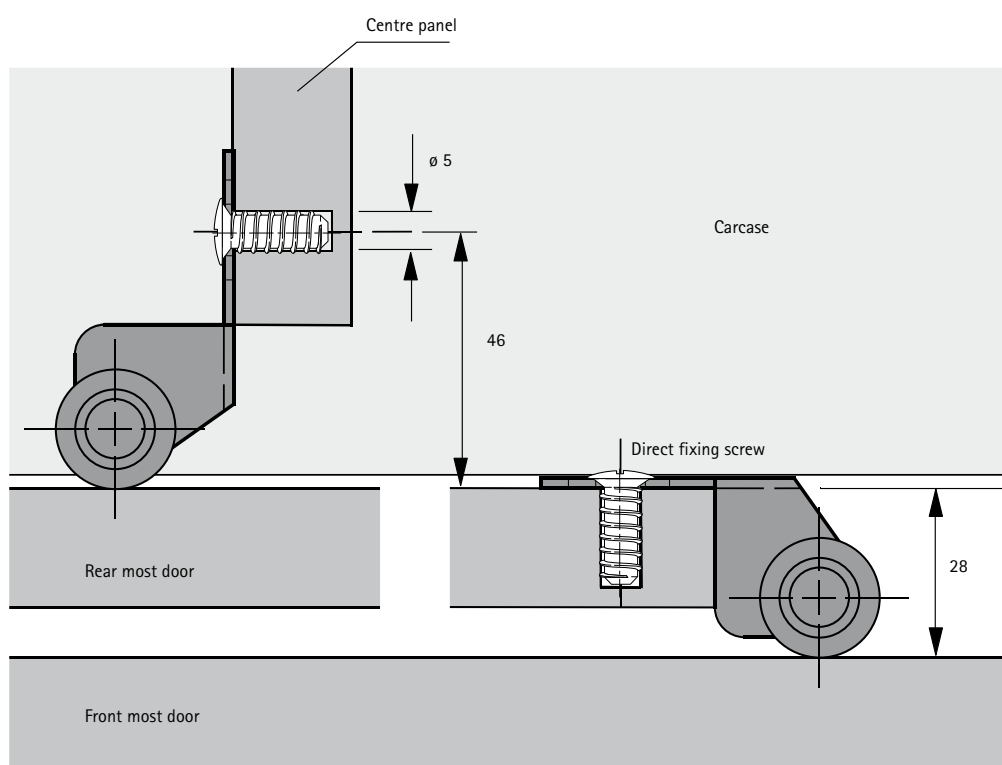
Spacer roller



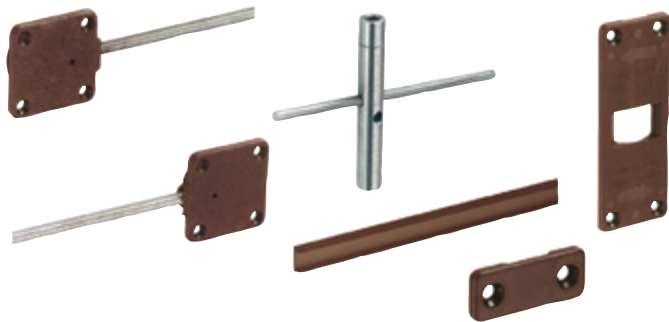
- For tall sliding doors
- Galvanised steel

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

Technical information



Adjustment fitting, plastic



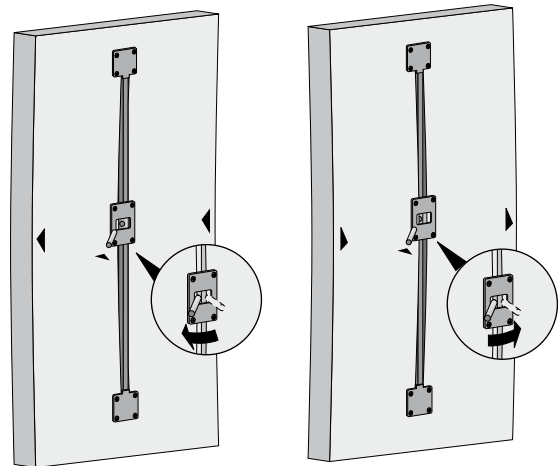
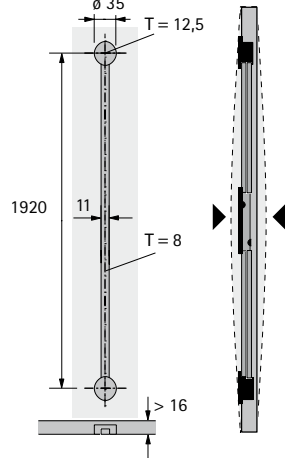
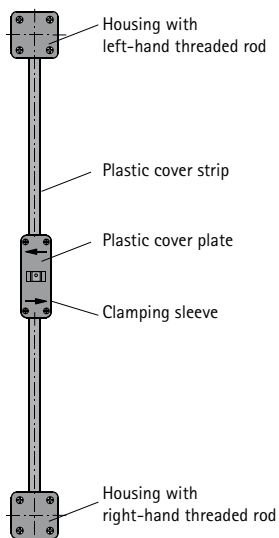
- For straightening distorted furniture doors
- Can also be used as a precautionary measure to prevent doors from warping
- For door / front panel thicknesses from 16 mm
- Maximum door / front panel height 2600 mm
- Installing the fitting is simple and straightforward: a pair of threaded rods, one with 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
- 1 housing with left-hand threaded rod
- 1 clamping sleeve
- 1 plastic cover plate
- 2 plastic cover strips
- 2 retainers for cover strips

