

Manual Sliding Door Systems

Technical brochure

MUTO
RS 120/
RS 120 Synchro
MANET Compact/
Concept
RSP 80

Content



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Manual sliding door system with track rail system



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Manual sliding door system with clamp fittings and cover profile



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Single-point fitting system, stainless steel, for manual sliding doors



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Manual sliding door system with single-point fittings, aluminium



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Design your rooms the way you want them

Whether for living or office areas, wherever elegant transitions from one room to another need to be provided, toughened glass assemblies offer the architectural elegance of open, transparent, inviting access.

Sliding doors also add a certain lightness and a more generous appearance to small rooms. Easy-to-install solutions mean that your space-defining idea in glass can be readily made reality.

MUTO

The manual sliding door system for timber panels. Compact, flexible and with a wide range of options. Simple installation and adjustability from the front. Convenience "Comfort" options such as automatic closing function and integrated battery-operated lock eliminating the need for an external power supply MUTO is also available as telescopic variant.

Applications and features	MUTO M 50	MUTO L 80	MUTO Premium XL 80/150
Suspended sliding door	●	●	●
Integrated / concealed carrier	●	●	●
1 panelled sliding door	●	●	●
Two panelled bi-parting sliding door		●	●
Integrated locking device		●	●
Status indicator		●	●
Suspended ceilings		●	●
Self-Closing			
Synchro version		●	●
Telescopic function (panel moves in sync)			
End-position engage cushioning	●	●	●
Installation at wall	●	●	●
(Installation at wall; version with large glass-to-wall clearance for bridging existing frames) + direct track fixing to wall			
Installation at ceiling	●	●	●
Fixed at glass		●	●
Safe use of laminated safety glass elements		●	●
Timber sliding door possible		●	●
Curved systems			
Panel attachment with no glass preparation ¹⁾	●	●	●
Max. sliding panel weight (kg)	50	80	80 / 150
Min. sliding panel width (mm)	without DORMOTION 660 ³⁾	660 ³⁾	660 ³⁾
	with DORMOTION 905 ³⁾	660	810 / 1,020 ³⁾
Max. sliding panel width (mm)	1,300	1,500 (max. 2,000) ⁴⁾	1,500 (max. 2,500) ⁴⁾
Max. sliding panel height (mm)	2,500	3,000	3,000
Glass thicknesses (mm) sliding panel	8, 10	8 – 13.5	8 – 13.5
Glass type	TSG	TSG / LSG ^{4) 5)}	TSG / LSG ^{4) 5)}
Wood thickness (mm) sliding panel	28 – 50	28 – 50	28 – 50
Glass thicknesses (mm) integrated sidelights	8 – 13.5	8 – 13.5	8 – 13.5
Page	22	28	44

- 1) Glass machining only necessary for individual thumbturn or other handle types.
- 2) 120 kg for glass or timber panels with two carriers. 150 kg for glass panels with three carriers.
- 3) To ensure optimal operation, we recommend an aspect ratio of 1:2 or 1:3
- 4) LSG with accessory set LSG
- 5) LSG consisting of 2 x TSG

RS 120

Robust clamp-type carriers designed for glass or timber panels up to 120 kg. The visible system surface and finish is achieved on the basis of clip-on cover profiles.

MANET

With its flexible modular system, MANET offers designers plenty of scope in planning spatial configurations. The basic module is the single-point fixing inserted in countersunk holes to ensure that it is flushed with the glass surface – just one of its visual highlights.

RSP 80

This sliding door system comes with a visible roller assembly capable of carrying glass or timber door panels of up to 80 kg suspended from the track. A plastic running surface ensures a particularly smooth and quiet operation.

MUTO Premium Self-Closing 120	MUTO Premium Telescopic 80	RS 120	MANET Compact	MANET Concept	RSP 80
●	●	●	●	●	●
●	●	●			
●	● (2 panels, move in sync)	●	●	●	●
●	● (2+2 panels, move in sync)	●	●	●	●
●	●				
●	●				
●	●				
●	●				
		●			
	●				
●	●				
●	●	●	●	●	●
			●	●	○
●	●	●		●	
●	●		●	●	
●	●	●	●	●	
●	●	●		●	●
●	●	●			
120	2 x 80 Kg	80 / 120 ²⁾	100	120	180
660 ³⁾	from page 80 onwards	500 ³⁾	500 ³⁾	500 ³⁾	500 ³⁾
830 ³⁾					
1,500 ⁷⁾	from page 80 onwards	1,500 ⁶⁾	1,200 ⁶⁾	1,500 ⁶⁾	1,200 ⁶⁾
3,000	≤ 3,000 mm	3,000	2,500	3,000	2,500
8 – 13.5	8 – 13.5	8, 10, 12	8, 10, 12	8 – 17.5	8, 10
TSG / LSG ^{4) 5)}	TSG / LSG ^{4) 5)}	TSG	TSG	TSG / LSG ⁷⁾	TSG
28 – 50	28 – 50	26 – 38		20 – 40	25 – 40
8 – 13.5	8 – 13.5		10, 12	10 – 17.5	
62	78	104	114	124	154

6) For other possible glass panel widths, please consult our application technology department. The glass dimensions may differ due to the following factors: type of installation, glass tolerances, general usage considerations.
 7) Max. travel 1,450 mm
 ● Standard
 ○ Optional

Content

MUTO

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General information

- Features / Benefits
- Laminated safety glass
- Program overview
- Feasible panel width

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MUTO Comfort M 50

- Type illustrations
- Fitting modules
- Component parts

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MUTO Comfort L 80

- Type illustrations
- Fitting modules
- Component parts

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MUTO Premium XL 80/150

- Type illustrations
- Fitting modules
- Component parts

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MUTO Premium Self-Closing 120

- Type illustrations
- Fitting modules
- Component parts

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MUTO Premium Telescopic 80

- General information
- Type illustrations
- Component parts

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Accessories

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Safety-related information



MUTO

General information

MUTO

The systems are based on a thoroughly modular construction principle, enabling them to be adapted to different requirements!

Weight classes

- 50 kg
- 80 kg
- 150 kg

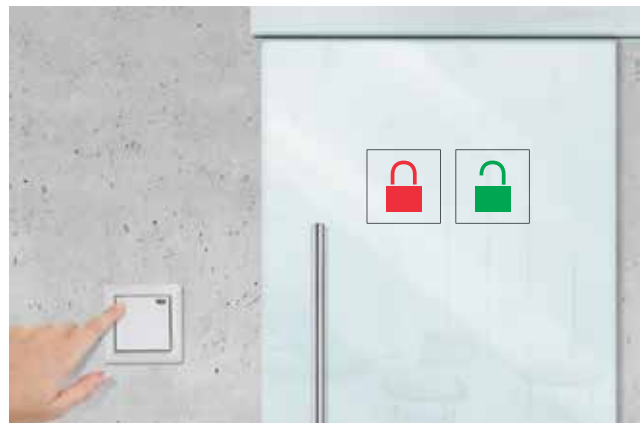
Activity rate, longevity

- ≥ 100,000 cycles
- 50 kg variant
- 80 kg variant
- ≥ 200,000 cycles
- 80/150 kg variant
- Self-Closing, max. 120 kg
- Telescopic, max. 2 x 80 kg

DORMOTION – the elegant damping mechanism



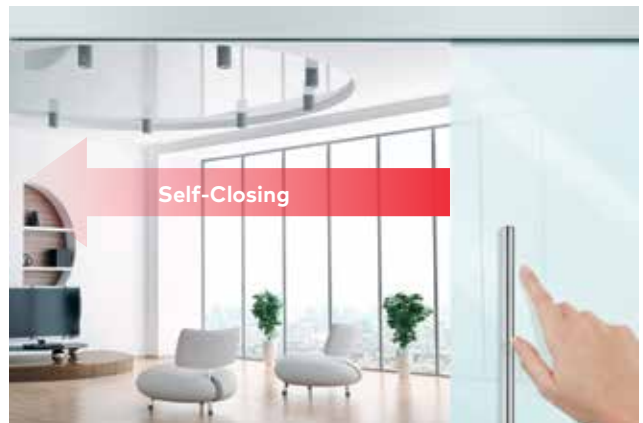
Integrated electromechanical lock – discretion assured



Status indicator – everything under control

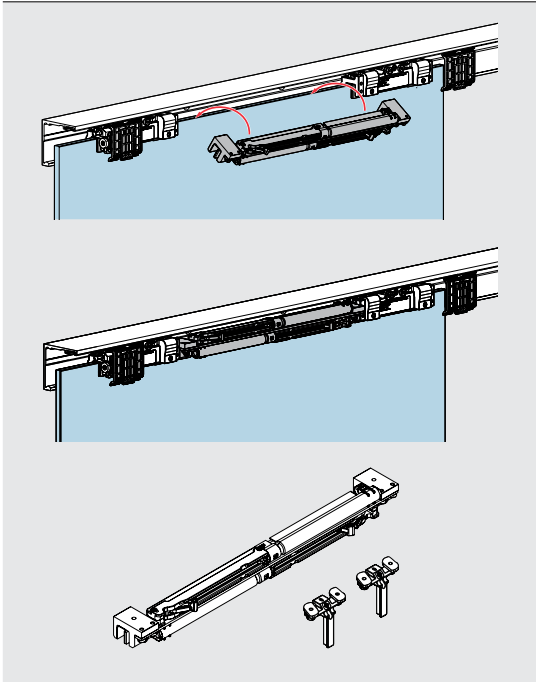


Self-Closing – hassle-free



Retrofittable and safe

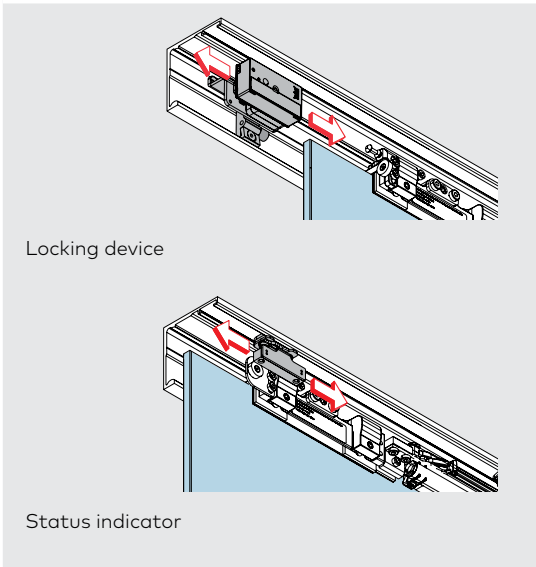
Features and data



DORMOTION

(damping mechanism)

- Retrofittable in existing systems (without the need for disassembly)
- Applies to the following "Comfort" systems:
 - MUTO Comfort M 50
 - MUTO Comfort L
 - MUTO Premium XL
 - MUTO Premium XL Telescopic



Locking device

Status indicator

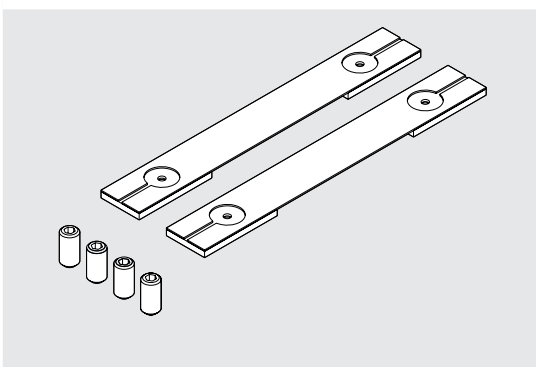
Integrated lock and status indicator

Integrated lock (only in conjunction with the DORMOTION damping mechanism)

- Retrofittable (ensure compliance with profile dimensions)
- Battery-operated
- Not suitable as a security barrier
- Not suitable for outdoor facilities
- Applies to the following "Comfort" systems:
 - MUTO Comfort L
 - MUTO Premium XL
 - MUTO Premium XL Telescopic
 - MUTO Premium Self-Closing

Status indicator (only in conjunction with the DORMOTION damping mechanism)

- Cable entry required
- Not suitable for outdoor facilities
- Applies to the following "Comfort" systems:
 - MUTO Comfort L
 - MUTO Premium XL
 - MUTO Premium XL Telescopic
 - MUTO Premium Self-Closing

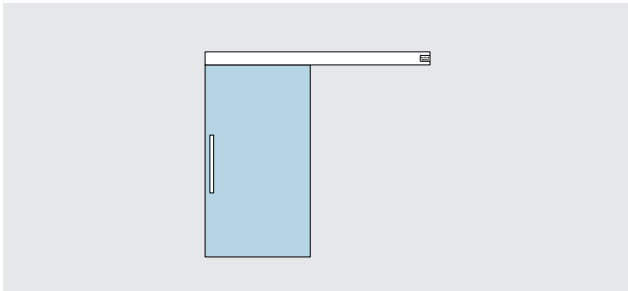


Secure hold for laminated safety glass without any mechanical glass preparation thanks to Clamp&Glue technology

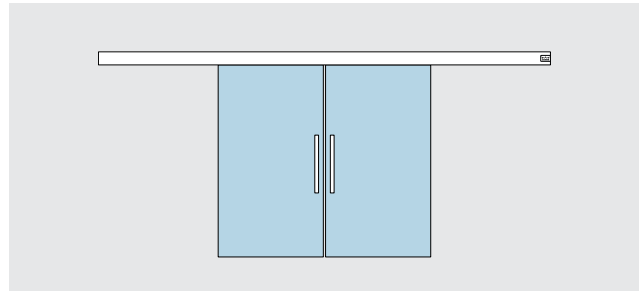
- Easy retrofitting of the carriers with LSG accessory set
- No unwanted LSG phenomena:
 - No bubble formation
 - No laminate slippage
 - No glass fracture as a result of excessive clamping forces
 - No negative influence of temperature change (foil disappears) thanks to Clamp&Glue technology
- Applies to the following "Comfort" systems:
 - MUTO Comfort L
 - MUTO Premium XL
 - MUTO Premium XL Telescopic
 - MUTO Premium Self-Closing

Installations

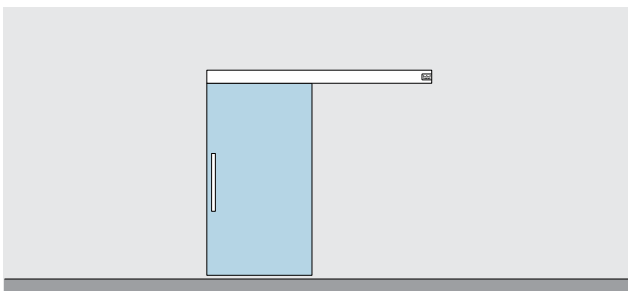
With one sliding panel



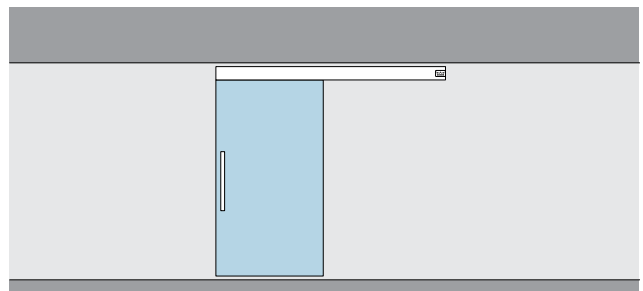
With two sliding panels



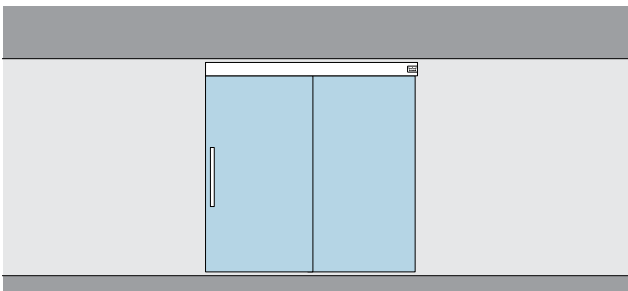
Fixed at wall



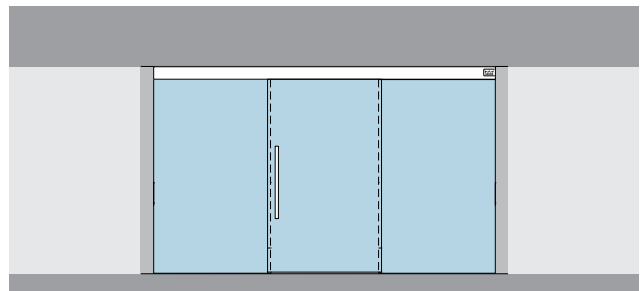
Fixed at ceiling



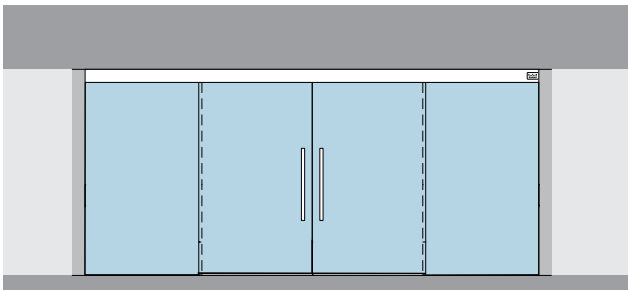
Fixed at transom with sidelight



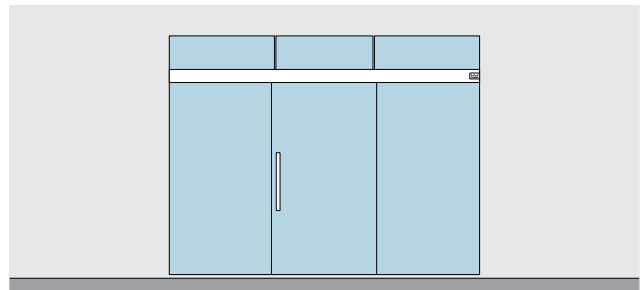
Fixed at transom with sidelight



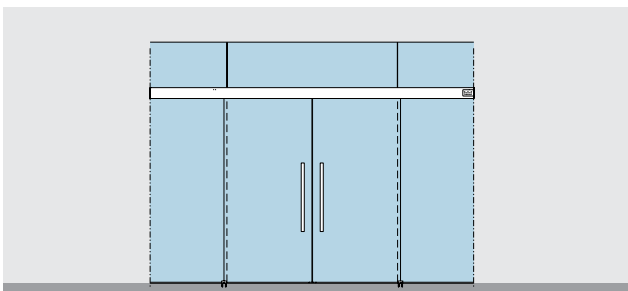
Fixed at ceiling with sidelight



Fixed at glass – with glass fanlight and glass side panels

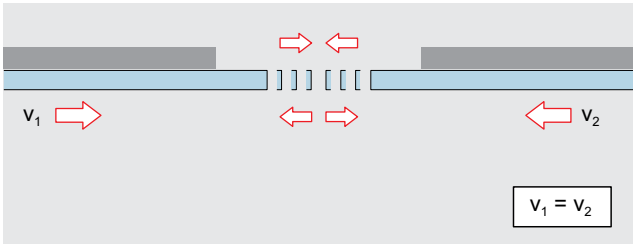
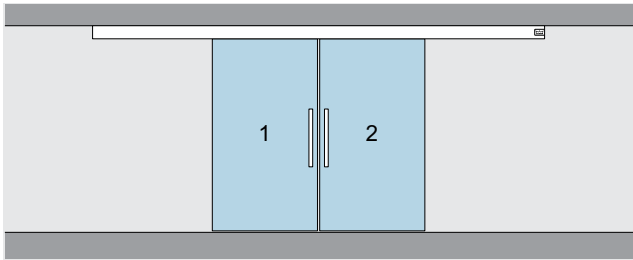


Fixed at glass – with glass fanlight and glass side panels

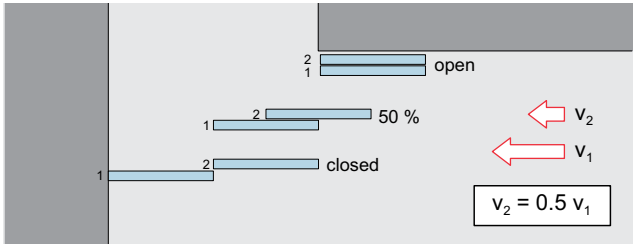
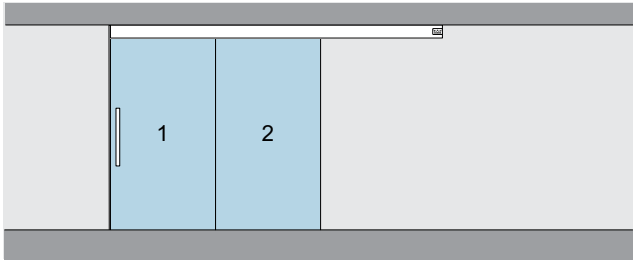


Functionalities

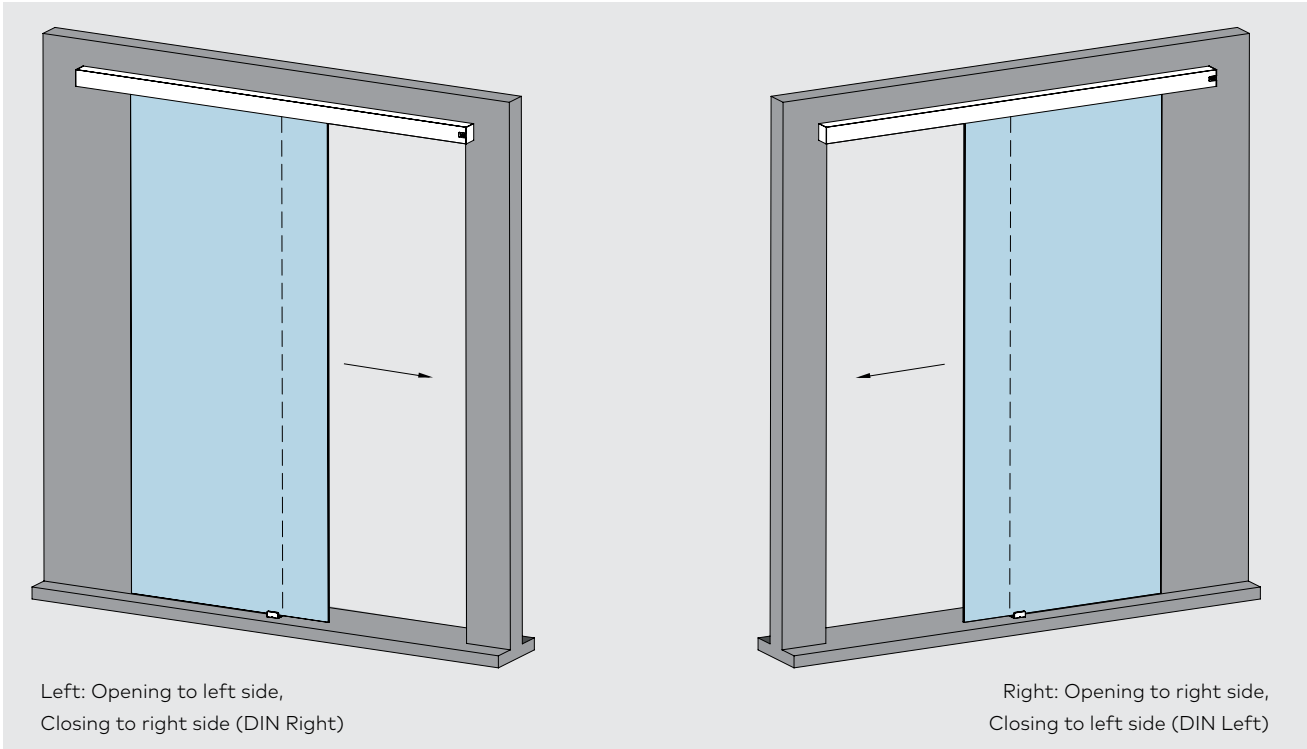
Synchro



Telescopic



Self-Closing/Telescopic

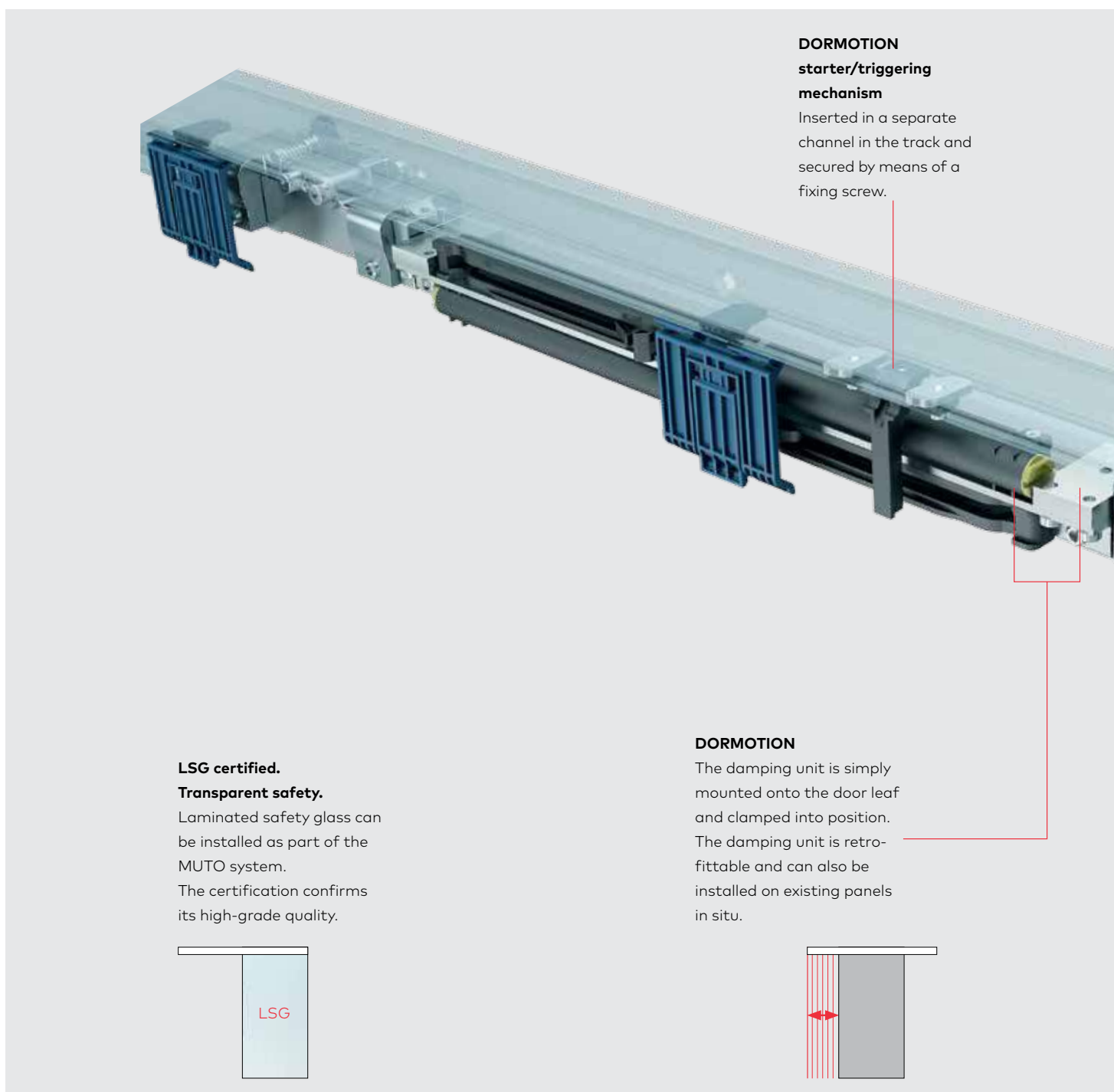


Left: Opening to left side, Closing to right side (DIN Right)

Right: Opening to right side, Closing to left side (DIN Left)

The manual sliding door system offering fast, effortless installation

MUTO – easy installation and adjustability from the front.



DORMOTION starter/triggering mechanism

Inserted in a separate channel in the track and secured by means of a fixing screw.

LSG certified.

Transparent safety.

Laminated safety glass can be installed as part of the MUTO system.

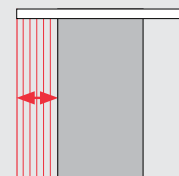
The certification confirms its high-grade quality.



DORMOTION

The damping unit is simply mounted onto the door leaf and clamped into position.

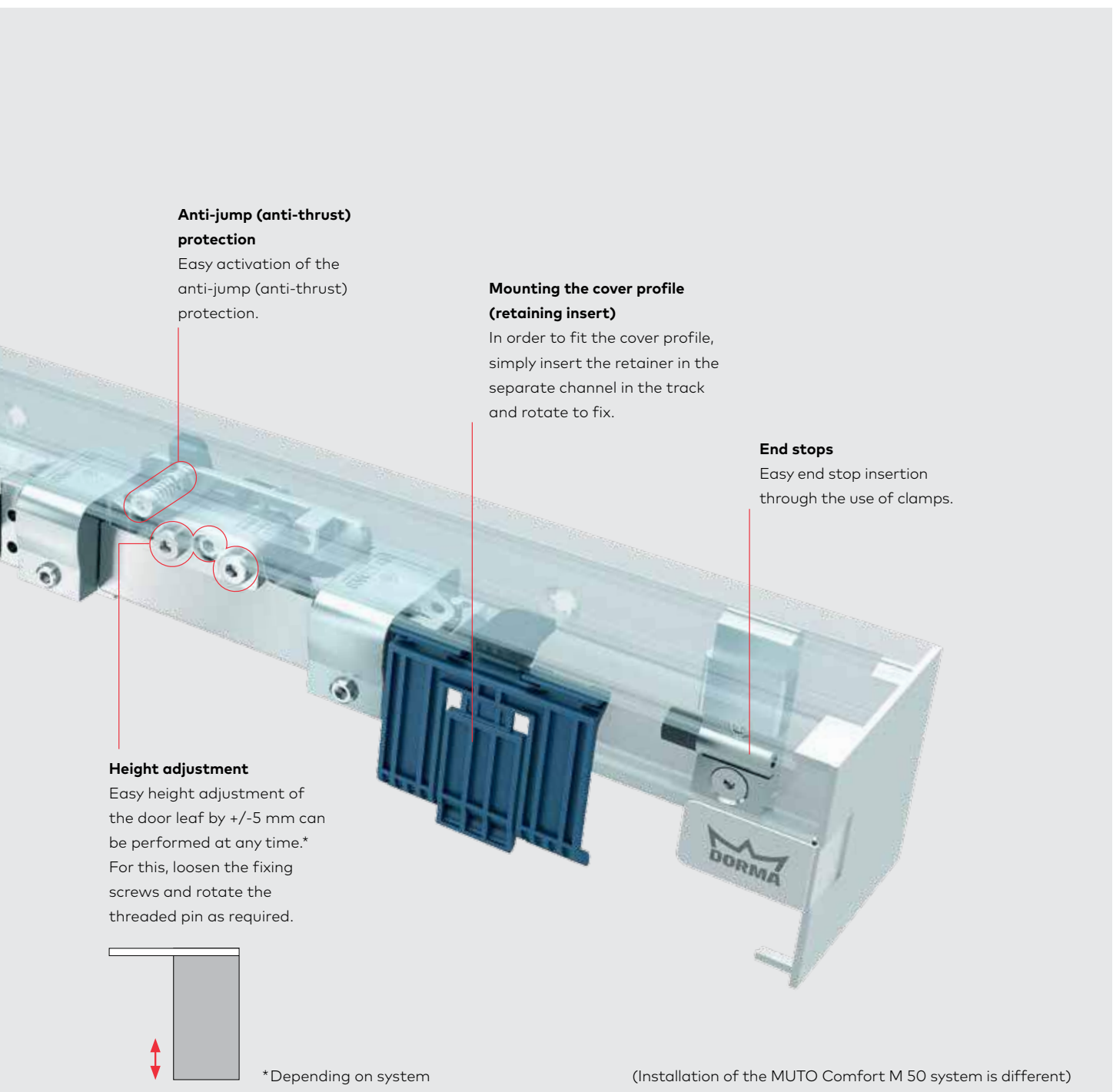
The damping unit is retro-fittable and can also be installed on existing panels in situ.



MUTO – Installation L, XL, SC, Telescopic

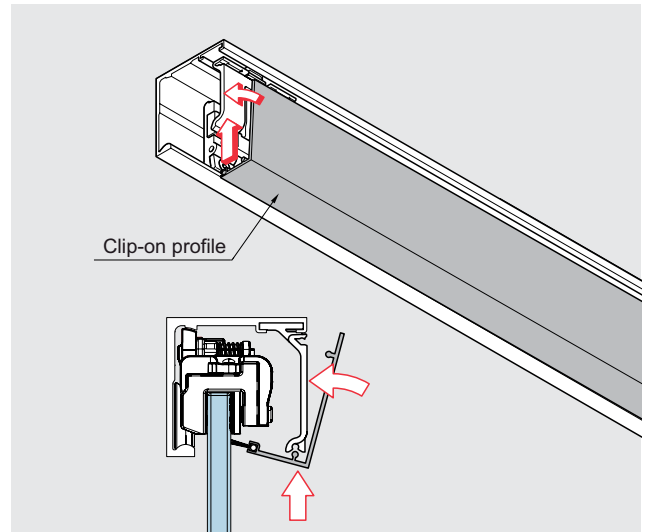
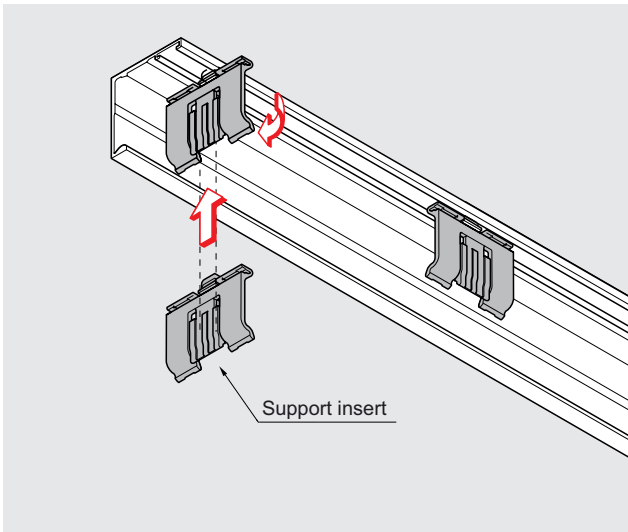
Benefits at a glance

- All adjustments can be quickly and easily performed from the front
- Certified use of laminated safety glass
- Suitable for glass and timber panels

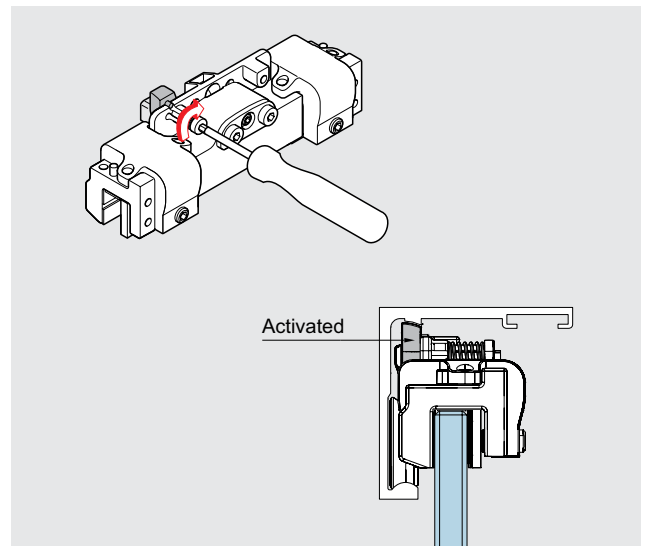
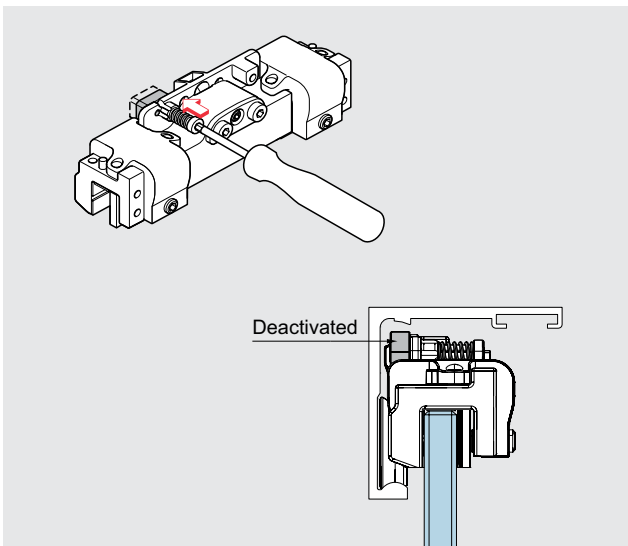


Advantages at installation

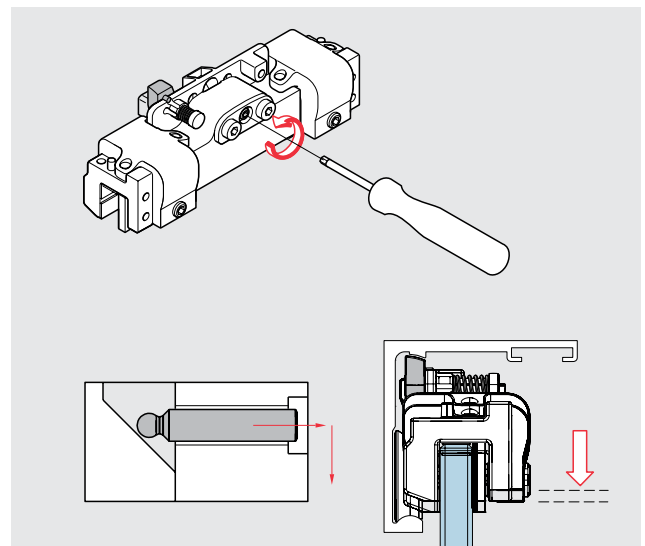
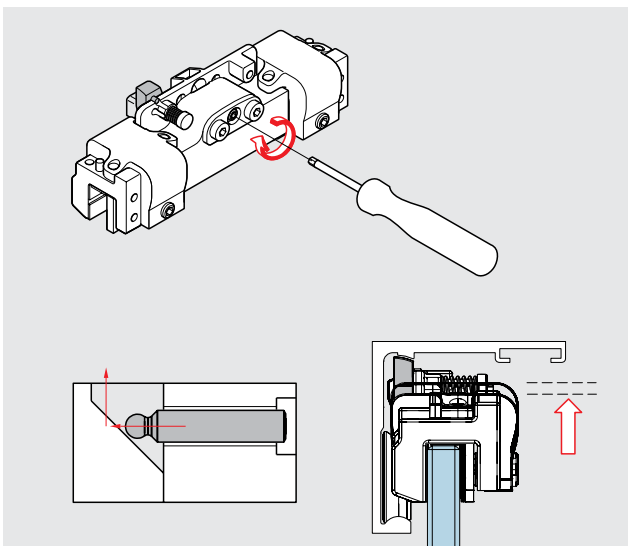
Cover profile



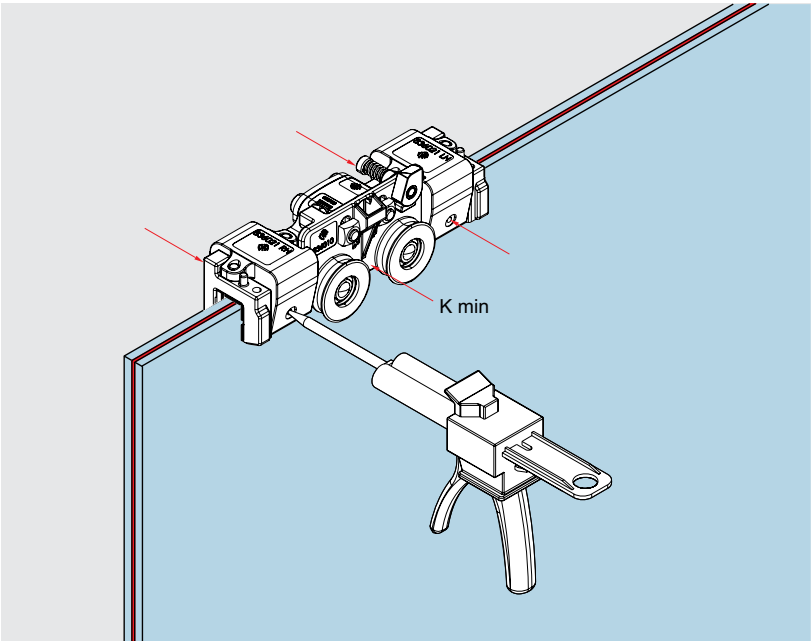
Anti-jump device – carriers: MUTO Comfort L, Premium XL, Self-Closing and Telescopic



Height adjustment – carriers: MUTO Comfort L, Premium XL, Self-Closing and Telescopic



Clamp&Glue technology

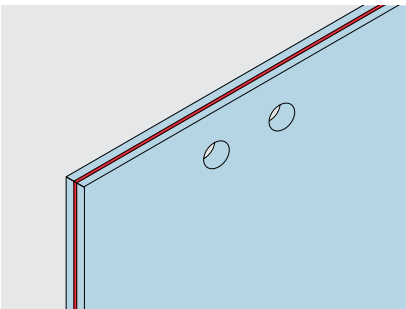


dormakaba Clamp&Glue technology provides the possibility to keep the advantages and – at the same time – to eliminate the potential issues of laminated safety glass. The solution for secure hold of the glass panel only needs a minimum of clamping force at the fittings, without any glass preparation.

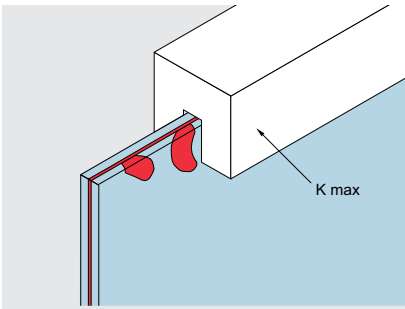
- Carrier sets readily convertible to LSG – make sure you specifically order LSG accessory sets
- High level of safety
- Easy installation
- Improved smoothness of operation
- Integration of sound protection laminate
- Decorative laminates
- Residual load-bearing capacity

MUTO: the following negative phenomena are eliminated with LSG

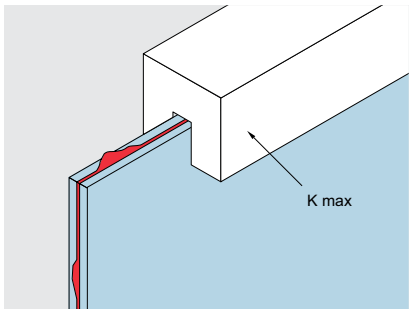
Glass preparation



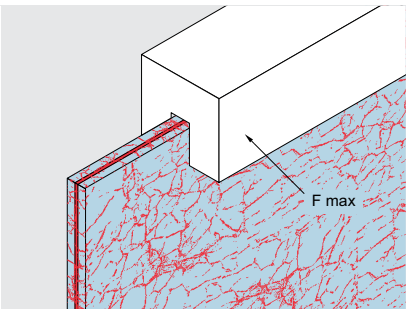
Blister



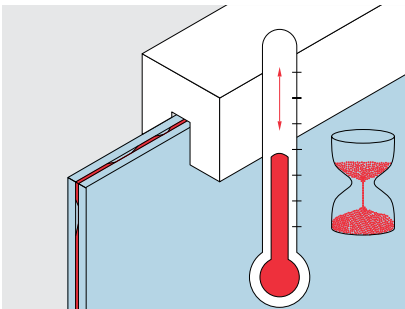
Extrusion of interlayer



Glass crack



Shrinkage of interlayer (due to temperature variation in long-term usage)


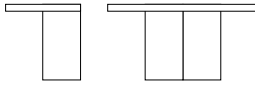



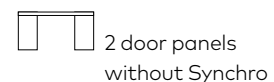
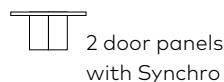
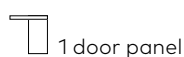
MUTO

Ideal for glass panels – also optional for timber panels

Much Comfort:

- Unpowered Self-Closing action
- Independently concealed locking with electromechanical lock (battery powered)
- Status indicator connecting with your facility management
- DORMOTION damping mechanism without glass preparation

	 MUTO Comfort M 50	 MUTO Comfort L 80	 MUTO Premium XL 80
Comfort			
Track dimensions: Track	W ≤ 57 mm H ≤ 58 mm	W ≤ 71 mm H ≤ 58 mm	W ≤ 72 mm H ≤ 69 mm
Track dimensions: Track incl. Side panel	–	W = 90 mm	W = 91 mm
Track dimensions: Track + Cover profile	W ≤ 57 mm H ≤ 58 mm	W ≤ 71 mm H ≤ 58 mm	W ≤ 72 mm H ≤ 69 mm
Basic description			
Max. gap to wall (glass door)	21.5 – 23.5 mm	17 mm	20 mm
Max. gap to wall (timber door, thickness ≤ 30mm)	7 mm	7 mm	7 mm
Max. gap to wall (timber door, thickness > 30 mm)	7 mm	7 mm	7 mm
Glass thickness	8, 10 mm	8 – 13.5 mm	8 – 13.5 mm
Installations	Wall, ceiling	Wall, ceiling, glass	Wall, ceiling, glass
Max. door height	≤ 2,500 mm	≤ 3,000 mm	≤ 3,000 mm
Max. door width	≤ 1,300 mm	≤ 1,500 mm**	≤ 1,500 mm**
Door height adjustment	+4 mm / -2 mm	+ 5 mm / - 3 mm	+/- 5 mm
Corrosion EN 1670	Class 2	Class 4	Class 4
Door cycles	≤ 100,000	≥ 100,000	≥ 200,000
DIN EN 1527	●	●	●
Max. door weight/single door	50 kg	80 kg	80 kg
Max. door weight/double door	–	2 x 80 kg	2 x 80 kg
Prepared for timber	●	●	●
Glass type	TSG	TSG / LSG*	TSG / LSG*
Functionalities			
Adjustable from the front	–	●	●
DORMOTION	○ No glass preparation	○ No glass preparation	● No glass preparation
Synchro version	–	○	○
Status indicator	–	○	○
Concealed EM locking	–	○	○
Self-Closing	–	–	–



● yes – no ○ optional

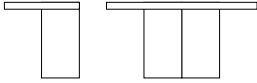
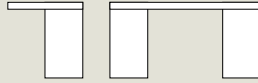
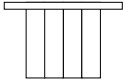
* LSG from 2 x TSG (min. 2 x 5 mm).


** Further glass panel widths are available, subject to consultation with our Application Engineering department. The glass dimensions may vary due to the method of fixing and installation, glass tolerances or general usage.

1) Max. travel 1,450 mm

Variants

- Self-Closing or from each other (opening) when just one panel is moved by hand.
- Telescopic – wide openings with small panels
- Synchro – moving both panels of a double door synchronously either toward each other (closing)
- Wall, glass and ceiling installations possible
- For panels 50 kg up to 150 kg

 MUTO Premium XL 150	 MUTO Premium Self-Closing 120	 MUTO Premium Telescopic 80
W ≤ 72 mm H ≤ 69 mm	W ≤ 100 mm H ≤ 69 mm	W ≤ 124 mm H ≤ 69 mm
W = 91 mm	W = 119 mm	W = 144 mm
W ≤ 72 mm H ≤ 69 mm	W ≤ 100 mm H ≤ 69 mm	W ≤ 125 mm H ≤ 69 mm
20 mm	20 mm	17 mm
7 mm	7 mm	7 mm
7 mm	7 mm	7 mm
8 – 13.5 mm	8 – 13.5 mm	8 – 13.5 mm
Wall, ceiling, glass	Wall, ceiling, glass	Wall, ceiling, glass
≤ 3,000 mm	≤ 3,000 mm	≤ 3,000 mm
≤ 1,500 mm**	≤ 1,500 mm ¹⁾	1,200 / 1,000 mm (2x/4x)
+/- 5 mm	+/- 5 mm	+ 5 mm / - 3 mm
Klasse 4	Klasse 4	Klasse 4
≥ 200,000	≥ 200,000	≥ 200,000
●	●	●
150 kg	120 kg	2 x 80 kg
2 x 150 kg	2 x 120 kg	4 x 80 kg
●	●	●
TSG / LSG*	TSG / LSG*	TSG / LSG*
●	●	●
● No glass preparation	○ No glass preparation	○ No glass preparation
-	-	-
○	○	○
○	○	○
-	●	-

 2 door panels, Teleskopisch

Further information on MUTO Premium Telescopic 80 can be found in the Compendium.

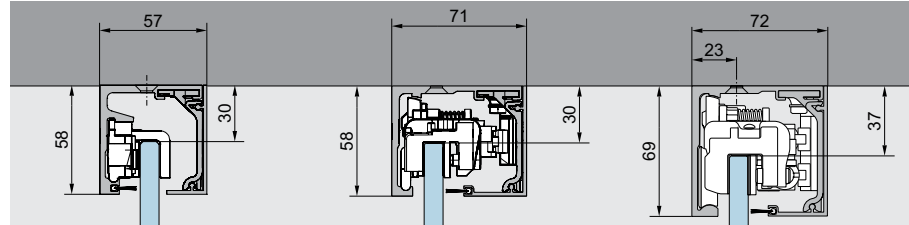
MUTO

Explanation of product names

Profile dimensions
M = 57 x 58 mm
Max. door weight
50 kg

Profile dimensions
L = 71 x 58 mm
Max. door weight
80 kg

Profile dimensions
XL = 72 x 69 mm
Max. door weight
80 kg



	MUTO M 50	MUTO L 80*	MUTO Premium XL 80*
DORMOTION	Optional	Optional	Yes
max. Sliding panel weight (kg)	50 kg	80 kg	80 kg
Movement cycles	≥ 100,000	≥ 100,000	≥ 200,000
Glass thickness sliding panel	8, 10 mm	8 – 13.5 mm	8 – 13.5 mm
Height adjustment	+ 4 mm / - 2 mm	+ 5 mm / - 3 mm	+/- 5 mm
Material thickness (Timber)	28 – 50 mm	28 – 50 mm	28 – 50 mm
max. Sliding panel height [GH][TH]	2,500 mm	3,000 mm	3,000 mm
Mounting type	Wall, ceiling	Wall, ceiling, glass	Wall, ceiling, glass
Single panel			
Clear opening width [LW] min. – max.	845 – 1,240 mm	600 – 1,440 mm	750 – 2,440 mm
Panel width [A]	LW + 60 mm	LW + 60 mm	LW + 60 mm
Panel width [A] min. – max. (without DORMOTION / with retrofittable lock / status indicator)	660 – 1,300 mm** no lock / status indicator	660 – 1,500 (max. 2,000 mm**)	660 – 1,500 (max. 2,500 mm**)
Panel width Comfort [A] min. – max. (with DORMOTION, with retrofittable lock / status indicator)***	905 – 1,300 mm** no lock / status indicator	660 – 1,500 (max. 2,000 mm**)	810 – 1,500 (max. 2,500 mm**)
Panel width Standard [A] min. – max. (with DORMOTION, without retrofittable lock / status indicator)***	900 – 1,300 mm** no lock / status indicator	660 – 1,500 (max. 2,000 mm**)	755 – 1,500 (max. 2,500 mm**)
Panel width Small [A] min. – max. (with DORMOTION, without retrofittable lock / status indicator)***	805 – 1,300 mm** no lock / status indicator	660 – 1,500 (max. 2,000 mm**)	690 – 1,500 (max. 2,500 mm**)
Length of track wall/ceiling	2 x A	2 x A	2 x A
Length of track [B] at glass	-	2 x A + 67 mm	2 x A + 67 mm
Double panel			
Clear width [LW] min. – max.	-	1,266 – 2,446 mm	1,566 – 2,890 mm
Panel width [A]	-	LW / 2 + 27 mm	LW / 2 + 27 mm
Panel width [A] min. – max.	-	660 – 1,250 mm	810 – 1,470 mm
Length of track [B] wall/ceiling	-	4 x A – 44 mm	4 x A – 44 mm
Length of track [B] at glass	-	4 x A + 12 mm	4 x A + 12 mm

* Benefit variant Premium XL – 80 versus Comfort L – 80:
higher number of movement cycles and smaller panel width on DORMOTION.