Order no.	PU
0 045 198	2 set

Technical information



- ▶ Technical information
- ▶ Calculating door weights

Weight table for chipboard 19 mm

Door weight in kg (density = 700 kg/m³)

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

Weight table for MDF 19 mm

Door weight in kg (density = 900 kg/m³)

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

- ▶ Technical information
- ▶ Calculating door weights

Adjustment to different material thicknesses

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

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

Formula for conversion

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

Example

Chipboard door

H x W x D = 2000 x 1800 x 16

Weight shown in table for this door size, but material in a thickness of 19 mm = 47.9 kg

Convert to 16 mm door thickness using factor of 0.84 as shown in table on left

Door weight = 47.9 kg x 0.84 = 40.2 kg

Calculating weights of doors in alternative door materials

Density of various materials in kg/m³

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/m³
Door height: 2000 mm, door width: 1800 mm, material thickness: 6 mm

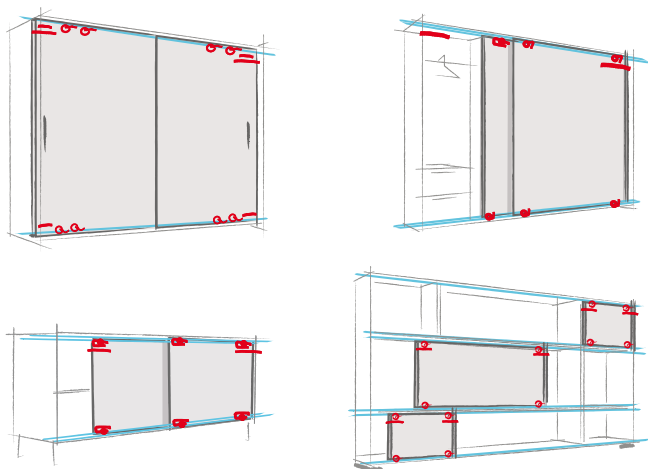
$$\text{Door weight [kg]} = \text{Height [m]} \times \text{Width [m]} \times \text{Material thickness [m]} \times \text{Density [kg/m}^3\text{]}$$

25,9 kg = 2 x 1,8 x 0,006 x 1200

Sliding door systems

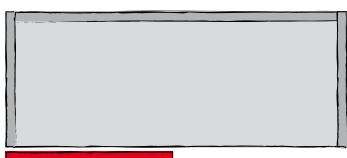
- ▶ Technical Information
- ▶ Design advice

Always the best system



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

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



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

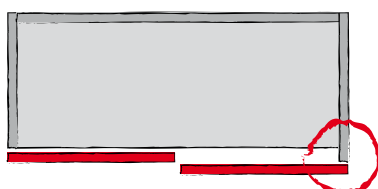


Multi-track sliding doors can close off the entire furniture carcass. At least two doors run in profiles installed one behind the other. Ideal for office cabinets, wardrobes and pantry units: the closed doors conceal the cabinet's entire contents, creating a neat and tidy look in a matter of seconds.



Flush fitted sliding doors are a special innovative type that also close off the complete carcass. The closed cabinet front panel forms an absolutely flat surface, reducing reveals to a minimum. An option for the most exacting demands on design. The doors run in a single track; on opening, however, a special mechanism automatically allows them to run one behind the other.

Option 2: overlay or inset sliding doors



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

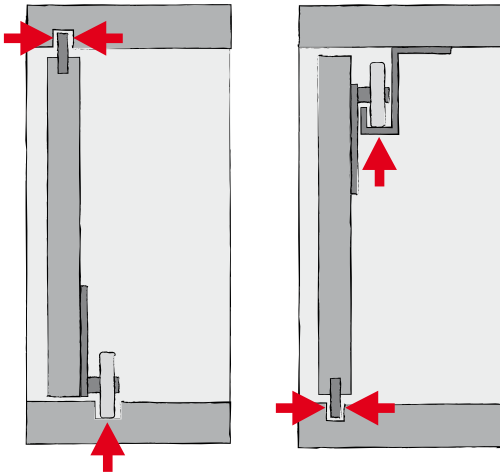


Inset sliding doors, in contrast, move between the carcass sides, the top panel and the bottom panel. The carcass elements are visible from the front, also influencing the design of furniture. The carcass sides are of identical depth.