Profile dimensions

XL = 72 x 69 mm

Max. door weight

150 kg

Profile dimensions

Self-Closing = 100 x 69 mm

Max. door weight

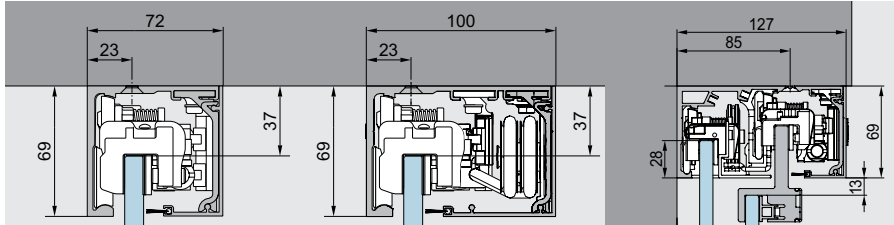
120 kg

Profile dimensions

M = 127 x 69

Max. door weight

2 x 80 Kg

**Art. No.** 8.36. xxx **xxx** .99Alu Silver **150**Alu Niro Dark **157**Alu White **350**Alu Special anodised **199**Alu Special colour **399**

MUTO Premium XL 150	MUTO Premium Self-Closing 120	MUTO Premium Telescopic 80
Yes	Yes	Optional
150 kg	120 kg	2 x 80 Kg
≥ 200,000	≥ 200,000	≥ 200,000
8 – 13.5 mm	8 – 13.5 mm	8 – 13.5 mm
+/- 5 mm	+/- 5 mm	+ 5 mm / - 3 mm
28 – 50 mm	28 – 50 mm	28 – 50 mm
3,000 mm	3,000 mm	2,500 mm
Wall, ceiling, glass	Wall, ceiling, glass	Wall, ceiling, glass
960 – 2,440 mm	770 – 1,440 mm	see page 80
LW + 60 mm	LW + 60 mm	see from page 82 onwards
660 – 1,500 (max. 2,500 mm**)	-	see page 80
1,020 – 1,500 (max. 2,500 mm**)	850 – 1,500 mm**	see page 80
1,005 – 1,500 (max. 2,500 mm**)	-	-
900 – 1,500 (max. 2,500 mm**)	-	-
2 x A	2 x A	see from page 82 onwards
2 x A + 67 mm	2 x A + 67 mm	see from page 82 onwards
1,986 – 2,890 mm	1,606 – 2,890 mm	see page 80
LW / 2 + 27 mm	LW / 2 + 27 mm	see from page 82 onwards
1,020 – 1,470 mm	830 – 1,470 mm	see page 80
4 x A – 44 mm	4 x A – 44 mm	see from page 82 onwards
4 x A + 12 mm	4 x A + 12 mm	see from page 82 onwards

** Further glass panel widths are available, subject to consultation with our Application Engineering department. The glass dimensions may vary due to the method of fixing and installation, glass tolerances or general usage.

*** Before going ahead, please note the details on pages 20 – 21

MUTO

System	MUTO Comfort M 50		MUTO Comfort L 80		MUTO Premium XL 80		MUTO Premium XL 150	
DORMOTION	Panel width (A)	Protrusion track at door closed side	Panel width (A)	Protrusion track at door closed side	Panel width (A)	Protrusion track at door closed side	Panel width (A)	Protrusion track at door closed side

Panel width, "Comfort" (according to installation instructions with all enhanced-convenience "Comfort" features)

Minimum panel width incl. DORMOTION damping mechanism, taking into account the retrofit of a lock/status indicator and standard dimensioning and positioning of the track (B = A x 2)

905 mm	35 mm	660 mm	810 mm	35 mm	1,020 mm	35 mm
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Example length of track (on MUTO Comfort M 50):

$$A = 905 \text{ mm}$$

$$B = A \times 2$$

$$B = 1,810 \text{ mm}$$

Panel widths, "Standard"* (adaptation to the position of the DORMOTION damping unit)

Minimum panel width incl. DORMOTION damping unit **without retrofitability** of a lock/status indicator and with standard dimensions of the track (B = A x 2); **please note the position of the track.**

900 mm	40 mm	Min. panel width 660 mm for all variants without further adaptation possible	755 mm	45 mm	1,005 mm	45 mm
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Example length of track (on MUTO Comfort M 50):

$$A = 900 \text{ mm}$$

$$B = A \times 2$$

$$B = 1,800 \text{ mm}$$

Panel widths, "Small"* (adaptation to the position of the track)**

Minimum panel width incl. DORMOTION damping unit **without lock, with extended track ((B = A x 2) + x)**, taking into account the positioning of the track

805 mm (x = 100 mm)	90 mm	Min. panel width 660 mm for all variants without further adaptation possible	690 mm (x = 50 mm)	75 mm	900 mm (x = 50 mm)	75 mm
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Example length of track (on MUTO Comfort M 50):

$$A = 805 \text{ mm}$$

$$B = (A \times 2) + x$$

$$B = (805 \times 2) + 100$$

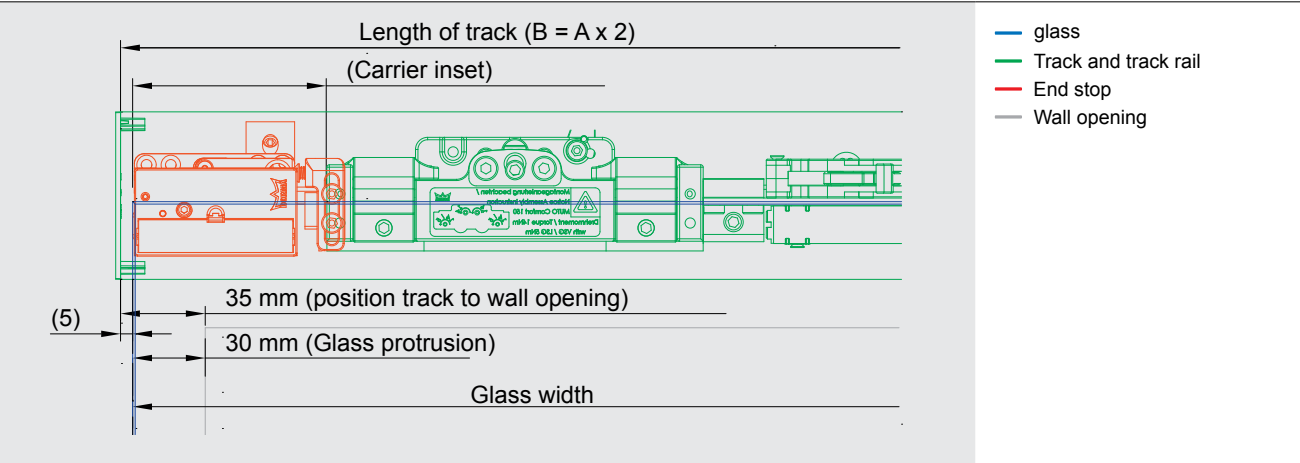
$$B = 1,710 \text{ mm}$$

* No lock/status indicator

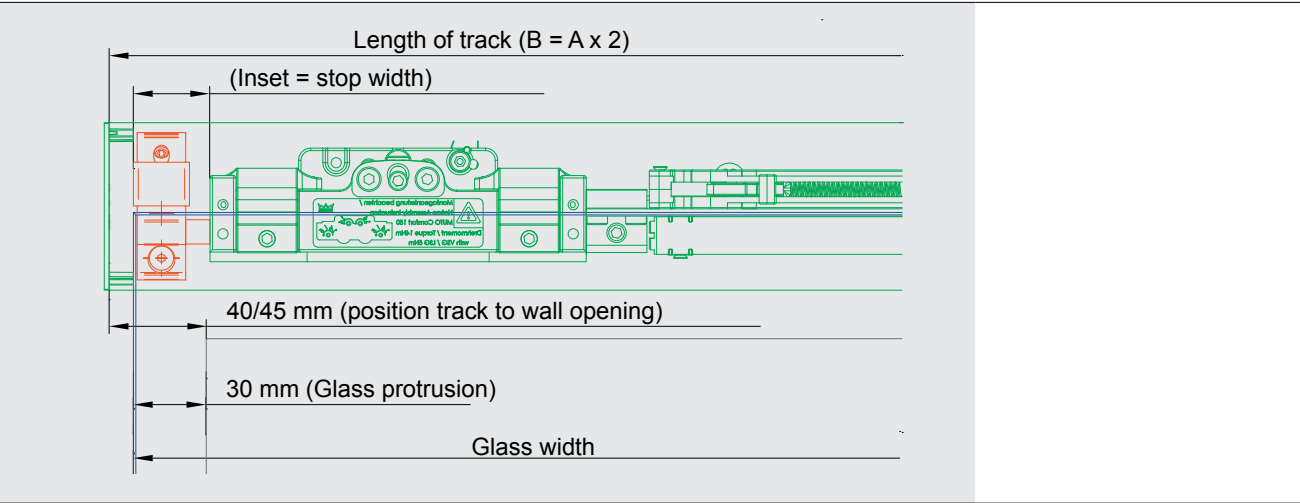
** This application applies only to single-panel systems/sliding doors and up to 100 mm rail overhang is needed on the door-closed side for clearance (closing edge to a 90° wall is not possible with this type of installation).

Shown system:
MUTO Premium XL 80

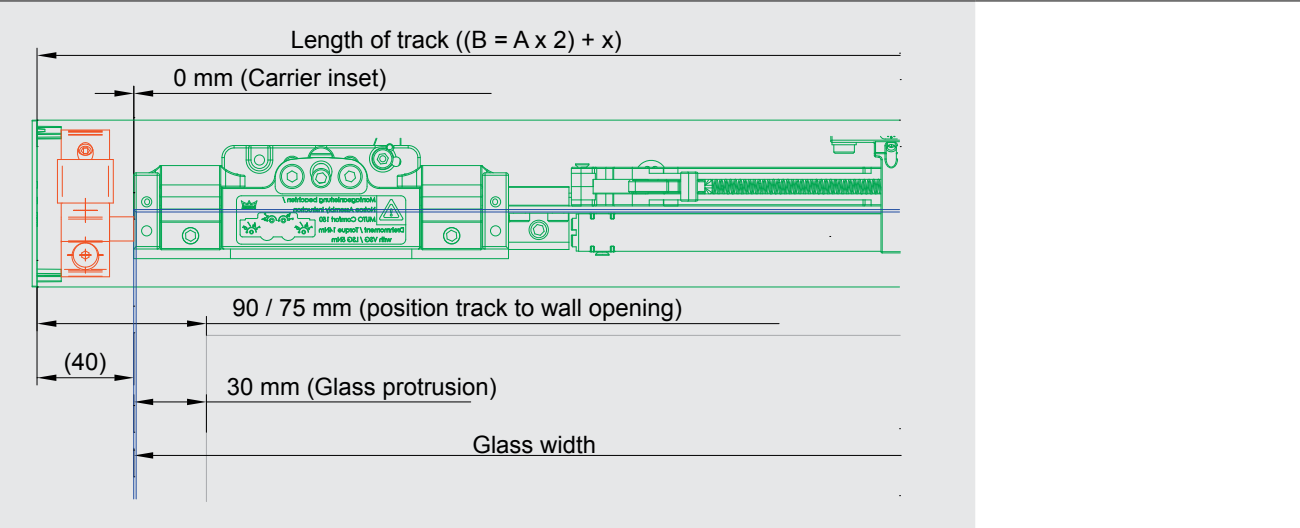
Panel width, "Comfort" (according to installation instructions with all enhanced-convenience "Comfort" features)



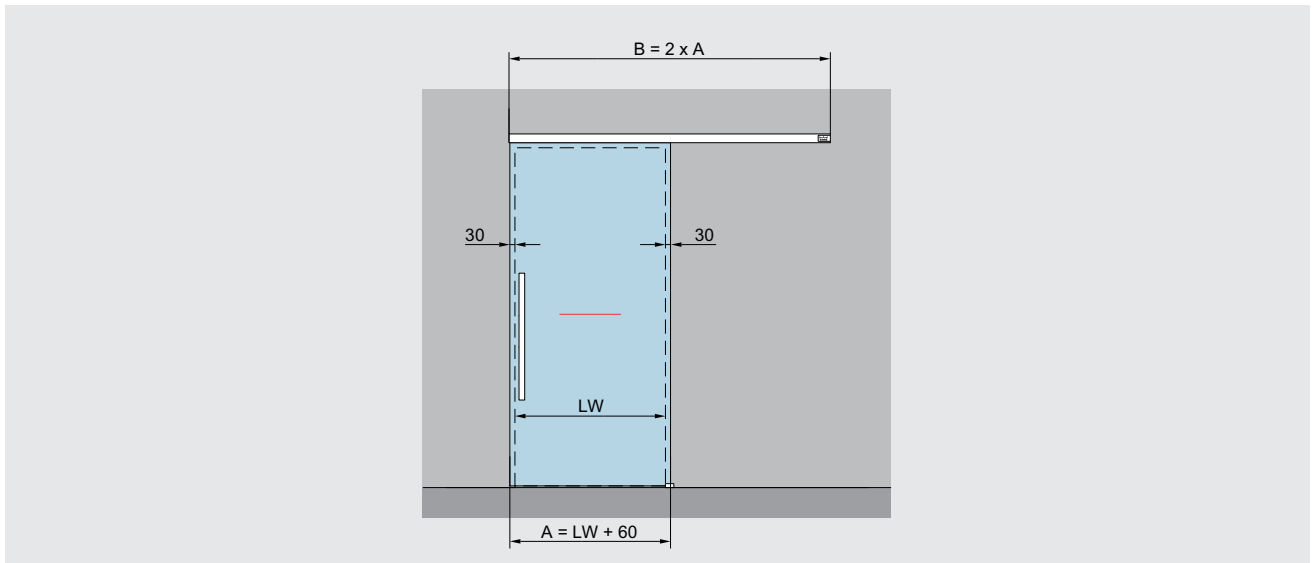
Panel widths, "Standard" (adaptation to the position of the DORMOTION damping unit)



Panel widths, "Small" (adaptation to the position of the track)



Type illustrations wall installation

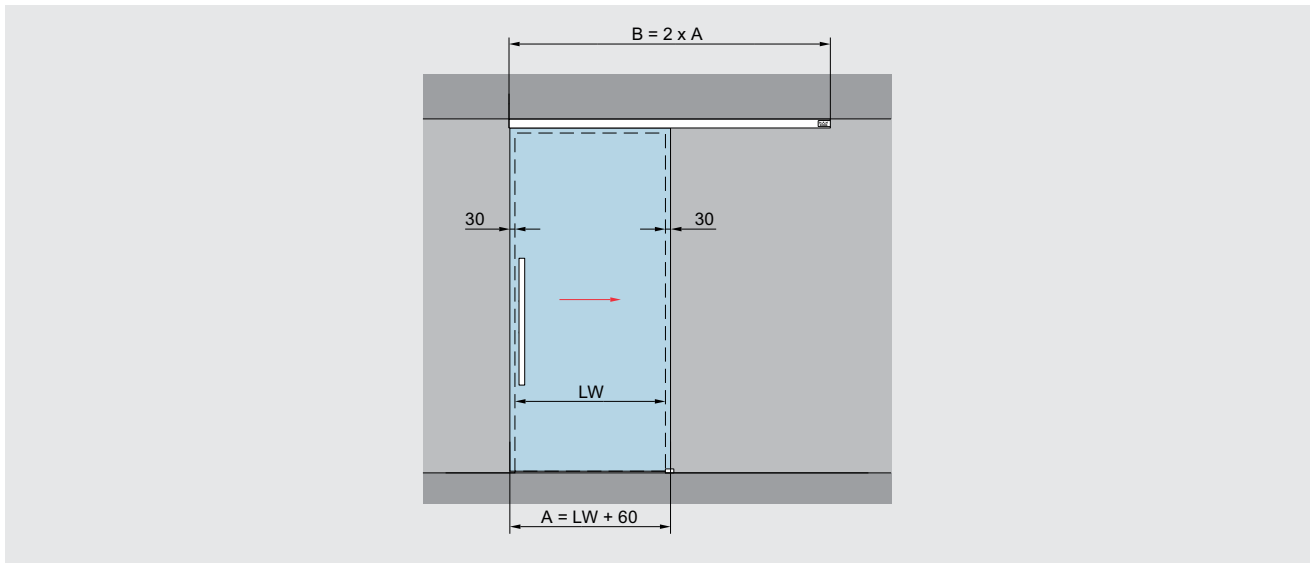


Fixed at wall	Features and data	Glass thickness
	<p>For installation with one door panel</p> <p>Max. weight of door panels 50 kg</p> <p>Calculation of glass height GH = LH + 18 + X mm max. 2,500 mm</p> <p>Calculation of glass width A = LW + 60 mm min. 660 mm max. 1,300 mm min. 905 mm with DORMOTION max. 1,300 mm with DORMOTION</p>	<p>8 – 10 mm</p>

- A = Glass width
- B = Length of track
- GH = Glass height
- H = Total height
- LH = Clear opening height

- LW = Clear opening width
- t = Glass thickness
- Y = 57 mm – 25 mm – t
- X = Freely selectable protrusion
(depending on structural conditions)

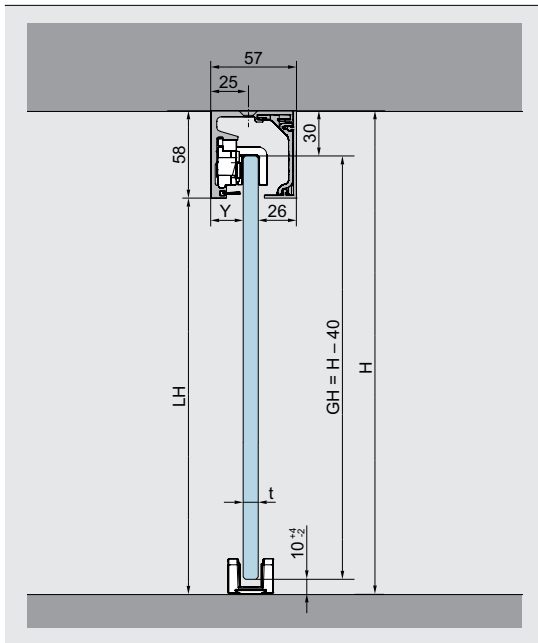
Type illustrations ceiling installation



Fixed at ceiling

Features and data

Glass thickness



For installation with one door panel

8 – 10 mm

Max. weight of door panels

50 kg

Calculation of glass height

$GH = H - 40$ mm
max. 2,500 mm

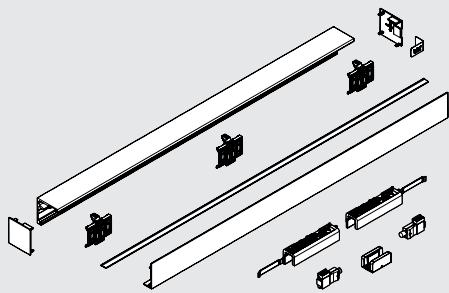
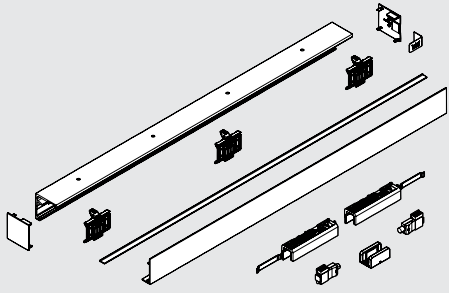
Calculation of glass width

$A = LW + 60$ mm
min. 660 mm
max. 1,300 mm
min. 905 mm with DORMOTION
max. 1,300 mm with DORMOTION

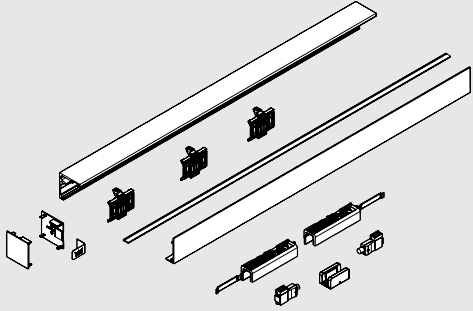
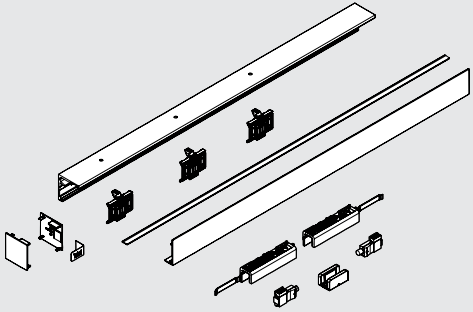
A = Glass width
B = Length of track
GH = Glass height
H = Total height

LH = Clear opening height
LW = Clear opening width
t = Glass thickness
Y = 57 mm – 25 mm – t

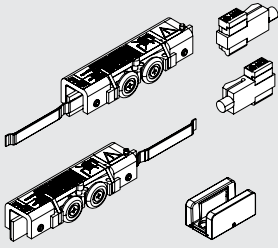
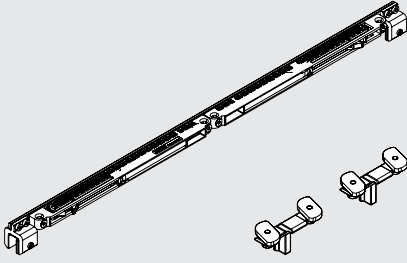
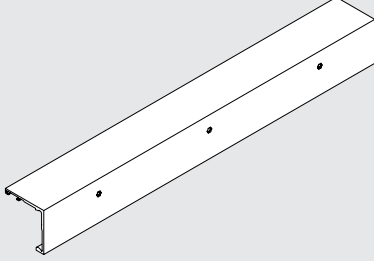
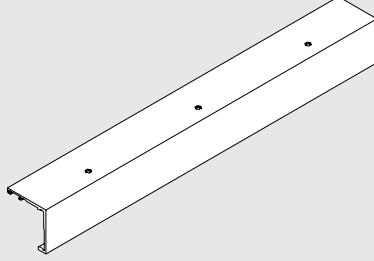
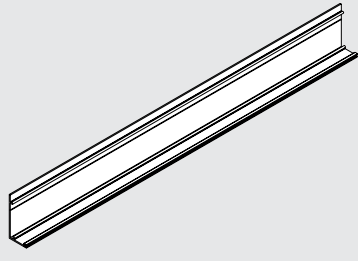
Complete sets - defined lengths

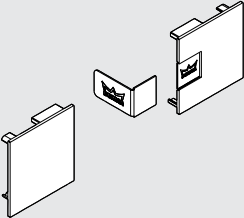
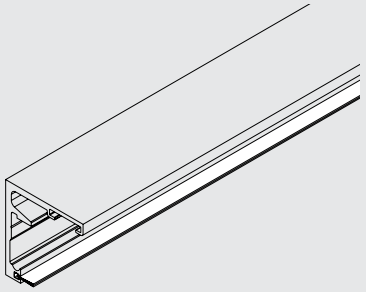
	Features and data	Panel width	Profile length	Glass thickness	Art. No.
	<p>MUTO Comfort M 50 Set for wall installation incl. track profile, cover profile and brushes, accessory set, end caps</p> <p>Optional with DORMOTION (see component parts)</p> <p>max. 50 kg</p>	<p>950 1,200</p>	<p>1,880 2,380</p>	<p>8/10 mm 8/10 mm</p>	<p>36.100 36.101</p>
	<p>MUTO Comfort M 50 Set for ceiling installation incl. track profile, cover profile and brushes, accessory set, end caps</p> <p>Optional with DORMOTION (see component parts)</p> <p>max. 50 kg</p>	<p>950 1,200</p>	<p>1,880 2,380</p>	<p>8/10 mm 8/10 mm</p>	<p>36.103 36.104</p>

Complete sets - individual lengths

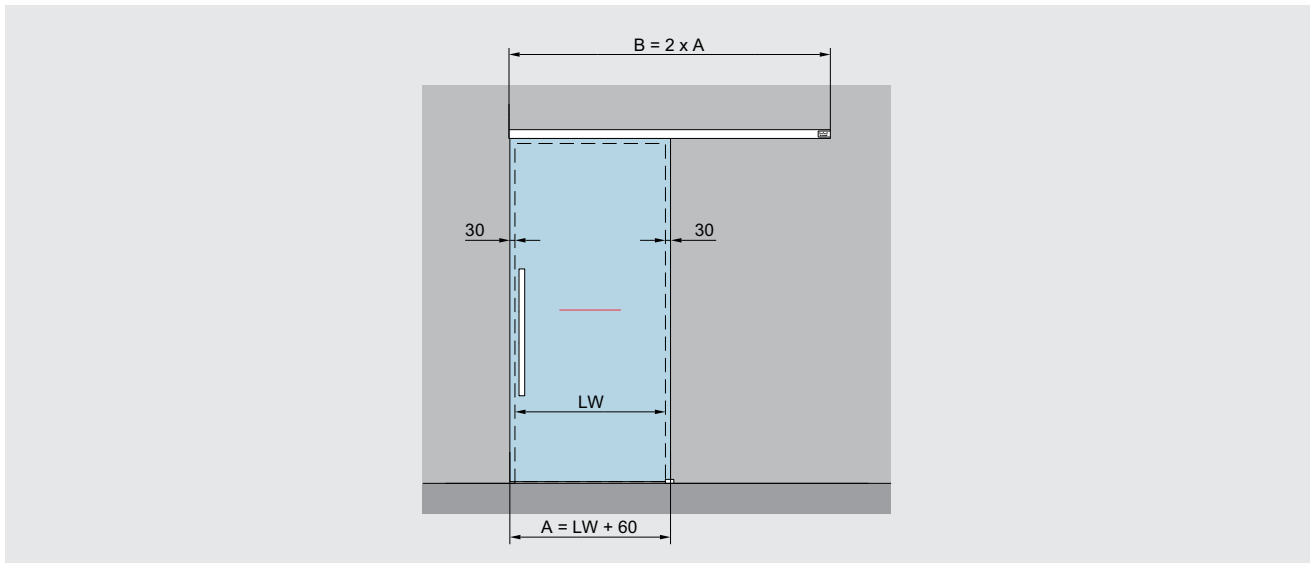
	Features and data	Glass thickness	Art. No.
	<p>MUTO Comfort M 50 Set for wall installation Individual profile length up to max. 2,600 mm incl. track profile, cover profile and brushes, accessory set, end caps</p> <p>Optional with DORMOTION (see component parts)</p> <p>max. 50 kg</p>	8/10 mm	36.106
	<p>MUTO Comfort M 50 Set for ceiling installation Individual profile length up to max. 2,600 mm incl. track profile, cover profile and brushes, accessory set, end caps</p> <p>Optional with DORMOTION (see component parts)</p> <p>max. 50 kg</p>	8/10 mm	36.107

Component parts

	Features and data	Art.-Nr.
	Accessory set Consisting of: 2 Clamp carriers 2 Endstops 1 Floor guide	36.150
	DORMOTION unit Panel width min. 905 mm for max. 50 kg, incl. starter	36.153 Optional
	Track rail for wall installation stock length 6,000 mm fixed length	36.108 36.111
	Track rail for ceiling installation stock length 6,000 mm fixed length	36.109 36.112
	Cover profile stock length 6,000 mm fixed length	36.110 36.113

	Features and data	Glass thickness	Art. No.
	<p>MUTO Comfort M 50 Set endcaps for wall and ceiling installation</p>		36.152
	<p>MUTO Brush profile set fixed length for Comfort M, L and Premium XL Consisting of: 1 brush profile</p>	8 – 10 mm 12 – 13.5 mm	36.265

Type illustrations wall installation

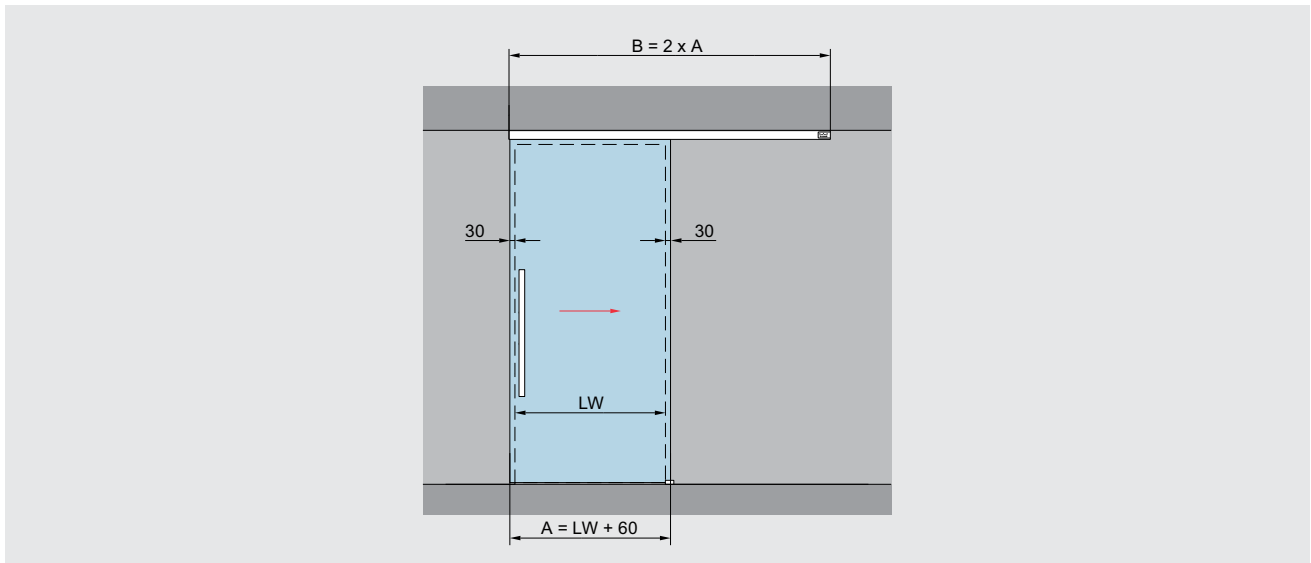


Fixed at wall	Features and data	Glass thickness
	<p>For installation with one door panel</p> <p>Max. weight of door panels 80 kg</p> <p>Calculation of glass height GH = LH + 18 + X mm max. 3,000 mm</p> <p>Calculation of glass width A = LW + 60 mm min. 660 mm max. 2,000 mm min. 660 mm with DORMOTION max. 2,000 mm with DORMOTION max. 2 x 1,250 mm</p>	8 – 13.5 mm

- A = Glass width
- B = Length of track
- GH = Glass height
- H = Total height
- LH = Clear opening height

- LW = Clear opening width
- t = Glass thickness
- Y = 71 mm – 17 mm – t
- X = Freely selectable protrusion (depending on structural conditions)

Type illustrations ceiling installation

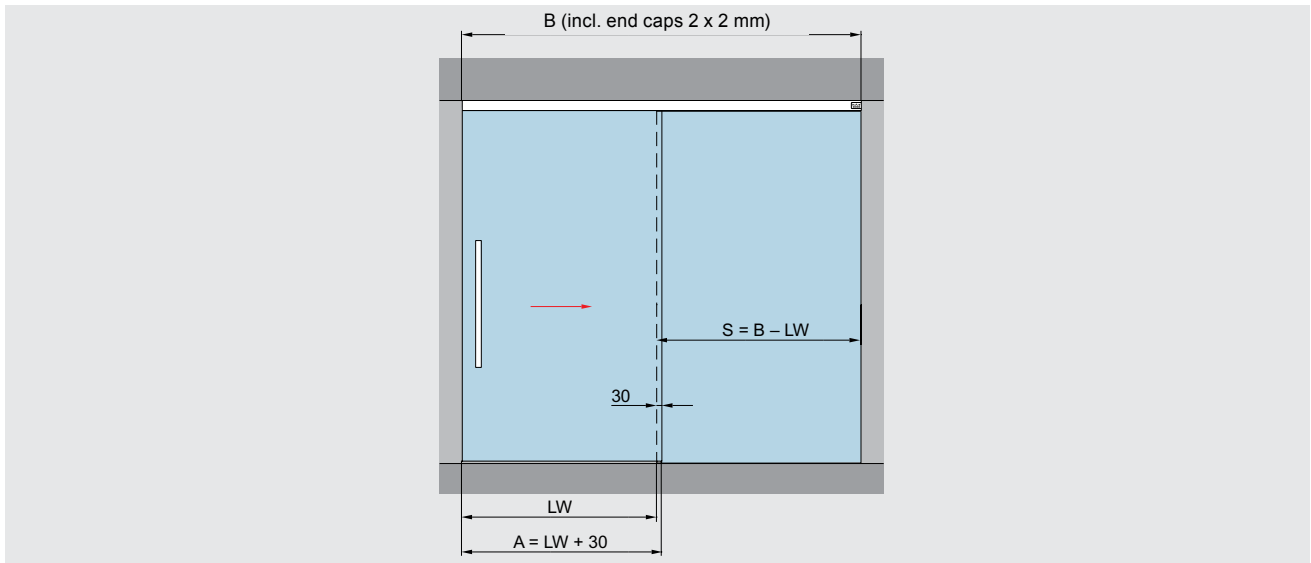


Fixed at ceiling	Features and data	Glass thickness
	<p>For installation with one door panel</p> <p>Max. weight of door panels 80 kg</p> <p>Calculation of glass height $GH = H - 40$ max. 3,000 mm</p> <p>Calculation of glass width $A = LW + 60$ min. 660 mm max. 2,000 mm min. 660 mm with DORMOTION max. 2,000 mm max. $2 \times 1,250$ mm</p>	8 – 13.5 mm

A = Glass width
B = Length of track
GH = Glass height
H = Total height

LH = Clear opening height
LW = Clear opening width
t = Glass thickness
Y = 71 mm – 17 mm – t

Type illustrations with side panel, on one side

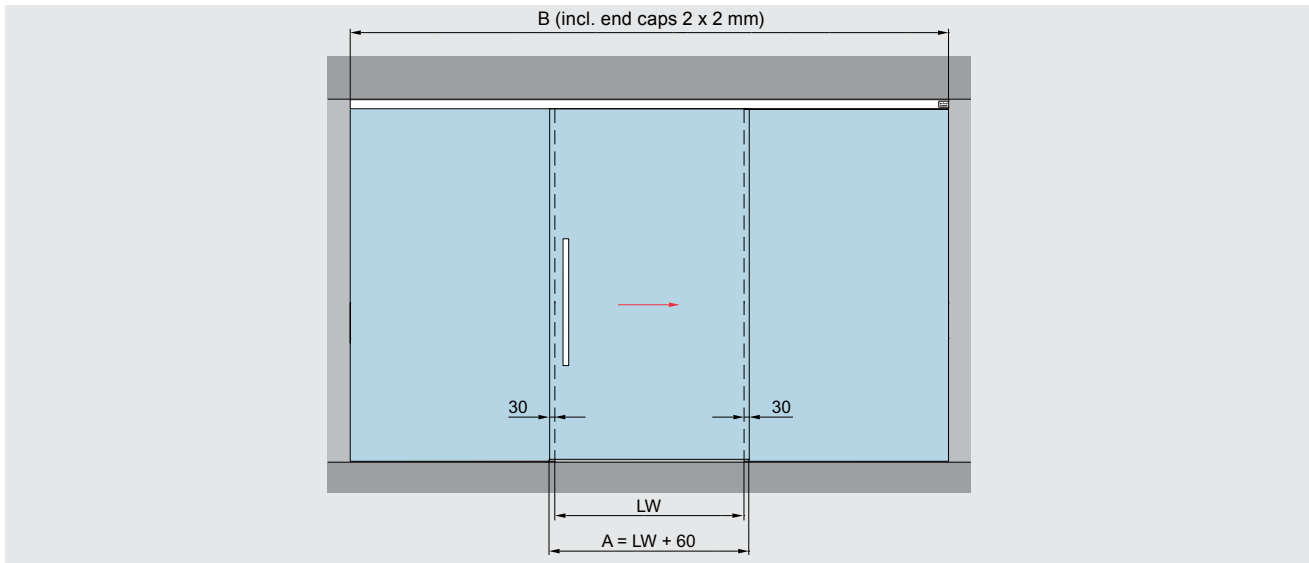


Fixed at ceiling	Features and data	Glass thickness
	<p>For installation with one door panel</p> <p>Max. weight of door panels 80 kg</p> <p>Calculation of glass height GH1 = H - 40 mm GH2 = H - 51 mm max. 3,000 mm</p> <p>Calculation of glass width A = LW + 30 mm min. 660 mm max. 2,000 mm min. 660 mm with DORMOTION max. 2,000 mm with DORMOTION</p>	<p>8 – 13.5 mm</p>

- A = Glass width
- B = Length of track
- GH1 = Glass height sliding door
- GH2 = Glass height sidelight
- H = Total height
- LH = Clear opening height

- LW = Clear opening width
- S = Glass width sidelight
- t1 = Glass thickness sliding door
- t2 = Glass thickness sidelight
- Y = 71 mm - 17 mm - t1

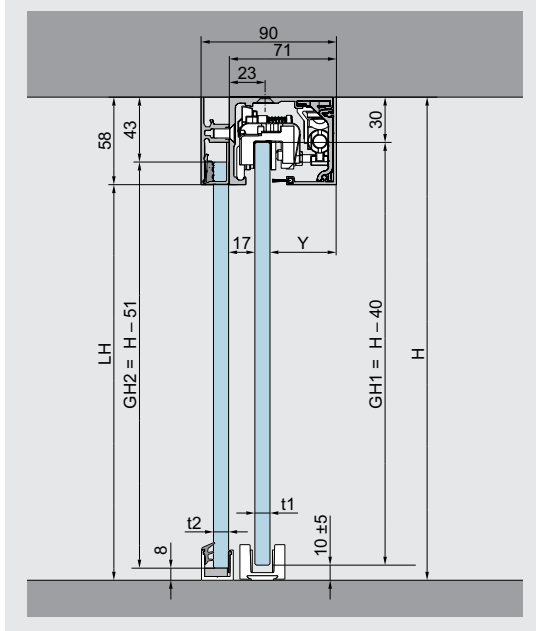
Type illustrations with sidelight on both sides



Fixed at ceiling

Features and data

Glass thickness



For installation with one door panels

8 – 13.5 mm

Max. Türflügelgewicht

80 kg

Calculation of glass height

$GH1 = H - 40 \text{ mm}$

$GH2 = H - 51 \text{ mm}$

max. 3,000 mm

Calculation of glass width

$A = LW + 30 \text{ mm}$

min. 660 mm

max. 2,000 mm

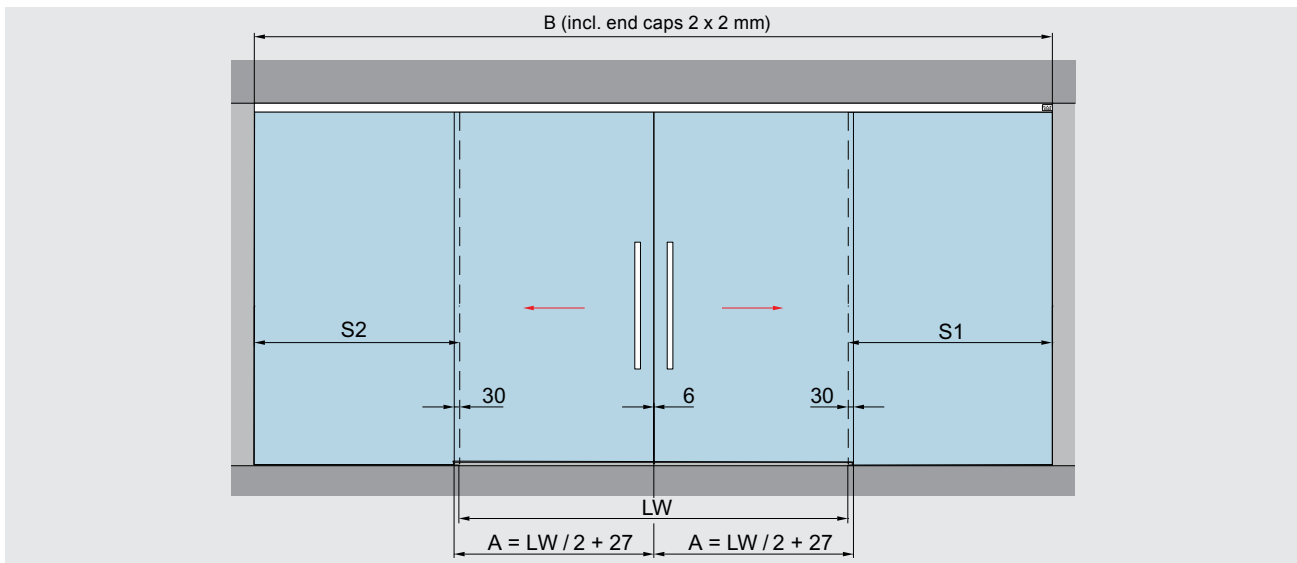
min. 660 mm with DORMOTION

max. 2,000 mm with DORMOTION

A = Glass width
 B = Length of track
 GH1 = Glass height sliding door
 GH2 = Glass height sidelight
 H = Total height
 LH = Clear opening height

LW = Clear opening width
 S = Glass width sidelight
 t1 = Glass thickness sliding door
 t2 = Glass thickness sidelight
 Y = 71 mm - 17 mm - t1

Type illustrations with two door panels with sidelights

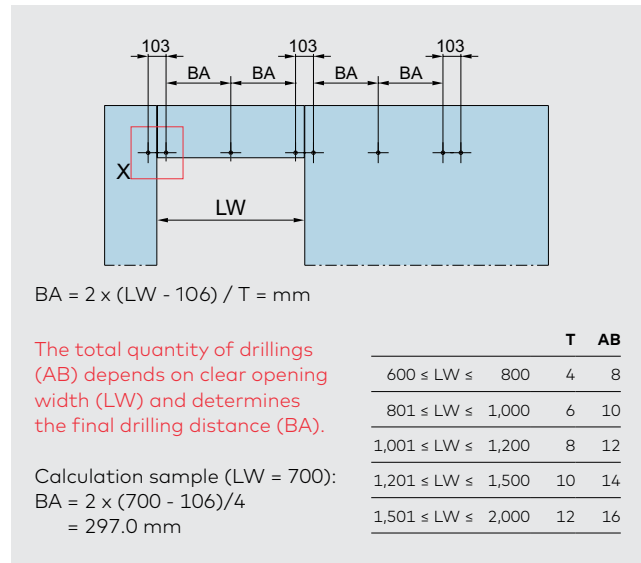
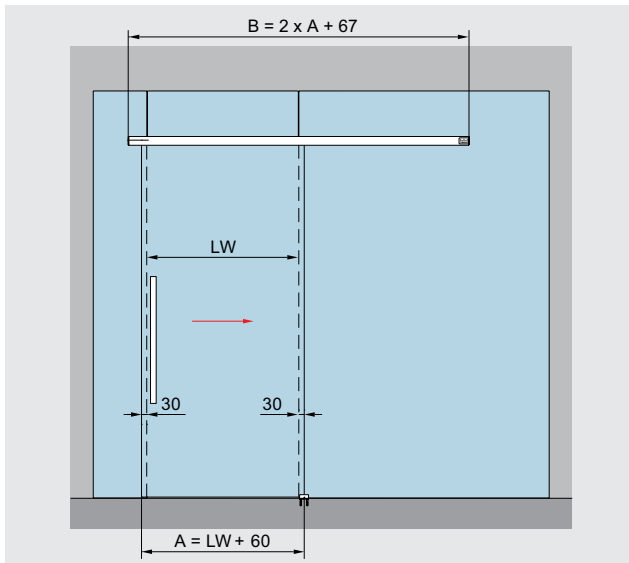


Fixed at ceiling	Features and data	Glass thickness
	<p>For installation with two door panels</p> <p>Max. weight of door panels 80 kg</p> <p>Calculation of glass height GH1 = H - 40 mm GH2 = H - 51 mm max. 3,000 mm</p> <p>Calculation of glass width A = LW / 2 + 27 mm min. 660 mm max. 2 x 1,250 mm min. 660 mm with DORMOTION max. 2 x 1,250 mm</p>	<p>8 – 13.5 mm</p>

- A = Glass width
- B = Length of track
- GH1 = Glass height sliding door
- GH2 = Glass height sidelight
- H = Total height

- LH = Clear opening height
- LW = Clear opening width
- t1 = Glass thickness sliding door
- t2 = Glass thickness sidelight
- Y = 71 mm - 17 mm - t1

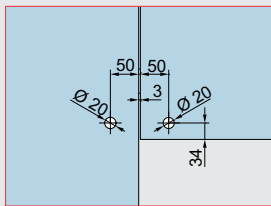
Type illustrations glass installation



Glass preparation

Features and data

Glass thickness



Detail X

For installation with one or two door panels

8 – 13.5 mm

Max. weight of door panels

80 kg

Calculation of glass height

$GH = LH + 18 \text{ mm}$

max. 3,000 mm

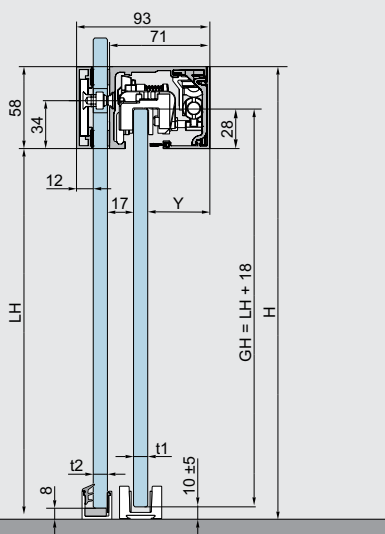
Calculation of glass width

$A = LW + 60 \text{ mm}$

Fixed at glass

Features and data

L 80



To ensure a correct and aligned mounting of the track rail, a fully supporting fixed panel must be installed.

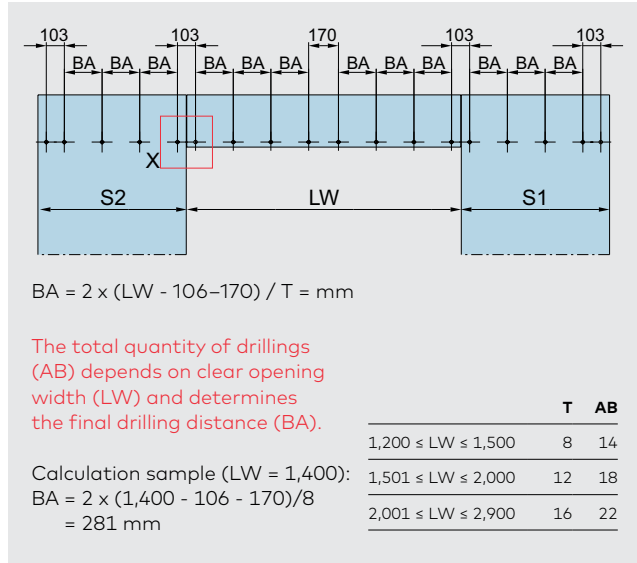
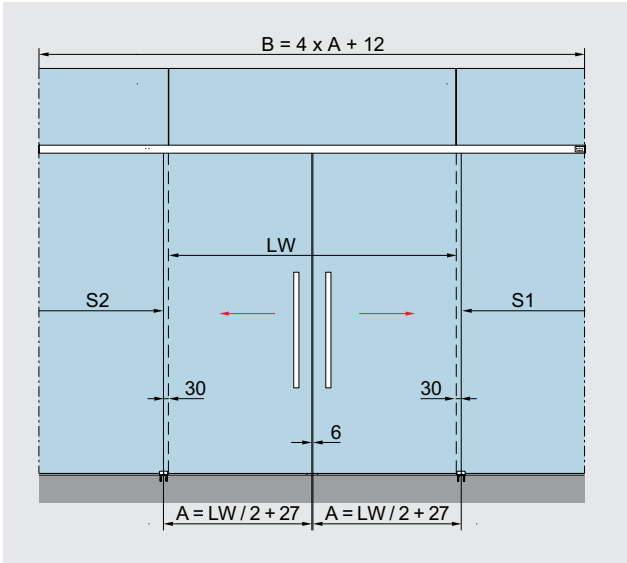
min. glass width without DORMOTION	660 mm
min. clear opening width without DORMOTION	600 mm
min. glass width with DORMOTION	660 mm
min. clear opening width with DORMOTION	600 mm
max. glass width	2,000 mm
max. clear opening width	1,940 mm

A = Glass width
 AB = Quantity of drillings
 B = Length of track
 BA = Drilling distance

H = Total height
 LH = Clear opening height
 LW = Clear opening width
 GH = Glass height

T = Quantity of drillings distance signed with BA
 t1 = Glass thickness sliding door (8 – 13.5 mm)
 t2 = Glass thickness fixed panel (10 – 19 mm)
 Y = 71 mm – 17 mm – t1

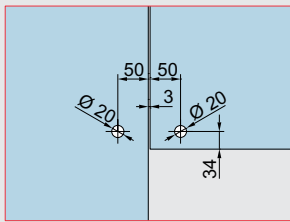
Type illustrations with two door panels fixed at glass



Glass preparation

Features and data

Glass thickness



Detail X

For installation with two panels

8 – 13.5 mm

Max. weight of door panels

80 kg

Calculation of glass height

$GH = LH + 18 \text{ mm}$
 max. 3,000 mm

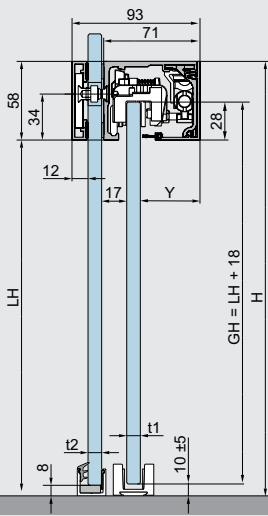
Calculation of glass width

$A = LW / 2 + 27 \text{ mm}$

Fixed at glass

Features and data

L 80



To ensure a correct and aligned mounting of the track rail, a fully supporting fixed panel must be installed.