Sliding door systems

- ▶ Technical Information
- ▶ Design advice

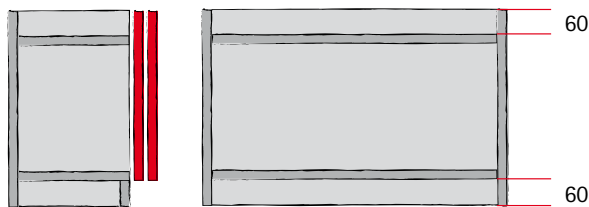
Option 3: bottom running or top running sliding doors



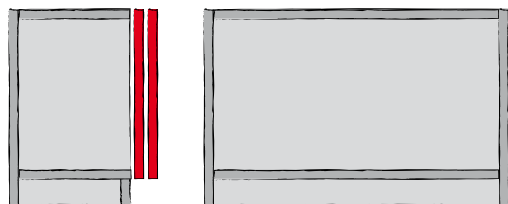
Bottom running sliding doors stand on rollers along their bottom edge and are stabilised by a guide at the top edge of the door. Given the uncomplicated carcass construction, predominantly low door weights and straightforward installation, bottom running doors are seen as the optimum gateway to constructing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

Top running sliding doors are suspended from the top panel. A guide at the bottom panel prevents the doors from wobbling. The fitting components can be positioned unobtrusively at the top and bottom panel – for furniture designed with a look of harmony. Top running sliding doors are ideal for heavy doors, e.g. in large wardrobes.

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

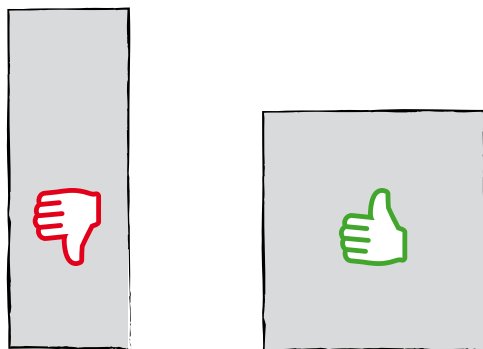


With a simple trick, the fitting technology can be installed largely **out of view on the top panel**: the top panel is lowered by 60 mm. Proviso: the piece of furniture is a tall cabinet with a top panel that is positioned out of sight.



On low cabinets, the top panel is always visible. In this case, carcass and top panel are conventionally mounted at right angles and the fitting technology is either attached **in front of or in the top or bottom panel**. The doors close flush at the top – a neat looking solution. Incidentally: the cabinet here is designed in the same way as hinged door cabinets. Benefit: subsequent conversion from hinged door to sliding door system can be done with little effort.

Option 5: sliding door format and material

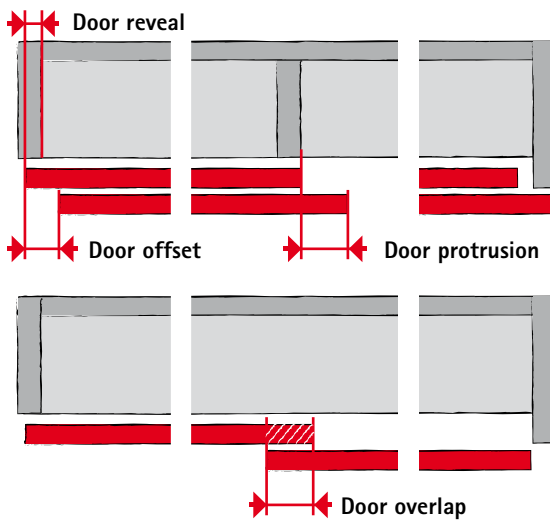


Key to selecting the appropriate system: format and material of the sliding door. In terms of format, bear in mind that wider doors run far more stably than narrow, tall sliding doors. Rule of thumb: the sliding door width should be at least half the height of the door.