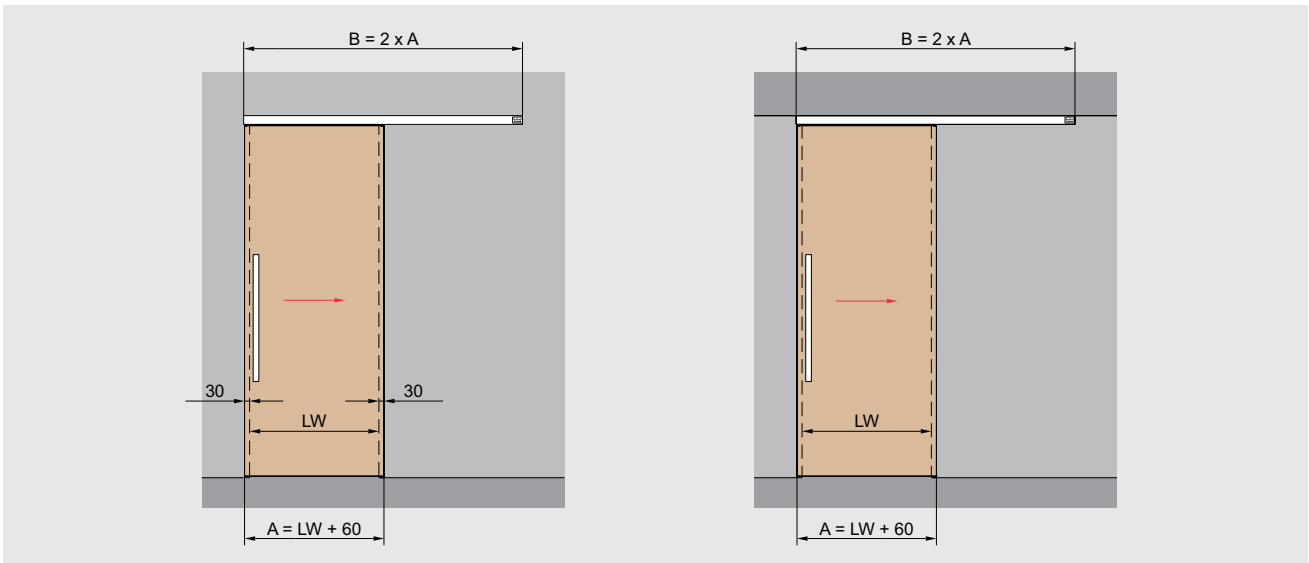
min. glass width without DORMOTION	660 mm
min. clear opening width without DORMOTION	1,270 mm
min. glass width with DORMOTION	660 mm
min. clear opening width with DORMOTION	1,270 mm
max. Glass width	1,250 mm
max. Clear opening width	2,450 mm

A = Glass width
 AB = Quantity of drillings
 B = Length of track
 BA = Drilling distance

H = Total height
 LH = Clear opening height
 LW = Clear opening width
 GH = Glass height

T = Quantity of drillings distance signed with BA
 t1 = Glass thickness sliding door (8 – 13.5 mm)
 t2 = Glass thickness fixed panel (10 – 19 mm)
 Y = 71 mm – 17 mm – t1

Type illustrations for timber door applications

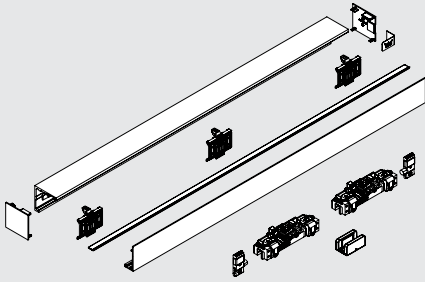
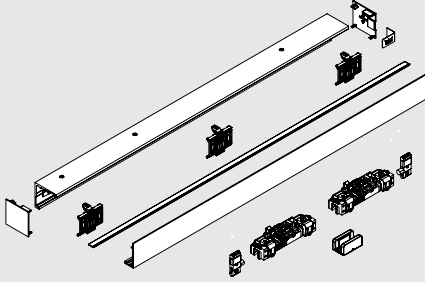
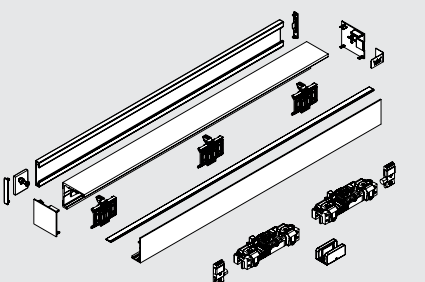


Fixed at wall	Fixed at ceiling	Features and data	Wood thickness
		<p>For installation with timber doors</p> <p>Max. weight of door panels 80 kg</p> <p>Calculation of door height fixed at wall TH = LH - 18 + X mm max. 3,000 mm</p> <p>Calculation of door height fixed at ceiling TH = H - 76 mm max. 3,000 mm</p> <p>Calculation of door width A = LW + 60 mm min. 660 mm max. 2,000 mm min. 990 mm with DORMOTION max. 2,000 mm with DORMOTION</p>	<p>28–50 mm</p>

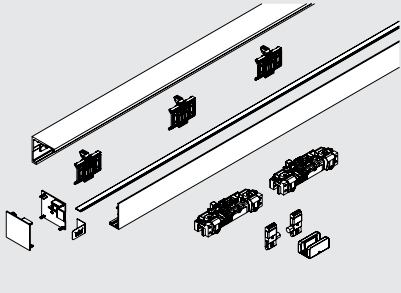
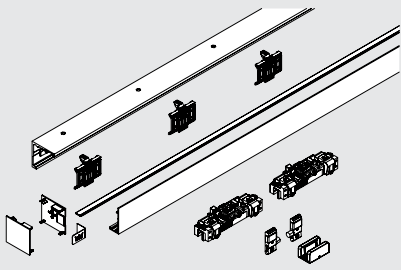
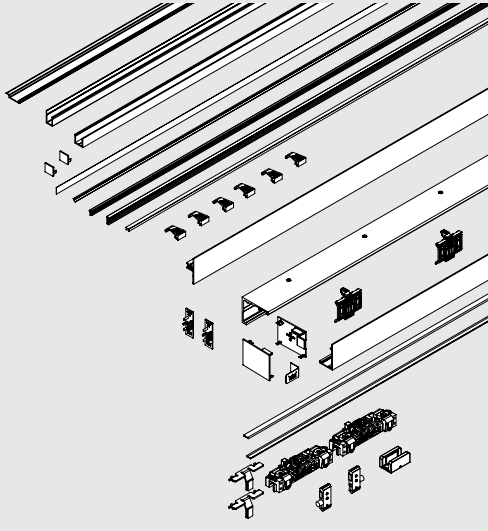
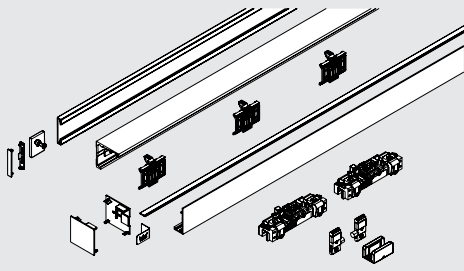
- A = Glass width
- B = Length of track
- H = Total height
- LH = Clear opening height

- LW = Clear opening width
- TH = Door height
- u = Wood thickness
- X = Freely selectable protrusion (depending on structural conditions)

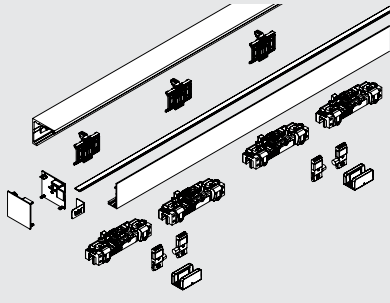
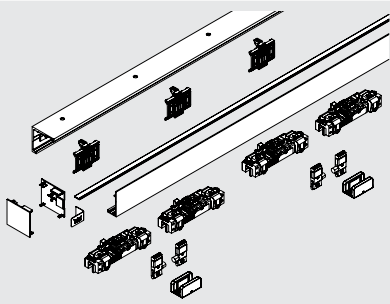
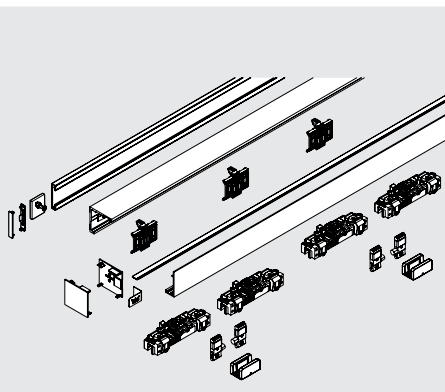
Complete sets - defined lengths

	Features and data	Panel width	Profile length	Glass thickness	Art. No.	
	<p>MUTO Comfort L 80 Set for wall installation incl. track profile, cover profile and brushes, accessory set, end caps</p> <p>max. 80 kg</p>	1,100 1,450	2,180 2,880	8 – 13.5 mm 8 – 13.5 mm	36.300 36.301	
	<p>MUTO Comfort L 80 Set for ceiling installation incl. track profile, cover profile and brushes, accessory set, end caps</p> <p>max. 80 kg</p>	1,100 1,450	2,180 2,880	8 – 13.5 mm 8 – 13.5 mm	36.302 36.303	
	<p>MUTO Comfort L 80 Set for glass installation incl. track profile, cover profile and brushes, counter profile, accessory set, end caps</p> <p>max. 80 kg</p> <p>Note: Please take note of glass preparation on page 33</p>	<p>Clear opening width</p> <p>1,050 1,250</p>	<p>Panel width</p> <p>1,110 1,310</p>	<p>Profile length</p> <p>2,287 2,687</p>	<p>Glass thickness</p> <p>8 – 13.5 mm 8 – 13.5 mm</p>	<p>Art. No.</p> <p>36.304 36.305</p>

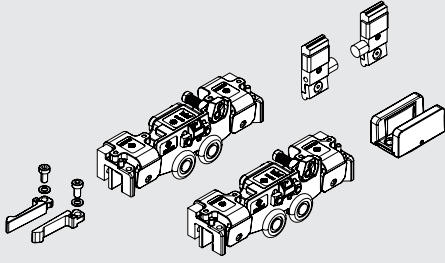
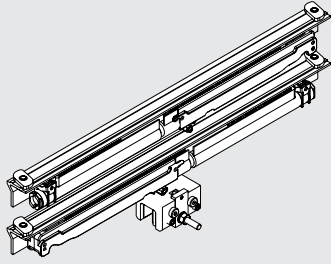
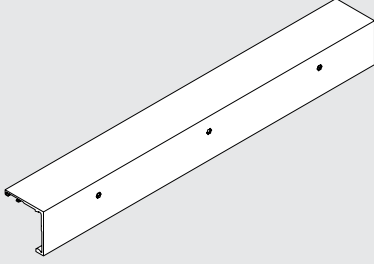
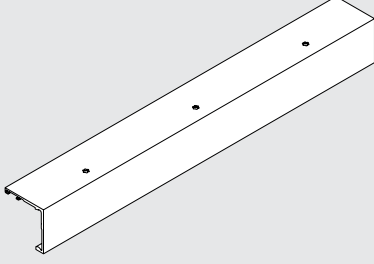
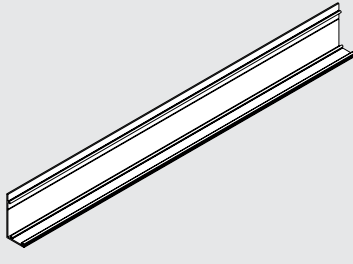
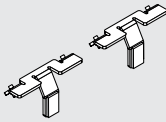
Complete sets - individual lengths

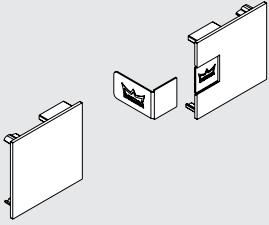
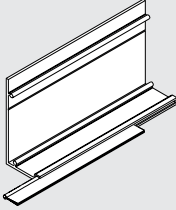
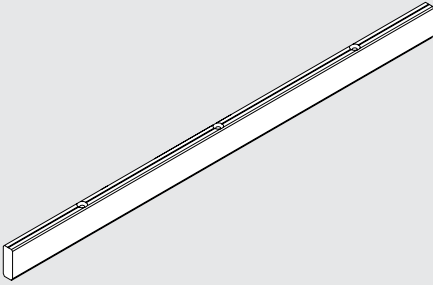
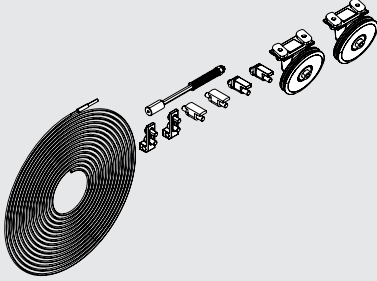
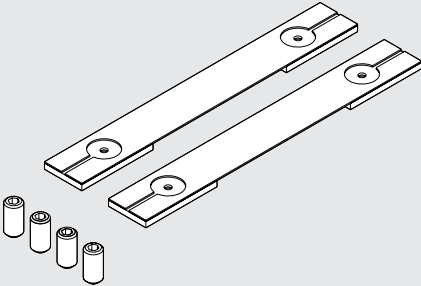
	Features and data	Glass thickness	Art. No.
	<p>MUTO Comfort L 80 Set for wall installation Individual profile length up to max. 3,980 mm incl. track profile, cover profile and brushes, accessory set, end caps</p> <p>max. 80 kg</p> <p>Please indicate clear opening width with order!</p>	8 – 13.5 mm	36.320
	<p>MUTO Comfort L 80 Set for ceiling installation Individual profile length up to max. 3,980 mm incl. track profile, cover profile and brushes, accessory set, end caps</p> <p>max. 80 kg</p> <p>Please indicate clear opening width with order!</p>	8 – 13.5 mm	36.321
	<p>MUTO Comfort L 80 Complete set fixed at ceiling, sidelight individual profile length up to max. 4,000 mm incl. track profile, cover profile, sidelight profile, view protection profile, filler profile, brushes, accessory set, end caps</p> <p>max. 80 kg</p> <p>Please indicate clear opening width with order!</p>	8 – 13,5 mm	36.306
	<p>MUTO Comfort L 80 Set for glass installation Individual profile length up to max. 4,067 mm incl. track profile, cover profile and brushes, counter profile, accessory set, end caps</p> <p>max. 80 kg</p> <p>Please indicate clear opening width with order!</p> <p>Note: Please take note of glass preparation on page 33</p>	8 – 13.5 mm	36.322

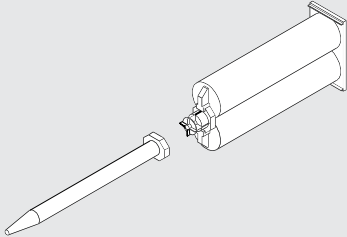
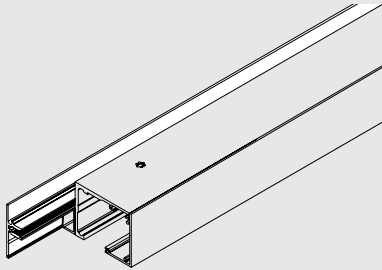
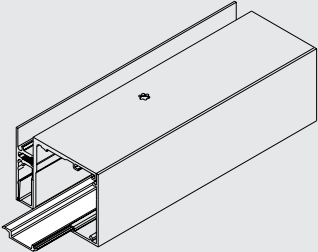
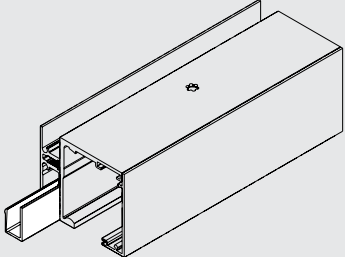
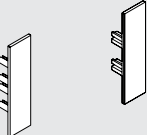
Complete sets – individual lengths with two door panels

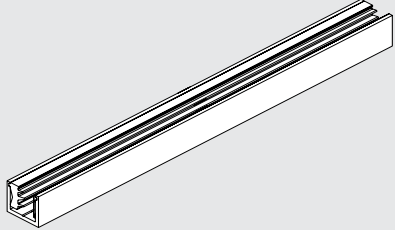
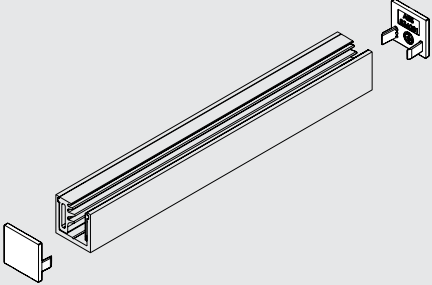
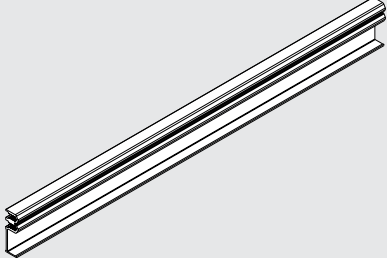
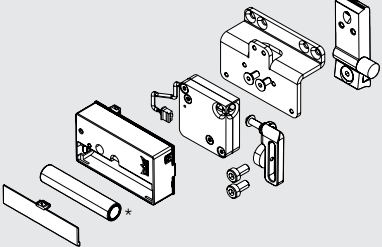
	Features and data	Glass thickness	Art. No.
	<p>MUTO Comfort L 80 Set for 2-panel door, wall installation Individual profile length up to max. 4,956 mm, incl. track profile, cover profile and brushes, accessory sets, end caps</p> <p>max. 80 kg</p> <p>Please indicate clear opening width with order!</p>	8 – 13.5 mm	36.323
	<p>MUTO Comfort L 80 Set for 2-panel door, ceiling installation Individual profile length up to max. 4,956 mm, incl. track profile, cover profile and brushes, accessory sets, end caps</p> <p>max. 80 kg</p> <p>Please indicate clear opening width with order!</p>	8 – 13.5 mm	36.324
	<p>MUTO Comfort L 80 Set for 2-panel door, glass installation Individual profile length up to max. 5,012 mm, incl. track profile, cover profile and brushes, counter profile, accessory sets, end caps</p> <p>max. 2 x 80 kg</p> <p>Please indicate clear opening width with order!</p> <p>Note: Please take note of glass preparation on page 34</p>	8 – 13.5 mm	36.325

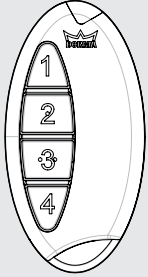
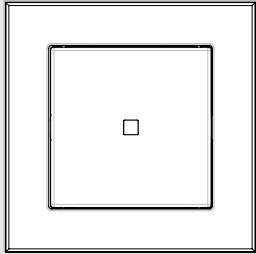
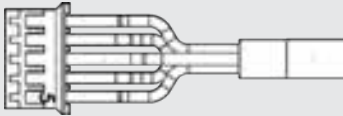
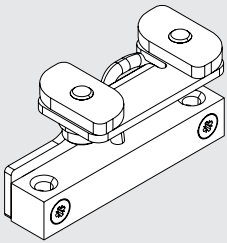
Component parts

	Features and data	Art. No.
	<p>Accessory set Consisting of: 2 Clamp carriers 2 Endstops 1 Floor guide</p>	<p>36.349</p>
	<p>DORMOTION unit Panel width min 660 mm, for max. 80 kg, incl. starter</p>	<p>36.361 Optional</p>
	<p>Track rail for wall installation</p> <p>stock length 6,000 mm fixed length</p>	<p>36.350 36.351</p>
	<p>Track rail for ceiling installation</p> <p>stock length 6,000 mm fixed length</p>	<p>36.352 36.353</p>
	<p>Cover profile</p> <p>stock length 6,000 mm fixed length</p>	<p>36.359 36.360</p>
	<p>MUTO spacer (2 pieces) for installation at ceiling between two walls</p>	<p>36.890</p>

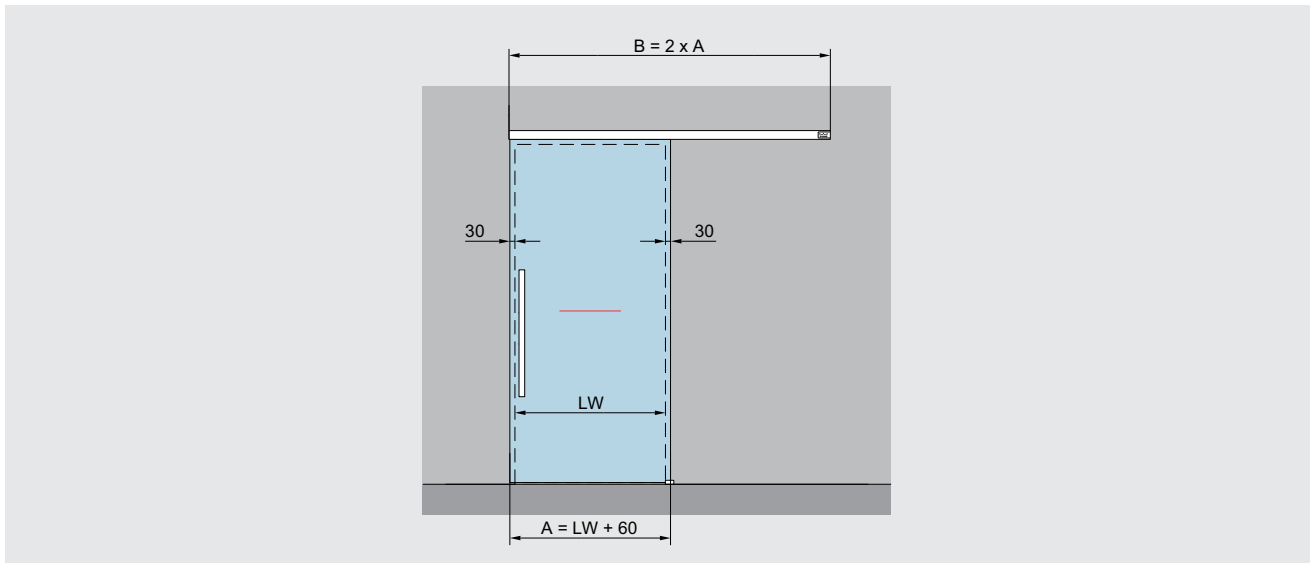
	Features and data	Art. No.
	<p>MUTO Comfort L 80 Set endcaps for wall and ceiling installation</p>	<p>36.354</p>
	<p>MUTO Brush profile set for Comfort M, L and Premium XL Consisting of: 1 Brush profile 8 – 10 mm glass 1 brush profile 12 – 13.5 mm glass</p>	<p>36.265</p>
	<p>MUTO Comfort L 80 Timber adapter set Profil 12.5 x 36 mm, incl. Accessories (with timber floor guide)</p> <p>1,460 mm fixed length</p>	<p>36.261 36.262</p>
	<p>MUTO Comfort L 80 Synchro set Consisting of: 1 Wire 2 Pulley</p> <p>Max. 80 kg per panel</p>	<p>36.357 Optional</p>
	<p>MUTO Comfort L 80 LSG set Accessory set for use with LSG for one pair of clamp carrier</p> <p>Consisting of: 2 Gaskets 4 Injector screw</p> <p>Please order the LSG glue 07.631 separately</p>	<p>36.270</p>

	Features and data	Art. No.
	<p>Special adhesive for use with LSG</p>	<p>07.631</p>
	<p>MUTO Comfort L 80 Side light profile 58 mm height, with gaskets, for 8 – 13.5 mm glass</p> <p>When installing between two walls, please give particular attention to the width of the end covers (each 2 mm).</p> <p>stock length 6,000 mm fixed length</p>	<p>36.271 36.274</p>
	<p>MUTO Filling profile for Comfort L, Premium XL and Self-Closing, for side light profile</p> <p>stock length 6,000 mm fixed length</p>	<p>36.800 36.801</p>
	<p>MUTO Filling profile for Comfort L, Premium XL and Self-Closing,</p> <p>stock length 6,000 mm fixed length</p>	<p>36.802 36.803</p>
	<p>MUTO Comfort L 80 End caps for side light profile, 58 mm height each 2 mm width (When installing between two walls, please give particular attention to it.)</p>	<p>36.273</p>

	Features and data	Glass thickness	Art. No.
	<p>MUTO Floor profile for Comfort L and Premium XL, for fixing side light, with gaskets, incl. end caps</p> <p>stock length 6,000 mm fixed length</p>	8 – 13,5 mm	<p>36.810 36.811</p>
	<p>MUTO End caps (2 pieces) for Comfort L and Premium XL, for Floor profile, for fixing side light</p>		36.812
	<p>MUTO Comfort Connecting profile for false ceiling, incl. accessory set</p> <p>stock length 6,000 mm fixed length</p>		<p>36.821 36.820</p>
	<p>MUTO Integrated locking device for Comfort L, not suitable as a security barrier Consisting of: 1 Adapter for track reception 1 Lock reception 1 Locking device 1 Frame system L & frame system XL 1 Battery</p> <p>* Battery for re-ordering</p>		<p>36.843</p> <p>38.845</p>

	Features and data	Art. No.
	<p>MUTO Radio remote control for Comfort L, Premium XL and Self-Closing,</p> <p>1 Radio remote control 1 Battery</p>	<p>36.848</p>
	<p>MUTO Wall switch with radio remote control for Comfort L, Premium XL and Self-Closing,</p> <p>1 Wall switch 1 Battery</p>	<p>36.849</p>
	<p>MUTO Locking device for Comfort L, Premium XL and Self-Closing,</p> <p>1 Cable set for connecting the status indicator in the lock unit</p>	<p>36.855</p>
	<p>MUTO Locking device set for Comfort L and Premium XL Consisting of: 1 Sensor 1 Adapter for track reception 1 Cable</p>	<p>36.840</p>

Type illustrations wall installation

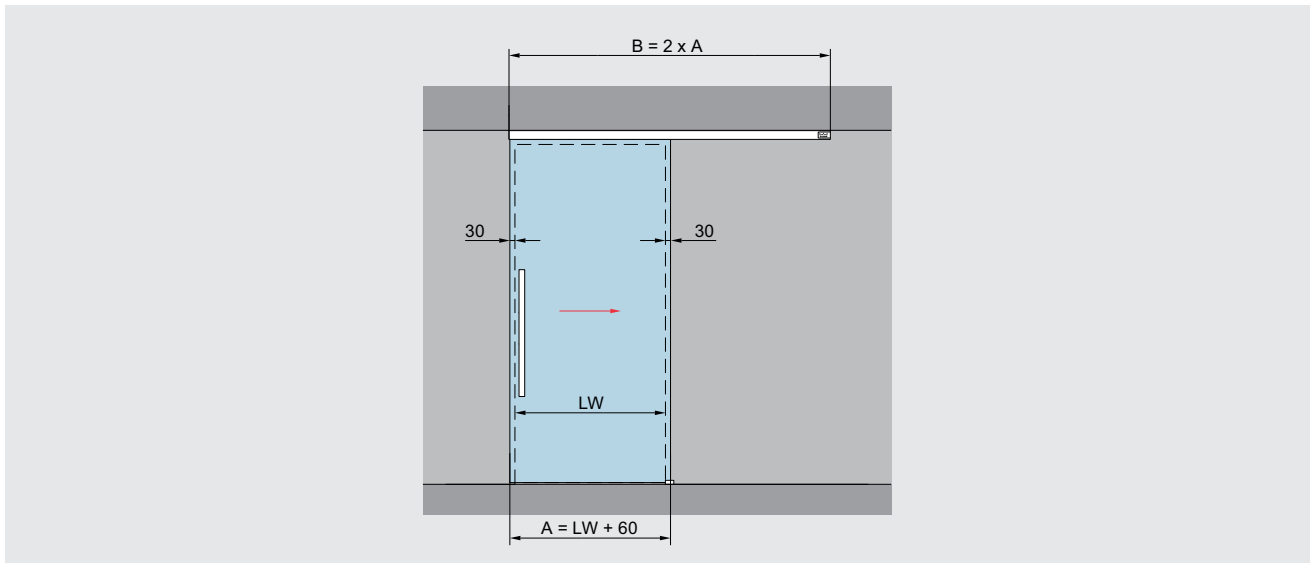


Fixed at wall	Features and data	Glass thickness
	<p>For installation with one or two door panels</p> <p>Max. weight of door panels 80 kg 150 kg</p> <p>Calculation of glass height $GH = LH + 22 + X$ mm max. 3,000 mm</p> <p>Calculation of glass width $A = LW + 60$ mm min. 810 mm for Premium XL 80 min. 1,020 mm for Premium XL 150 max. 2,500 mm max. $2 \times 1,470$ mm</p>	8 – 13.5 mm

- A = Glass width
- B = Length of track
- GH = Glass height
- H = Total height
- LH = Clear opening height

- LW = Clear opening width
- t = Glass thickness
- Y = $72 \text{ mm} - 20 \text{ mm} - t$
- X = Freely selectable protrusion (depending on structural conditions)

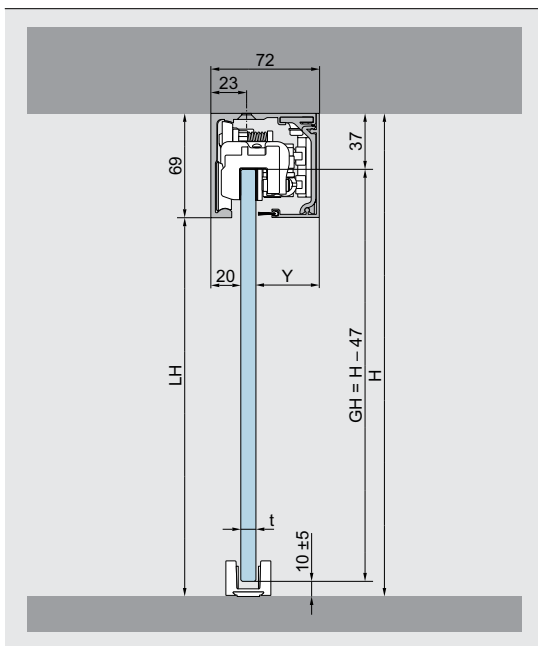
Type illustrations ceiling installations



Fixed at ceiling

Features and data

Glass thickness



For installation with one or two door panels

8 – 13.5 mm

Max. weight of door panels

80 kg
150 kg

Calculation of glass height

$GH = H - 47$ mm
max. 3,000 mm

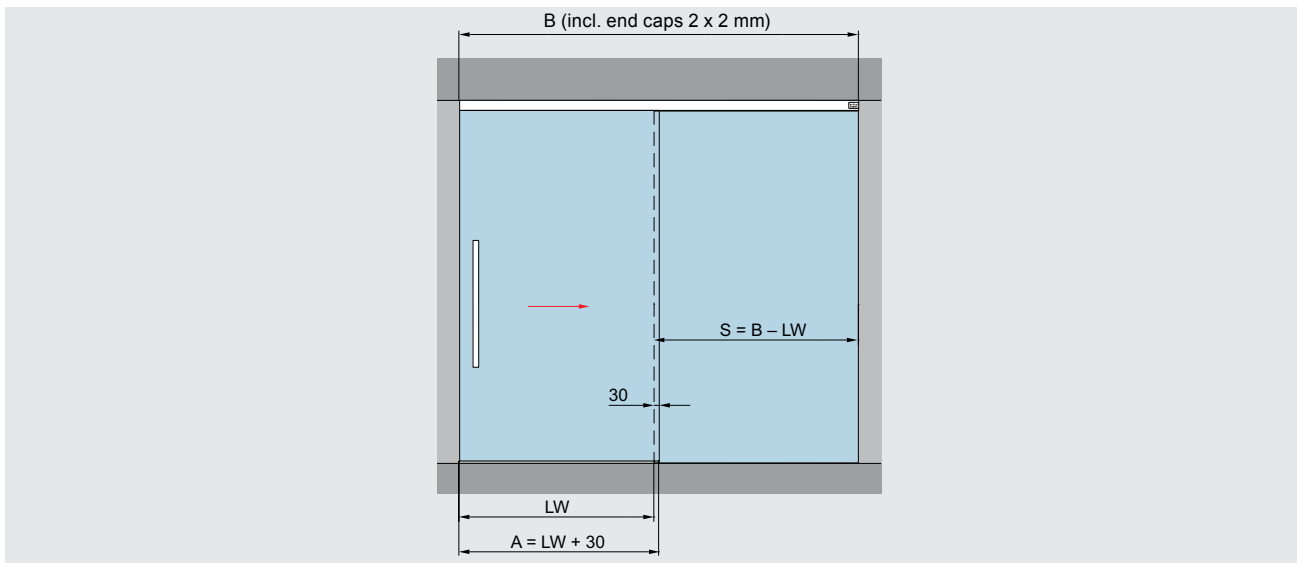
Calculation of glass width

$A = LW + 60$ mm
min. 810 mm for Premium XL 80
min. 1,020 mm for Premium XL 150
max. $2 \times 1,470$ mm

A = Glass width
B = Length of track
GH = Glass height
H = Total height

LH = Clear opening height
LW = Clear opening width
t = Glass thickness
Y = $72 \text{ mm} - 20 \text{ mm} - t$

Type illustrations with sidelight, on one side

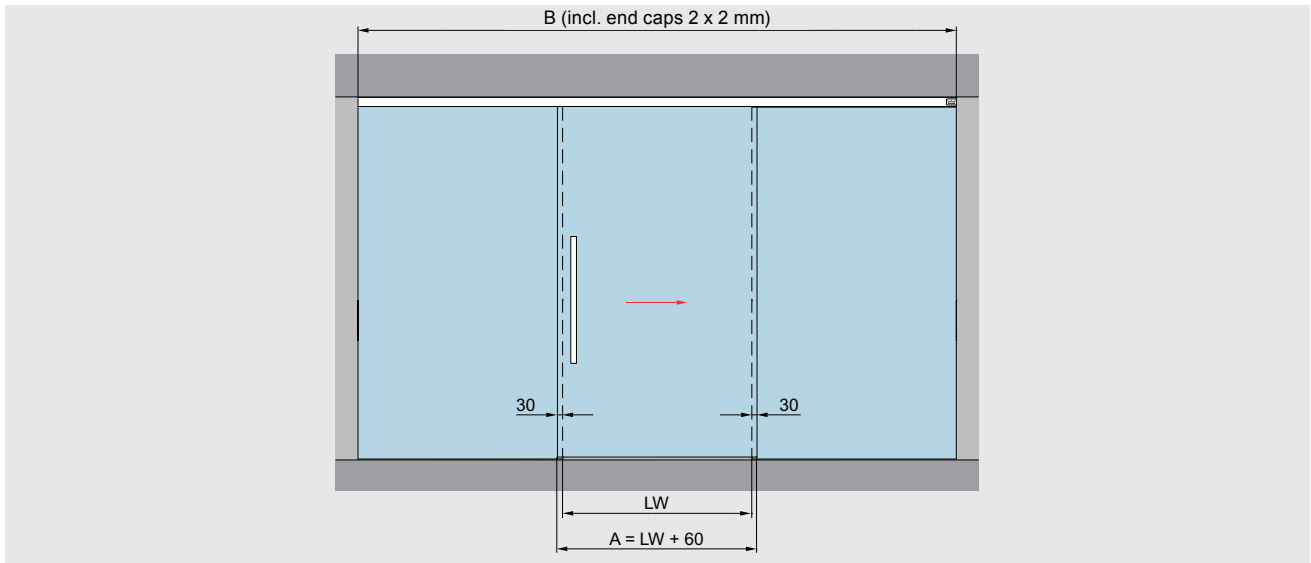


Fixed at ceiling	Fixed at false ceiling	Features and data	Glass thickness
		<p>For installation with one or two door panels</p> <p>Max. weight of door panels 80 kg 150 kg</p> <p>Calculation of glass height for installation at ceiling GH1 = H - 47 mm GH2 = H - 62 mm max. 3,000 mm</p> <p>Calculation of glass height for installation at false ceiling GH1 = LH + 21 mm GH2 = LH + 6 mm max. 3,000 mm</p> <p>Calculation of glass width A = LW + 30 mm min. 810 mm für Premium XL 80 min. 1,020 mm für Premium XL 150 max. 2,500 mm</p>	8 – 13.5 mm

- A = Glass width
- B = Length of track
- GH1 = Glass height sliding door
- GH2 = Glass height sidelight
- H = Total height
- LH = Clear opening height

- LW = Clear opening width
- S = Glass width sidelight
- t1 = Glass thickness sliding door
- t2 = Glass thickness sidelight
- Y = 72 mm - 20 mm - t1

Type illustrations with sidelight, on both sides

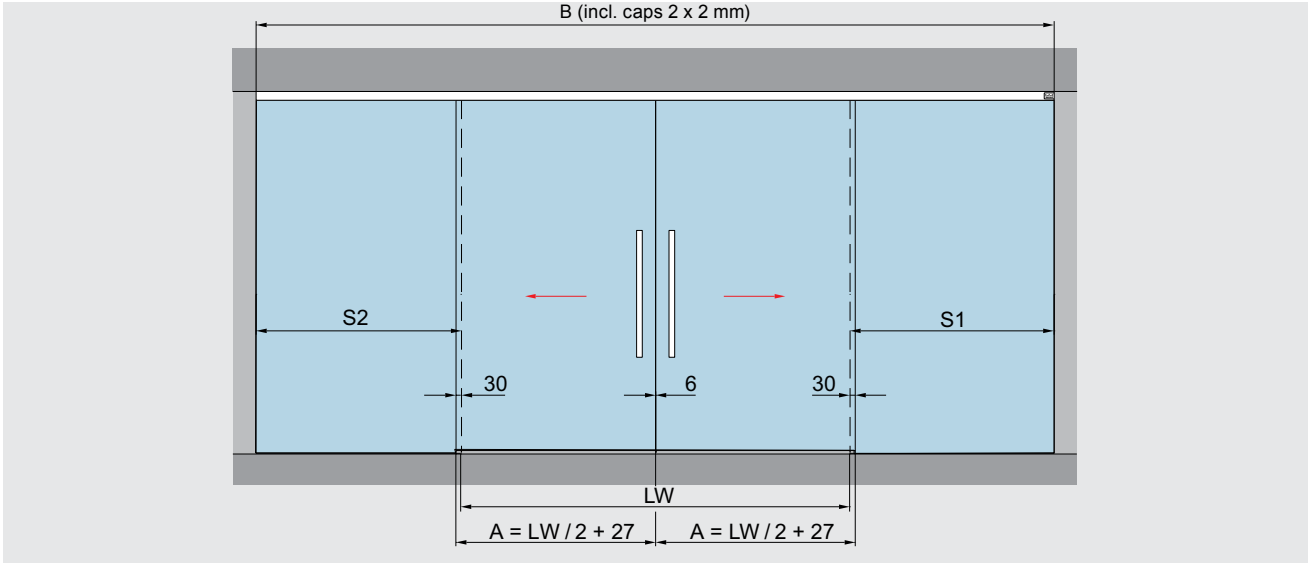


Fixed at ceiling	Fixed at false ceiling	Features and data	Glass thickness
		<p>For installation with one or two door panels</p> <p>Max. weight of door panels 80 kg 150 kg</p> <p>Calculation of glass height for installation at ceiling GH1 = H - 47 mm GH2 = H - 62 mm max. 3,000 mm</p> <p>Calculation of glass height for installation at false ceiling GH1 = LH + 21 mm GH2 = LH + 6 mm max. 3,000 mm</p> <p>Calculation of glass width A = LW + 60 mm min. 810 mm für Premium XL 80 min. 1,020 mm für Premium XL 150 max. 2,500 mm</p>	8 – 13.5 mm

A = Glass width
B = Length of track
GH1 = Glass height sliding door
GH2 = Glass height sidelight
H = Total height

LH = Clear opening height
LW = Clear opening width
t1 = Glass thickness sliding door
t2 = Glass thickness sidelight
Y = 72 mm - 20 mm - t1

Type illustrations with two door panels with sidelights

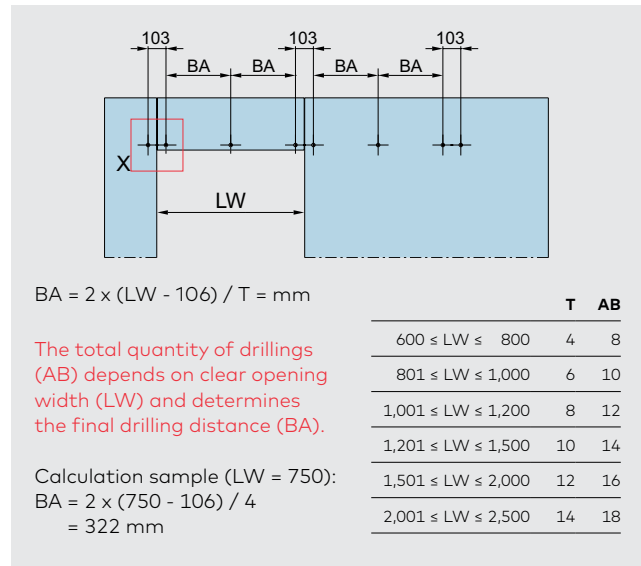
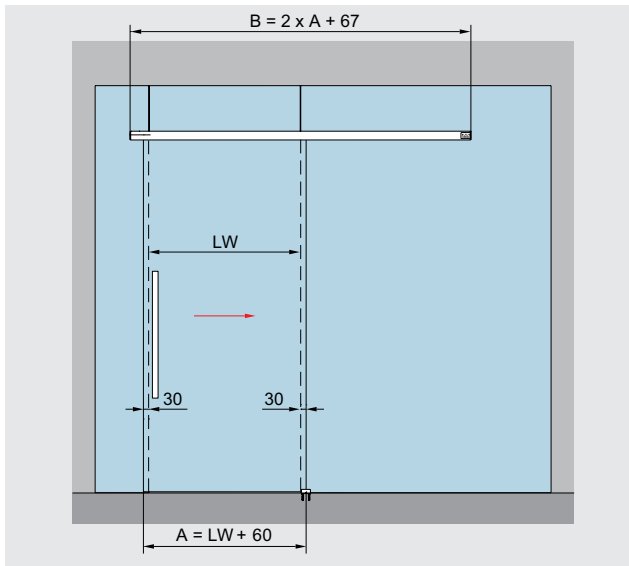


Fixed at ceiling	Fixed at false ceiling	Features and data	Glass thickness
		<p>For installation with two door panels with sidelights</p> <p>Max. weight of door panels 80 kg 150 kg</p> <p>Calculation of glass height for installation at ceiling GH1 = H - 47 mm GH2 = H - 62 mm max. 3,000 mm</p> <p>Calculation of glass height for installation at false ceiling GH1 = LH + 21 mm GH2 = LH + 6 mm max. 3,000 mm</p> <p>Calculation of glass width A = LW / 2 + 27 mm min. 810 mm für Premium XL 80 max. 2 x 1,427 mm min. 1,020 mm für Premium XL 150 max. 2 x 1,427 mm</p>	8 – 13.5 mm

- A = Glass width
- B = Length of track
- GH1 = Glass height sliding door
- GH2 = Glass height sidelight
- H = Total height

- LH = Clear opening height
- LW = Clear opening width
- t1 = Glass thickness sliding door
- t2 = Glass thickness sidelight
- Y = 72 mm - 20 mm - t1

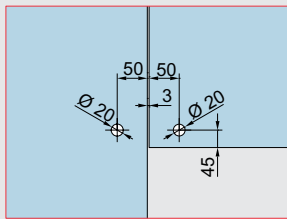
Type illustrations glass installation



Glass preparation

Features and data

Glass thickness



Detail X

For installation with one or two door panels

8 – 13.5 mm

Max. weight of door panels

80 kg, 150 kg

Calculation of glass height

$GH = LH + 22 \text{ mm}$, max. 3,000 mm

Calculation of glass width

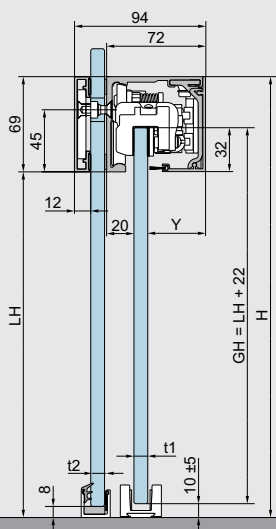
$A = LW + 60 \text{ mm}$
 min. 810 mm for Premium XL 80, min. 1,020 mm for Premium XL 150
 max. 2,500 mm

Fixed at glass

Features and data

XL 80

XL 150



To ensure a correct and aligned mounting of the track rail, a fully supporting fixed panel must be installed.

MUTO Premium

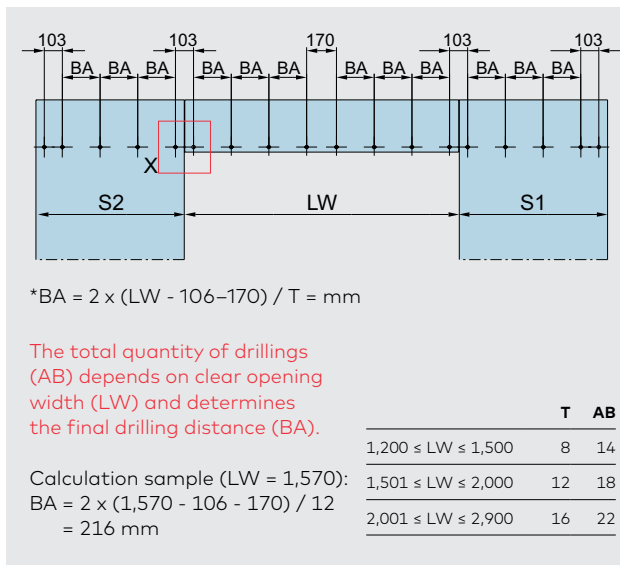
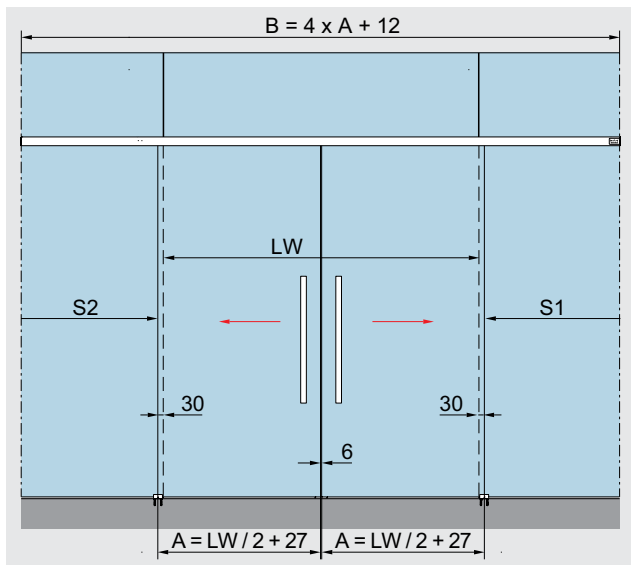
min. glass width without DORMOTION	-	-
min. clear opening width without DORMOTION	-	-
min. glass width with DORMOTION	810 mm	1,020 mm
min. clear opening width with DORMOTION	750 mm	960 mm
max. Glass width	2,500 mm	2,500 mm
max. Glass width	2,440 mm	2,440 mm

A = Glass width
 AB = Quantity of drillings
 B = Length of track
 BA = Drilling distance

H = Total height
 LH = Clear opening height
 LW = Clear opening width
 GH = Glass height

T = Quantity of drillings distance signed with BA
 t1 = Glass thickness sliding door (8 – 13.5 mm)
 t2 = Glass thickness fixed panel (10 – 19 mm)
 Y = 72 mm – 20 mm – t1

Type illustrations with two door panels fixed at glass

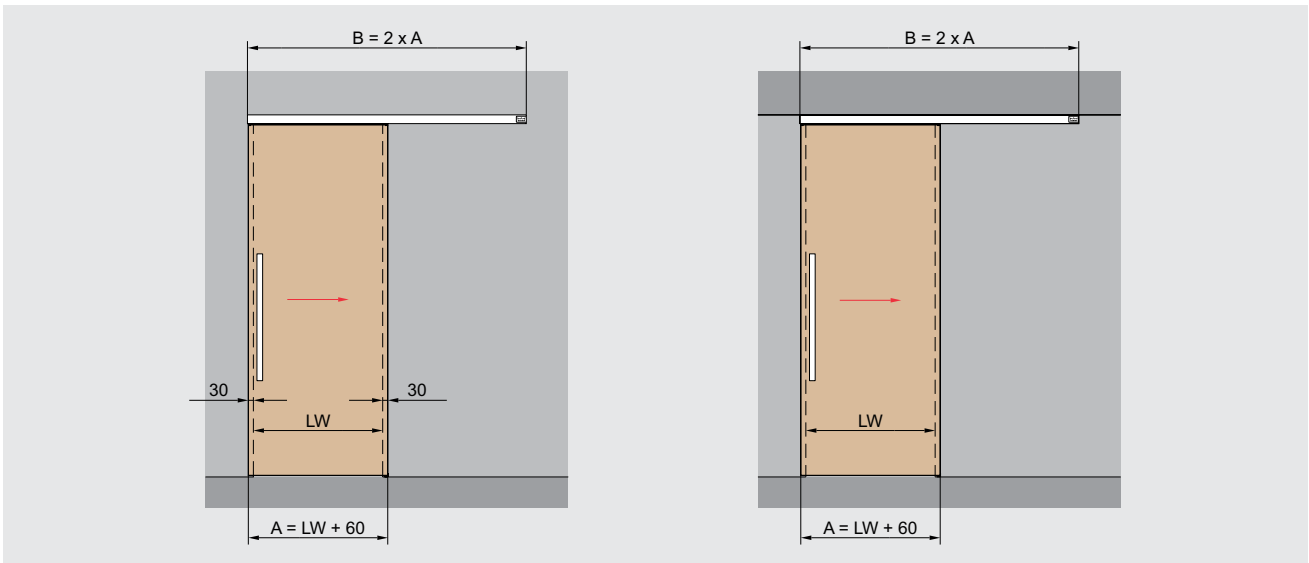


Glass preparation	Features and data	Glass thickness
<p>Detail X</p>	<p>For installation with two door panels with sidelights</p> <p>Max. weight of door panels 80 kg, 150 kg</p> <p>Calculation of glass height GH = LH + 22 mm, max. 3,000 mm</p> <p>Calculation of glass width A = LW / 2 + 27 mm min. 810 mm for Premium XL 80, max. 2 x 1,470 mm min. 1,020 mm for Premium XL 150, max. 2 x 1,470 mm</p>	8 – 13.5 mm

Fixed at glass	Features and data	XL 80	XL 150																					
	<p>To ensure a correct and aligned mounting of the track rail, a fully supporting fixed panel must be installed.</p> <p>MUTO Premium</p> <table border="1"> <thead> <tr> <th></th> <th>XL 80</th> <th>XL 150</th> </tr> </thead> <tbody> <tr> <td>min. glass width without DORMOTION</td> <td>660 mm</td> <td>660 mm</td> </tr> <tr> <td>min. clear opening width without DORMOTION</td> <td>1,270 mm</td> <td>1,270 mm</td> </tr> <tr> <td>min. glass width with DORMOTION</td> <td>810 mm</td> <td>1,020 mm</td> </tr> <tr> <td>min. clear opening width with DORMOTION</td> <td>1,570 mm</td> <td>1,990 mm</td> </tr> <tr> <td>max. Glass width</td> <td>1,470 mm</td> <td>1,470 mm</td> </tr> <tr> <td>max. Clear opening width</td> <td>2,890 mm</td> <td>2,890 mm</td> </tr> </tbody> </table>		XL 80	XL 150	min. glass width without DORMOTION	660 mm	660 mm	min. clear opening width without DORMOTION	1,270 mm	1,270 mm	min. glass width with DORMOTION	810 mm	1,020 mm	min. clear opening width with DORMOTION	1,570 mm	1,990 mm	max. Glass width	1,470 mm	1,470 mm	max. Clear opening width	2,890 mm	2,890 mm		
	XL 80	XL 150																						
min. glass width without DORMOTION	660 mm	660 mm																						
min. clear opening width without DORMOTION	1,270 mm	1,270 mm																						
min. glass width with DORMOTION	810 mm	1,020 mm																						
min. clear opening width with DORMOTION	1,570 mm	1,990 mm																						
max. Glass width	1,470 mm	1,470 mm																						
max. Clear opening width	2,890 mm	2,890 mm																						

- A = Glass width
- AB = Quantity of drillings
- B = Length of track
- BA = Drilling distance
- H = Total height
- LH = Clear opening height
- LW = Clear opening width
- GH = Glass height
- T = Quantity of drillings distance signed with BA
- t1 = Glass thickness sliding door (8 – 13.5 mm)
- t2 = Glass thickness fixed panel (10 – 19 mm)
- Y = 72 mm – 20 mm – t1

Type illustrations for timber door applications

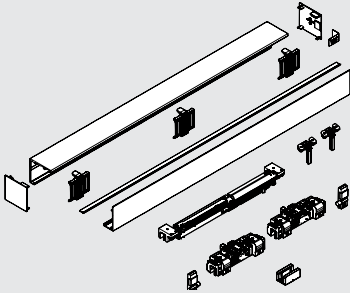
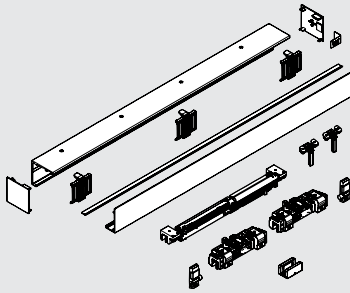
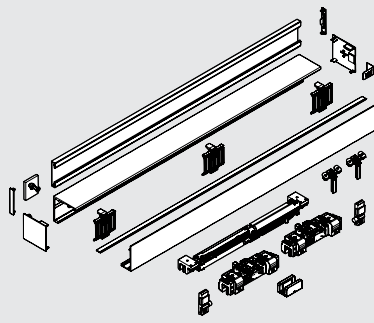


Fixed at wall	Fixed at ceiling	Features and data	Wood thickness
		<p>For installation with timber doors</p> <p>Max. weight of door panels 80 kg 150 kg</p> <p>Calculation of door height fixed at wall $TH = LH - 18 + X$ mm max. 3,000 mm</p> <p>Calculation of door height fixed at ceiling $TH = H - 87$ mm max. 3,000 mm</p> <p>Calculation of door width $A = LW + 60$ mm min. 810 mm for Premium XL 80 min. 1,020 mm for Premium XL 150 max. 2 x 1,470 mm</p>	28 – 50 mm

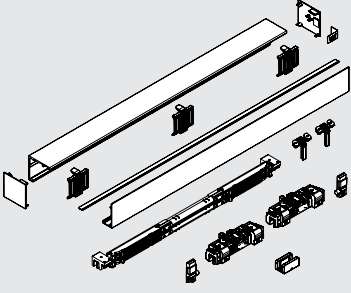
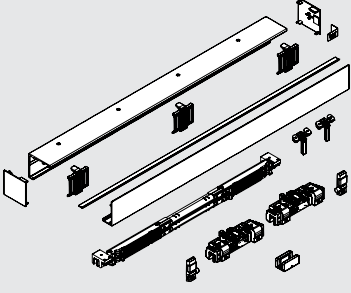
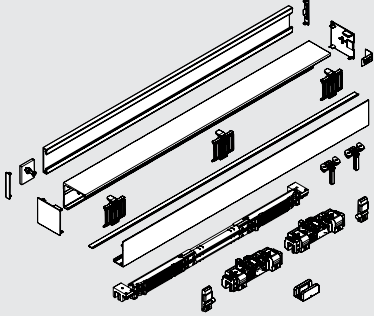
- A = Glass width
- B = Length of track
- H = Total height
- LH = Clear opening height

- LW = Clear opening width
- TH = Door height
- u = Wood thickness
- X = Freely selectable protrusion (depending on structural conditions)