Sliding door systems

- ▶ Technical Information
- ▶ Design advice

Definition of important dimensions

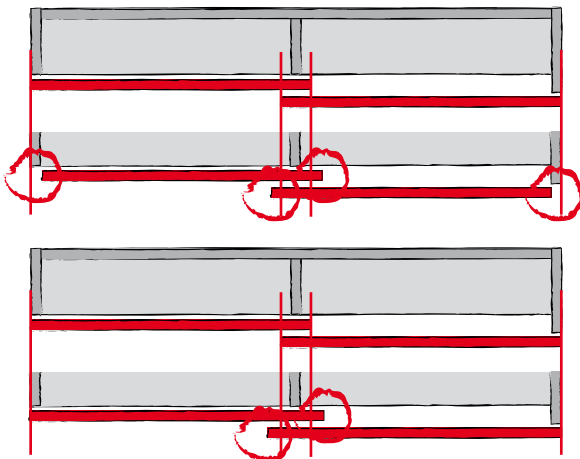


The **door reveal** is the extent to which the door overlaps the carcass side. The **door protrusion** is the measure of opened door offset to the centre panel.

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

Door overlap is the surface of the rear most door that is permanently covered by the front most door. The overlap should be approx. twice as large as the gap between front most door and rear most door to avoid being able to see inside the cabinet through the gap. On aluminium framed doors, frame width is often taken as the overlap. This positions the upright frame sections of the front most door and rear most door exactly in front of one another down the middle of the cabinet.

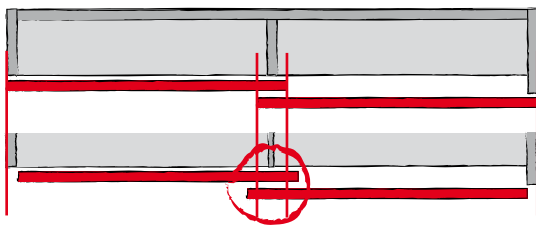
Door reveal as a variable influencing door protrusion



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

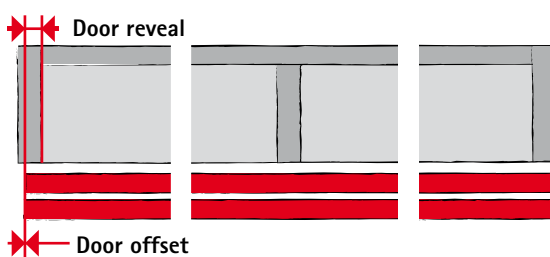
Increasing the door overlap on account of a larger door increases the door protrusion.

The centre panel as a variable influencing door protrusion



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

Design with flush opening doors



The rear door must produce the same door reveal as the forward door. It must be noted here that this requires the use of special profiles.

Sliding door system

- ▶ Technical information
- ▶ Quality criteria

Quality that meets all the demands

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

Load capacity

The values stated in the catalogue for Hettich sliding door systems comprise the permissible total weight of the door in combination with the permitted door sizes. All Hettich sliding door systems pass the overload test to EN 15706¹. 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

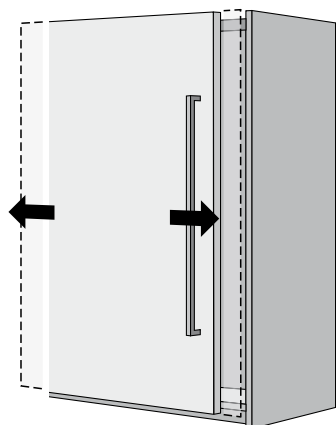
Endurance test

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



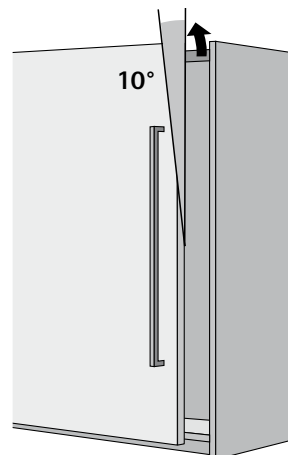
Lift off guard

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



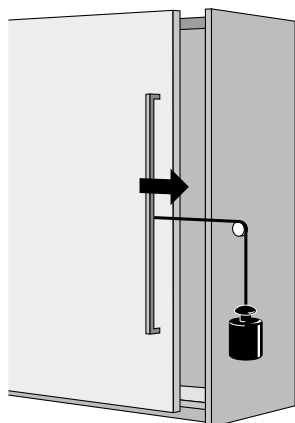
Closing test

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



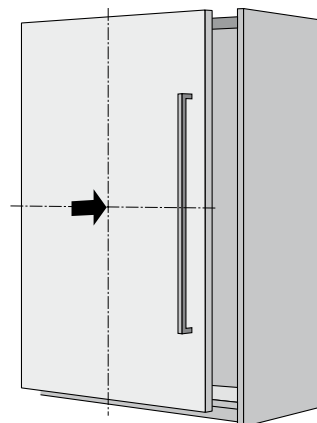
Horizontal safety test

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

Level 1: 150 N

Level 2: 200 N

Level 3: 250 N



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Hettich New Zealand
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