Complete sets – defined lengths

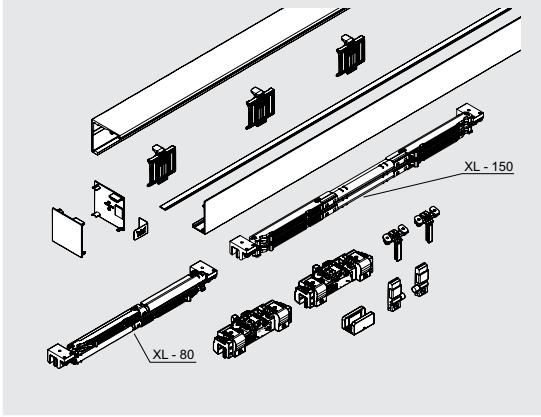
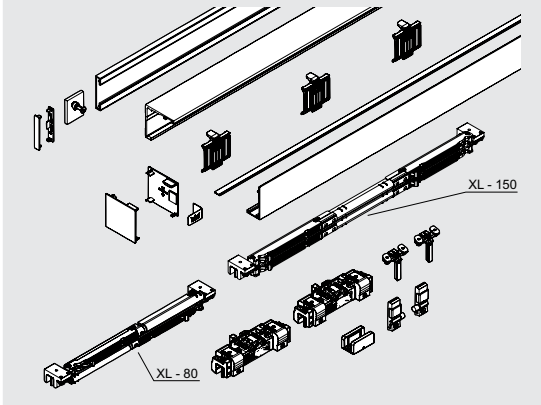
	Features and data	Panel width	Profile length	Glass thickness	Art. No.	
	MUTO Premium XL 80 Set for wall installation	900 1,200 1,450	1,780 2,380 2,880	8 – 13.5 mm 8 – 13.5 mm 8 – 13.5 mm	36.500 36.501 36.502	
	incl. track profile, cover profile and brushes, DORMOTION unit, accessory set, end caps					
	max. 80 kg					
	MUTO Premium XL 80 Set for ceiling installation	900 1,200 1,450	1,780 2,380 2,880	8 – 13.5 mm 8 – 13.5 mm 8 – 13.5 mm	36.503 36.504 36.505	
	incl. track profile, cover profile and brushes, DORMOTION unit, accessory set, end caps					
	max. 80 kg					
	Features and data	Clear opening width	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Premium XL 80 Set for glass installation	850 1,050 1,250	910 1,110 1,310	1,887 2,287 2,687	8 – 13.5 mm 8 – 13.5 mm 8 – 13.5 mm	36.506 36.507 36.508
	incl. track profile, cover profile and brushes, counter profile, DORMOTION unit, accessory set, end caps					
	max. 80 kg					

Note: Please take note of glass preparation on page 49

	Features and data	Panel width	Profile length	Glass thickness	Art. No.	
	MUTO Premium XL 150 Set for wall installation incl. track profile, cover profile and brushes, DORMOTION unit, accessory set, end caps	1,250 1,450	2,480 2,880	8 – 13.5 mm 8 – 13.5 mm	36.509 36.510	
	max. 150 kg					
	MUTO Premium XL 150 Set for ceiling installation incl. track profile, cover profile and brushes, DORMOTION unit, accessory set, end caps	1,250 1,450	2,480 2,880	8 – 13.5 mm 8 – 13.5 mm	36.511 36.512	
	max. 150 kg					
	Features and data	Clear opening width	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Premium XL 150 Set for glass installation incl. track profile, cover profile and brushes, counter profile, DORMOTION unit, accessory set, end caps	1,250 1,400	1,310 1,460	2,687 2,987	8 – 13.5 mm 8 – 13.5 mm	36.513 36.514
	max. 150 kg					

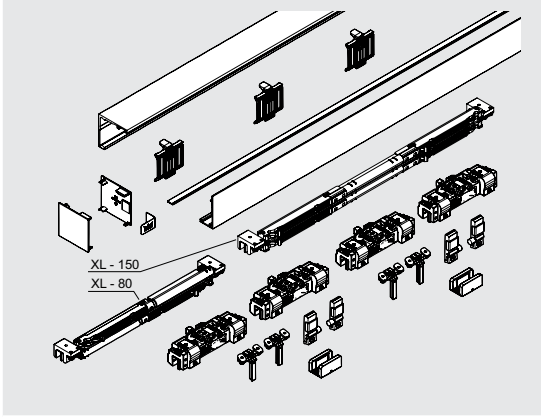
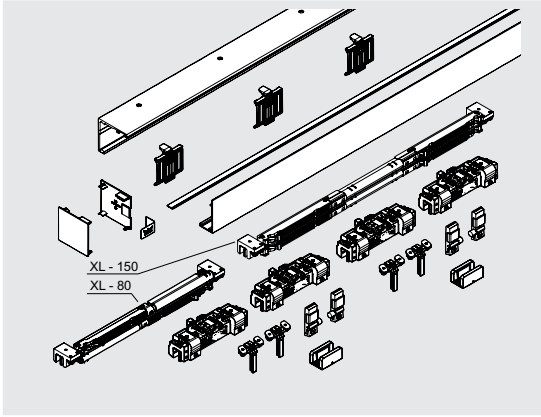
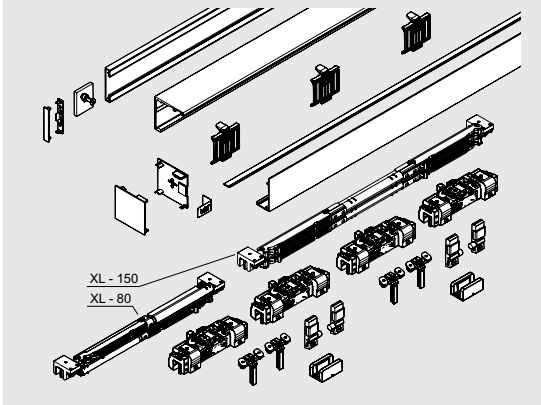
Note: Please take note of glass preparation on page 49

Complete sets – individual lengths

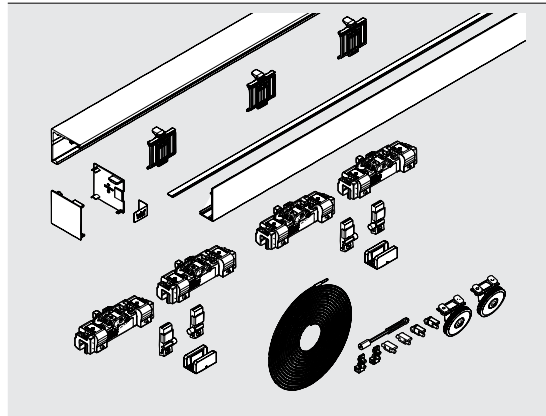
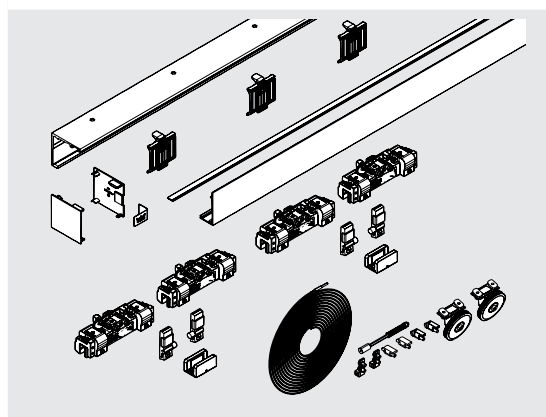
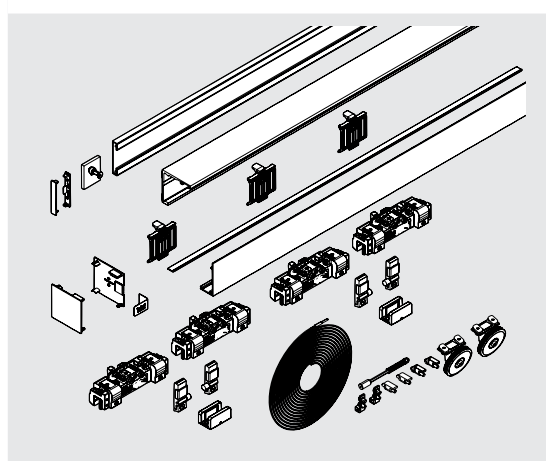
	Features and data	Glass thickness	Art. No.
	<p>MUTO Premium XL 80/150 Set for wall installation Individual profile length up to max. 5,000 mm incl. track profile, cover profile and brushes, DORMOTION unit, accessory set, end caps</p>		
	<p>incl. DORMOTION XL – 80 max. 80 kg/min. 810 mm/max. 2,500 mm</p> <p>incl. DORMOTION XL – 150 max. 150 kg/min. 1,020 mm/max. 2,500 mm</p>	<p>8–13.5 mm</p> <p>8–13.5 mm</p>	<p>36.520</p> <p>36.521</p>
	<p>MUTO Premium XL 80/150 Set for ceiling installation Individual profile length up to max. 5,000 mm incl. track profile, cover profile and brushes, DORMOTION unit, accessory set, end caps</p>		
	<p>incl. DORMOTION XL – 80 max. 80 kg/min. 810 mm/max. 2,500 mm</p> <p>incl. DORMOTION XL – 150 max. 150 kg/min. 1,020 mm/max. 2,500 mm</p>	<p>8–13.5 mm</p> <p>8–13.5 mm</p>	<p>36.522</p> <p>36.523</p>
	<p>MUTO Premium XL80/150 Complete set for installation at ceiling + side light individual profile length up to max. 5,000 mm incl. track profile, cover profile, side light sight protection profile, filler profile, brushes, DORMOTION unit, accessory set, end caps, max 80 kg</p>		
	<p>incl. DORMOTION XL – 80 max. 80 kg/min. 810 mm/max. 2,500 mm</p> <p>incl. DORMOTION XL – 150 max. 150 kg/min. 1,020 mm/max. 2,500 mm</p>	<p>8–13,5 mm</p> <p>8–13,5 mm</p>	<p>36.515</p> <p>36.516</p>
	<p>MUTO Premium XL 80/150 Set for glass installation Individual profile length up to max. 5,067 mm incl. track profile, cover profile and brushes, counter profile, DORMOTION unit, accessory set, end caps</p>		
	<p>incl. DORMOTION XL – 80 max. 80 kg/min. 810 mm/max. 2,500 mm</p> <p>incl. DORMOTION XL – 150 max. 150 kg/min. 1,020 mm/max. 2,500 mm</p>	<p>8–13.5 mm</p> <p>8–13.5 mm</p>	<p>36.524</p> <p>36.525</p>

Note: Please take note of glass preparation on page 49

Complete sets – individual lengths, with two door panels

	Features and data	Glass thickness	Art. No.
	MUTO Premium XL 80/150 Set for wall installation (with two door panels) Individual profile length up to max. 5,900 mm incl. track profile, cover profile and brushes, DORMOTION unit, accessory sets, end caps		
	incl. DORMOTION XL – 80 max. 80 kg/min. 810 mm/max. 1,470 mm	8–13.5 mm	36.526
	incl. DORMOTION XL – 150 max. 150 kg/min. 1,020 mm/max. 1,470 mm	8–13.5 mm	36.527
	MUTO Premium XL 80/150 Set for ceiling installation (with two door panels) Individual profile length up to max. 5,900 mm incl. track profile, cover profile and brushes, DORMOTION unit, accessory sets, end caps		
	incl. DORMOTION XL – 80 max. 80 kg/min. 810 mm/max. 1,470 mm	8–13.5 mm	36.528
	incl. DORMOTION XL – 150 max. 150 kg/min. 1,020 mm/max. 1,470 mm	8–13.5 mm	36.529
	MUTO Premium XL 80/150 Set for glass installation (with two door panels) Individual profile length up to max. 5,900 mm incl. track profile, cover profile and brushes, counter profile, DORMOTION unit, accessory sets, end caps		
	incl. DORMOTION XL – 80 max. 80 kg/min. 810 mm/max. 1,470 mm	8–13.5 mm	36.530
	incl. DORMOTION XL – 150 max. 150 kg/min. 1,020 mm/max. 1,470 mm	8–13.5 mm	36.531

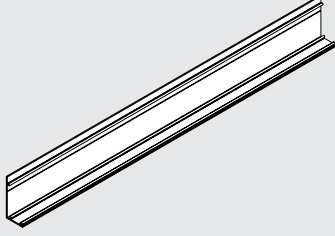
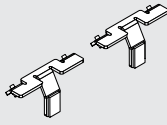
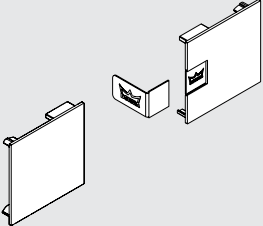
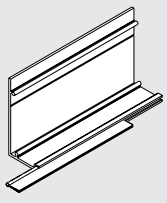
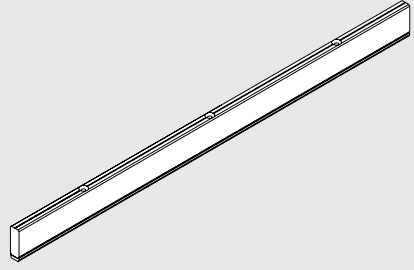
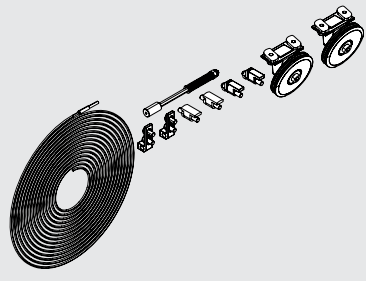
Note: Please take note of
glass preparation on page 50

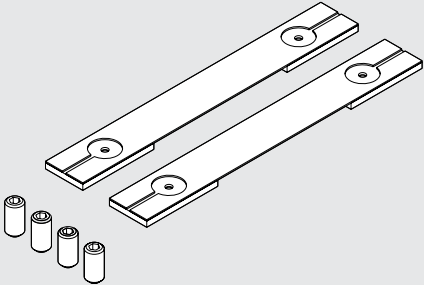
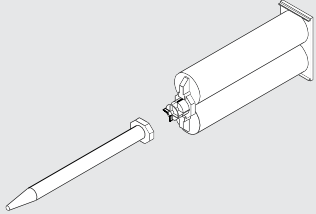
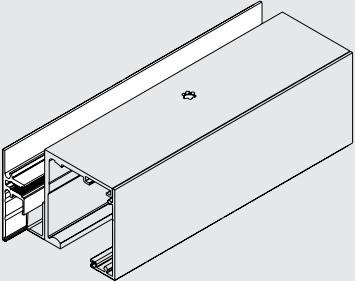
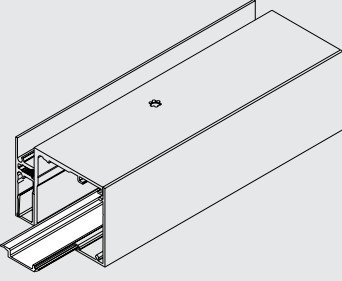
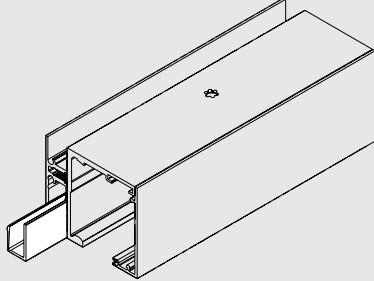
	Features and data	Glass thickness	Art. No.
	<p>Comfort XL Synchro Set for 2-panel door, wall installation, fixed length without DORMOTION Profile length xxxx mm* (max. 5.000 mm) Min. panel width 660 mm Max. panel width 1.470 mm</p> <p>Incl. track profile, cover profile and brushes</p>	8-13.5 mm	36.532
	<p>Comfort XL Synchro Set for 2-panel door, ceiling installation, fixed length without DORMOTION Profile length xxxx mm* (max. 5.000 mm) Min. panel width 660 mm Max. panel width 1.470 mm</p> <p>Incl. track profile, cover profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness</p>	8-13.5 mm	36.533
	<p>Comfort XL Synchro Set for 2-panel door, glass installation, fixed length without DORMOTION Profile length xxxx mm* (max. 5.092 mm) Min. panel width 660 mm (min. LW 1.266 mm) Max. panel width 1.470 mm (max. LW 2.886 mm)</p> <p>Incl. track profile, cover profile, counter profile and brushes</p>	8-13.5 mm	36.534

* to be defined by customer

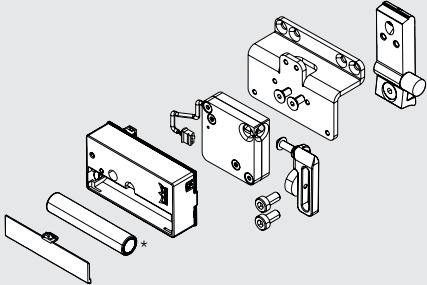
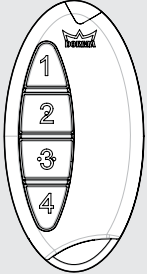
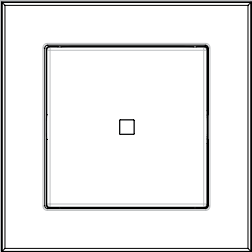
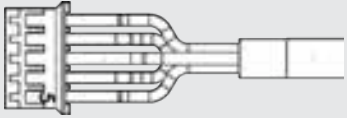
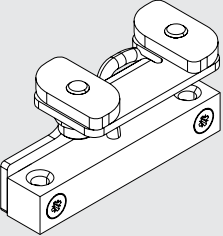
Component parts

	Features and data	Art. No.
	MUTO Premium XL 80/150 Accessory set Consisting of: 2 Clamp carriers 2 Endstops 1 Floor guide	36.550
	MUTO Premium XL 80 DORMOTION unit Panel width min. 810 mm for max. 80 kg, incl. starter	36.557
	MUTO Premium XL 150 DORMOTION unit Panel width min. 1,020 mm for max. 150 kg, incl. starter	36.558
	MUTO Premium XL 80/150 Track rail DORMOTION Fixed at wall stock length 6,000 mm fixed length	36.552 36.553
	MUTO Premium XL 80/150 Track rail DORMOTION Fixed at ceiling stock length 6,000 mm fixed length	36.554 36.555

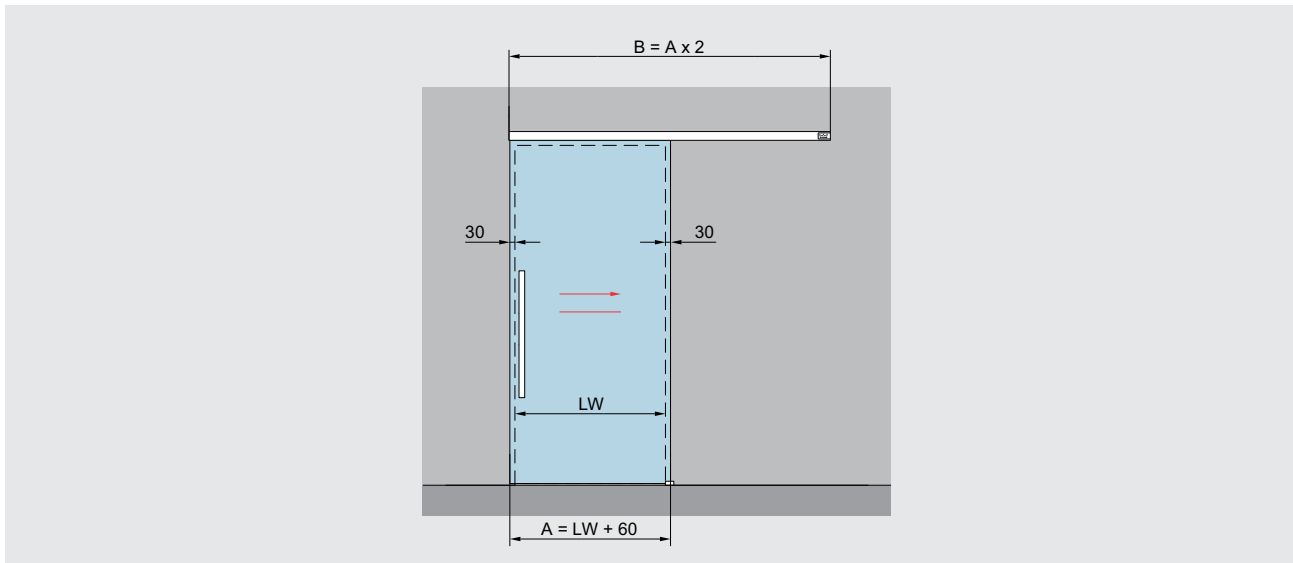
	Features and data	Art. No.
	MUTO Premium XL 80/150 Cover profile stock length 6,000 mm fixed length	36.566 36.567
	MUTO spacer (2 pieces) for installation at ceiling between two walls	36.890
	MUTO Premium XL 80/150 Set endcaps for wall and ceiling installation	36.556
	MUTO Brush profile set for Comfort M, L and Premium XL Consisting of: 1 brush profile 8 – 10 mm glass 1 brush profile 12 – 13.5 mm glass	36.265
	MUTO Premium XL 80/150 Timber adapter set Profile 12.5 x 36 mm + 12.5 x 4 mm, incl. Accessories (with timber floor guide) 1,460 mm fixed length max. 2,500 mm	36.461 36.464
	MUTO Premium XL 80/150 Synchro set Consisting of: 1 wire 2 pulley Max. 80 kg per panel	36.560 Optional

	Features and data	Art. No.
	<p>MUTO Premium XL 80/150 LSG-Set Accessory set for use with LSG for one pair of clamp carrier</p> <p>Consisting of: 2 Gaskets 4 injector screw</p> <p>Please order the LSG glue 07.631 separately</p>	<p>36.468</p>
	<p>Special adhesive for use with LSG</p>	<p>07.631</p>
	<p>MUTO Premium XL 80/150 Side light profile 69 mm high, with gaskets, for 8 – 13.5 mm glass</p> <p>stock length 6,000 mm fixed length</p> <p>When installing between two walls, please give particular attention to the width of the end covers (each 2 mm).</p>	<p>36.469 36.474</p>
	<p>MUTO Filling profile for Comfort L, Premium XL and Self-Closing, for side light profile</p> <p>stock length 6,000 mm fixed length</p>	<p>36.800 36.801</p>
	<p>MUTO Filling profile for Comfort L, Premium XL and Self-Closing,</p> <p>stock length 6,000 mm fixed length</p>	<p>36.802 36.803</p>

	Features and data	Art. No.
	<p>MUTO Premium XL 80/150 End caps for side light profile, 58 mm high each 2 mm width (When installing between two walls, please give particular attention to it.)</p>	<p>36.471</p>
	<p>MUTO Floor profile for Comfort L and Premium XL, for fixing side light, with gaskets, for 8 - 13.5 mm glass, incl. end caps</p> <p>stock length 6,000 mm fixed length</p>	<p>36.810 36.811</p>
	<p>MUTO End caps (2 pieces) for Comfort L and Premium XL, for Floor profile, for fixing side light</p>	<p>36.812</p>
	<p>MUTO Connecting profile for false ceilings, incl. acces- sory set for Comfort M, L and Premium XL,</p> <p>stock length 6,000 mm fixed length</p>	<p>36.821 36.820</p>
	<p>MUTO Premium XL 80/150 Subsurface floor guide track rail with brushes</p> <p>stock length 6,000 mm fixed length</p>	<p>36.561 36.562</p>
	<p>MUTO Comfort Floorstop for Comfort M, L and Premium XL, for glass- oder timber side light</p>	<p>36.851</p>

	Features and data	Art. No.
	<p>MUTO Integrated locking device for Premium XL and Self-Closing, not suitable as a security barrier Consisting of: 1 Adapter for track reception 1 Lock reception 1 Locking device 1 Frame system L & frame system XL 1 Battery</p> <p>* Battery for re-ordering</p>	<p>36.842</p> <p>38.845</p>
	<p>MUTO Radio remote control for Comfort L, Premium XL and Self-Closing,</p> <p>1 Radio remote control 1 Battery</p>	<p>36.848</p>
	<p>MUTO Wall switch with radio remote control for Comfort L, Premium XL and Self-Closing,</p> <p>1 Wall switch 1 Battery</p>	<p>36.849</p>
	<p>MUTO Locking device for Comfort L, Premium XL and Self-Closing,</p> <p>Single cable set for indicator and low battery warning</p>	<p>36.855</p>
	<p>MUTO Locking device set for Comfort L and Premium XL Consisting of: 1 Sensor 1 Adapter for track reception 1 Cable</p>	<p>36.840</p>

Type illustrations wall installation



Opening to right side, closing to left side (DIN left)

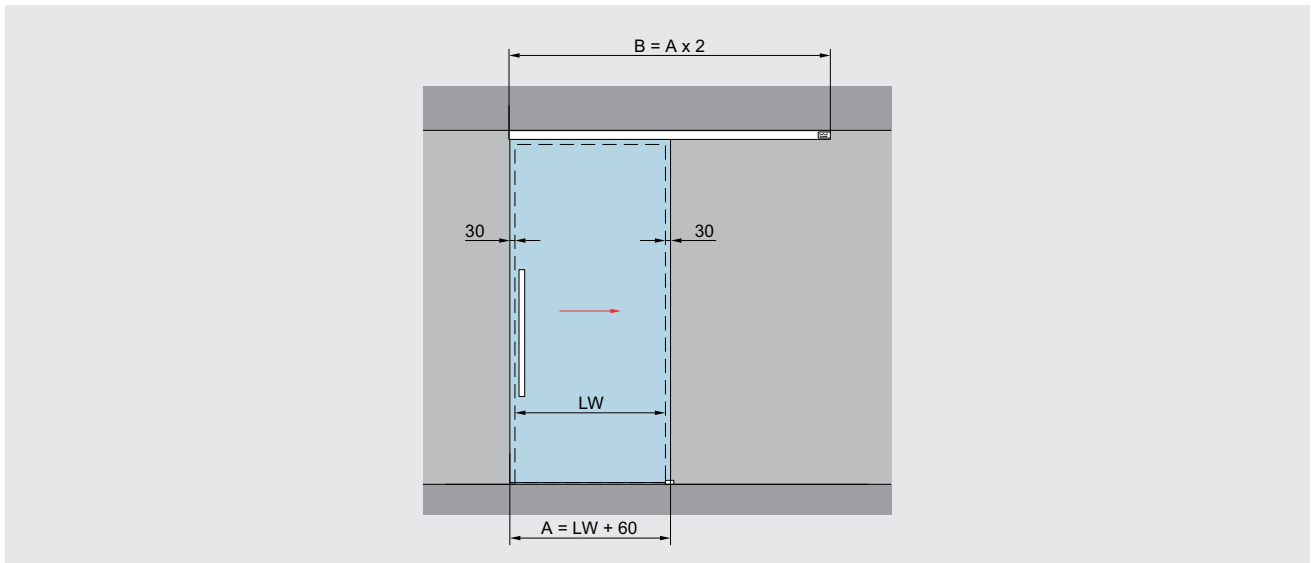
Fixed at wall	Features and data	Glass thickness
	<p>For installation with one door panels</p> <p>Max. weight of door panels 120 kg</p> <p>Calculation of glass height GH = LH + 22 + X mm max. 3,000 mm</p> <p>Calculation of glass width A = LW + 60 mm min. 850 mm (DORMOTION on one side) Max. travel 1,450 mm</p>	<p>8 – 13.5 mm</p>

Right: Opening to right side, closing to left side (DIN Left)
 Left: Opening to left side, closing to right side (DIN Right)

- A = Glass width
- B = Length of track
- GH = Glass height
- H = Total height
- LH = Clear opening height

- LW = Clear opening width
- t = Glass thickness
- Y = 100 mm – 20 mm – t
- X = Freely selectable protrusion (depending on structural conditions)

Type illustrations ceiling installation

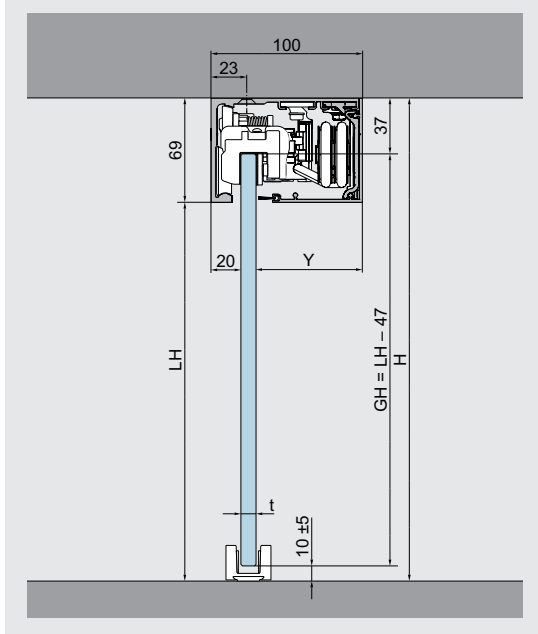


Opening to right side, closing to left side (DIN left)

Fixed at ceiling

Features and data

Glass thickness



For installation with one door panels

8 – 13.5 mm

Max. weight of door panels

120 kg

Calculation of glass height

$GH = H - 47 \text{ mm}$

max. 3,000 mm

Calculation of glass width

$A = LW + 60 \text{ mm}$

min. 850 mm (DORMOTION on one side)

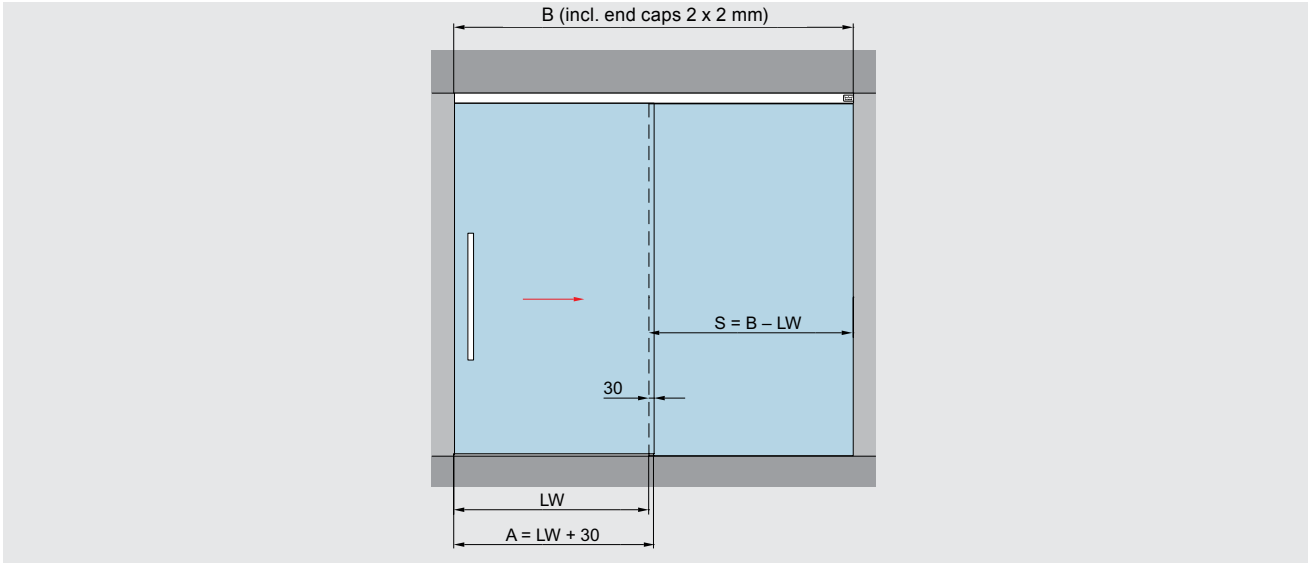
Max. travel 1,450 mm

Right: Opening to right side, Closing to left side (DIN Left)
 Left: Opening to left side, Closing to right side (DIN Right)

A = Glass width
 B = Length of track
 GH = Glass height
 H = Total height

LH = Clear opening height
 LW = Clear opening width
 t = Glass thickness
 Y = 100 mm – 20 mm – t

Type illustrations with sidelight, on one side



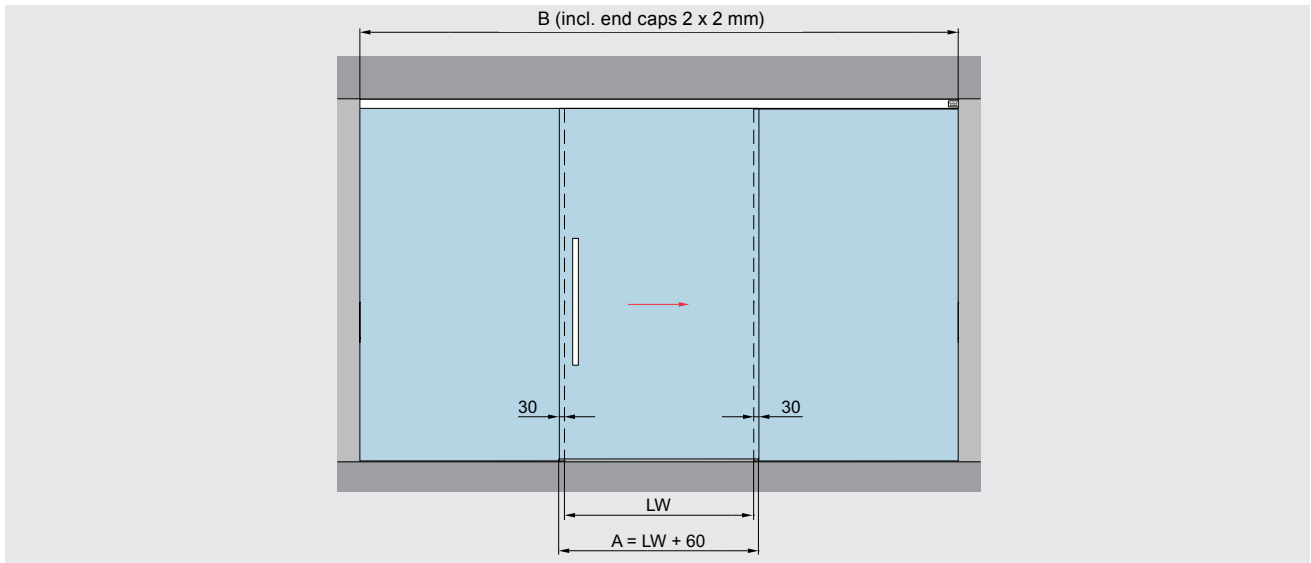
Opening to right side, closing to left side (DIN left)

Fixed at ceiling	Fixed at false ceiling	Features and data	Glass thickness
		<p>For installation with one door panels</p> <p>Max. weight of door panels 120 kg</p> <p>Calculation of glass height for installation at ceiling GH1 = H - 47 mm GH2 = H - 62 mm max. 3,000 mm</p> <p>Calculation of glass height for installation at false ceiling GH1 = LH + 21 mm GH2 = LH + 6 mm max. 3,000 mm</p> <p>Calculation of glass width A = LW + 30 mm min. 850 mm (DORMOTION on one side) Max. travel 1,450 mm</p>	8 – 13.5 mm

Right: Opening to right side, closing to left side (DIN Left)
 Left: Opening to left side, closing to right side (DIN Right)

- A = Glass width
- B = Length of track
- GH1 = Glass height sliding door
- GH2 = Glass height sidelight
- H = Total height
- LH = Clear opening height
- LW = Clear opening width
- S = Glass width sidelight
- t1 = Glass thickness sliding door
- t2 = Glass thickness sidelight
- Y = 100 mm - 20 mm - t1

Type illustrations with sidelight, on both sides



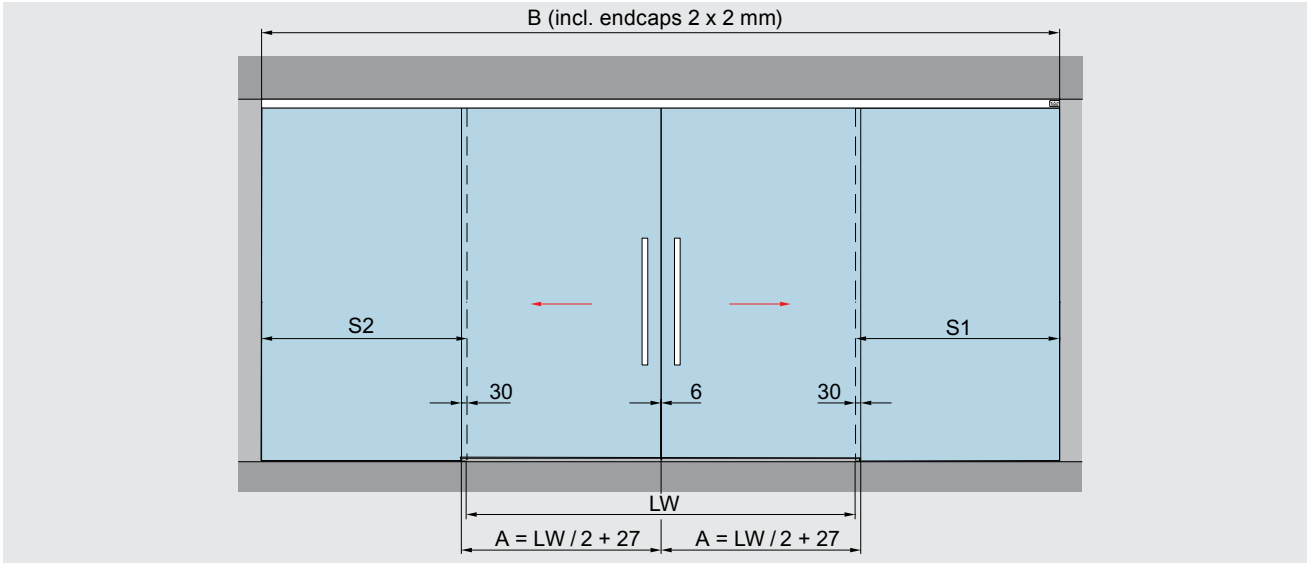
Opening to right side, closing to left side (DIN left)

Fixed at ceiling	Fixed at false ceiling	Features and data	Glass thickness
		<p>For installation with one door panels</p> <p>Max. weight of door panels 120 kg</p> <p>Calculation of glass height for installation at ceiling GH1 = H - 47 mm GH2 = H - 62 mm max. 3,000 mm</p> <p>Calculation of glass height for installation at false ceiling GH1 = LH + 21 mm GH2 = LH + 6 mm max. 3,000 mm</p> <p>Calculation of glass width A = LW + 30 mm min. 850 mm (DORMOTION on one side) Max. travel 1,450 mm</p>	8 – 13.5 mm

Right: Opening to right side, closing to left side (DIN Left)
 Left: Opening to left side, closing to right side (DIN Right)

- A = Glass width
- B = Length of track
- GH1 = Glass height sliding door
- GH2 = Glass height sidelight
- H = Total height
- LH = Clear opening height
- LW = Clear opening width
- t1 = Glass thickness sliding door
- t2 = Glass thickness sidelight
- Y = 100 mm - 20 mm - t1

Type illustrations with two door panels with sidelights

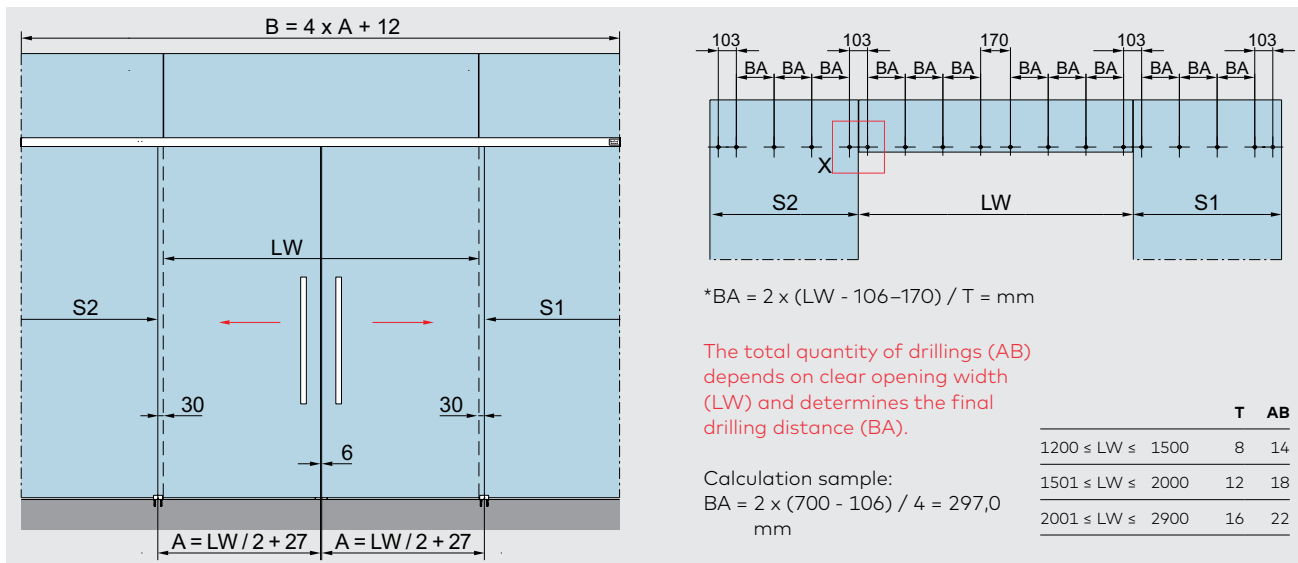


Fixed at ceiling	Fixed at false ceiling	Features and data	Glass thickness
		<p>For installation with two door panels with sidelights</p> <p>Max. weight of door panels 120 kg</p> <p>Calculation of glass height for installation at ceiling GH1 = H - 47 mm GH2 = H - 62 mm max. 3,000 mm</p> <p>Calculation of glass height for installation at false ceiling GH1 = LH + 21 mm GH2 = LH + 6 mm max. 3,000 mm</p> <p>Calculation of glass width A = LW / 2 + 27 mm min. 2 x 850 mm max. 2 x 1,470 mm</p>	8 – 13.5 mm

Right: Opening to right side, closing to left side (DIN Left)
 Left: Opening to left side, closing to right side (DIN Right)

- A = Glass width
- B = Length of track
- GH1 = Glass height sliding door
- GH2 = Glass height sidelight
- H = Total height
- LH = Clear opening height
- LW = Clear opening width
- S = Glass width sidelight
- t1 = Glass thickness sliding door
- t2 = Glass thickness sidelight
- Y = 100 mm - 20 mm - t1

Type illustrations with two door panels fixed at glass

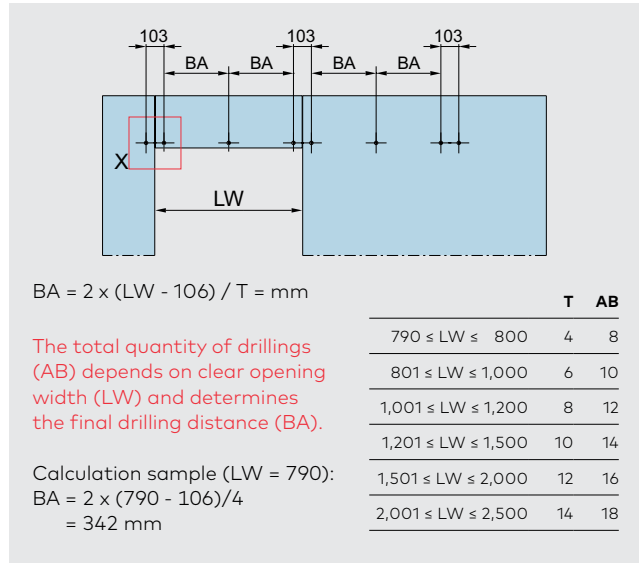
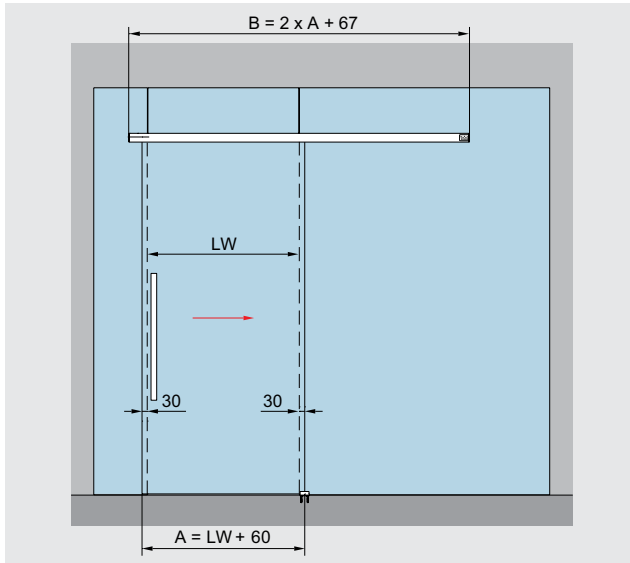


Glass preparation	Features and data	Glass thickness
<p>Detail X</p>	<p>For installation with two door panels</p> <p>Max. weight of door panels 120 kg</p> <p>Calculation of glass height $GH = LH + 22$ mm, max. 3,000 mm</p> <p>Calculation of glass width $A = LW / 2 + 27$ mm min. 850 mm max. $2 \times 1,470$ mm</p>	8 – 13.5 mm

Fixed at glass	Merkmale und Daten	Self-Closing 120
	<p>To ensure a correct and aligned mounting of the track rail, a fully supporting fixed panel must be installed.</p>	<p>min. glass width without DORMOTION -</p> <p>min. clear opening width without DORMOTION -</p> <p>min. door width 850 mm</p> <p>min. clear opening width 1,646 mm</p> <p>max. door width 1,470 mm</p> <p>max. clear opening width 2,886 mm</p>

- A = Glass width
- AB = Quantity of drillings
- B = Length of track
- BA = Drilling distance
- H = Total height
- LH = Clear opening height
- LW = Clear opening width
- GH = Glass height
- T = Quantity of drilling distance signed with BA
- t1 = Glass thickness sliding door
- t2 = Glass thickness fixed panel (10 – 19 mm)
- Y = 100 mm – 20 mm – t1

Type illustrations glass installation

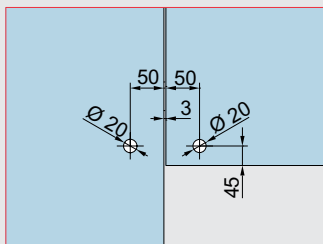


Opening to right side, closing to left side (DIN left)

Glass preparation

Features and data

Glass thickness



Detail X

For installation with one door panel

8 – 13.5 mm

Max. weight of door panels

120 kg

Calculation of glass height

$GH = LH + 22 \text{ mm}$, max. 3,000 mm

Calculation of glass width

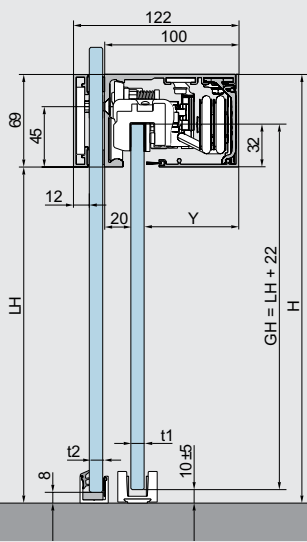
$A = LW + 60 \text{ mm}$, min. 850 mm (DORMOTION on one side)

Max. travel 1,450 mm

Fixed at glass

Features and data

Self-Closing 120



To ensure a correct and aligned mounting of the track rail, a fully supporting fixed panel must be installed.

MUTO Premium

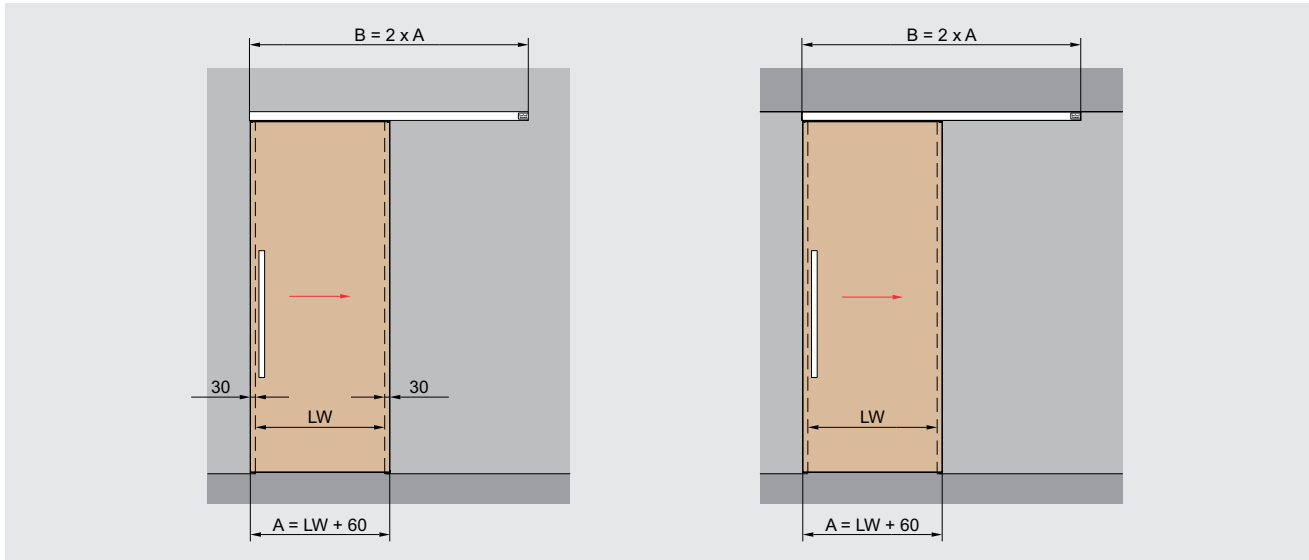
min. glass width	850 mm
min. clear opening width	790 mm
Max. travel	1,450 mm
max. clear opening width	2,886 mm

- A = Glass width
- AB = Quantity of drillings
- B = Length of track
- BA = Drilling distance

- H = Total height
- LH = Clear opening height
- LW = Clear opening width
- GH = Glass height

- T = Quantity of drillings distance signed with BA
- t1 = Glass thickness sliding door (8 – 13.5 mm)
- t2 = Glass thickness fixed panel (10 – 19 mm)
- Y = 100 mm – 20 mm – t1

Type illustrations for timber door applications



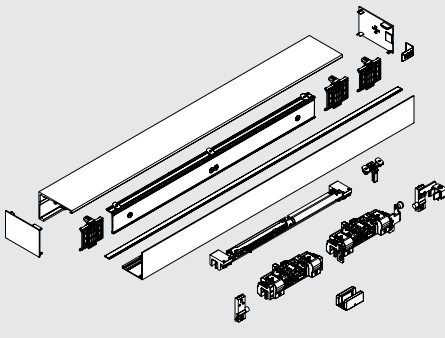
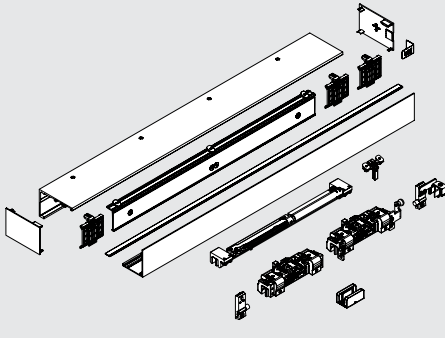
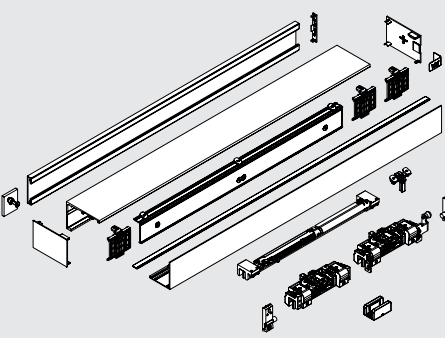
Opening to right side, closing to left side (DIN left)

Fixed at wall	Fixed at ceiling	Features and data	Wood thickness
		<p>For installation with one door panel</p> <p>Max. weight of door panels 120 kg</p> <p>Calculation of door height fixed at wall $TH = LH - 18 + X$ mm max. 3,000 mm</p> <p>Calculation of door height fixed at ceiling $TH = H - 87$ mm max. 3,000 mm</p> <p>Calculation of door width $A = LW + 60$ mm min. 850 mm (DORMOTION on one side) Max. travel 1,450 mm</p>	28 – 50 mm

A = Glass width
 B = Length of track
 H = Total height
 LH = Clear opening height
 LW = Clear opening width

TH = Door height
 u = Wood thickness
 X = Freely selectable protrusion (depending on structural conditions)
 Y = $100 \text{ mm} - 20 \text{ mm} - t_1$

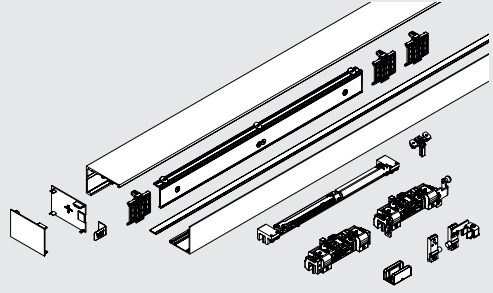
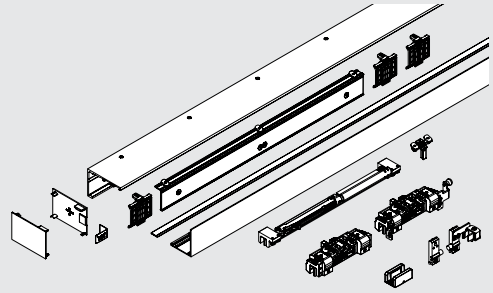
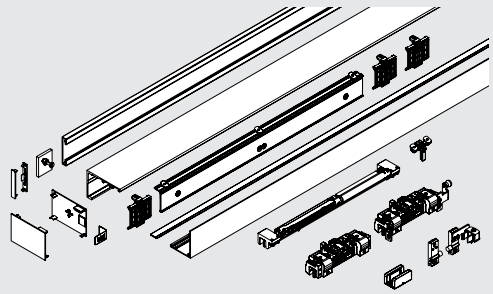
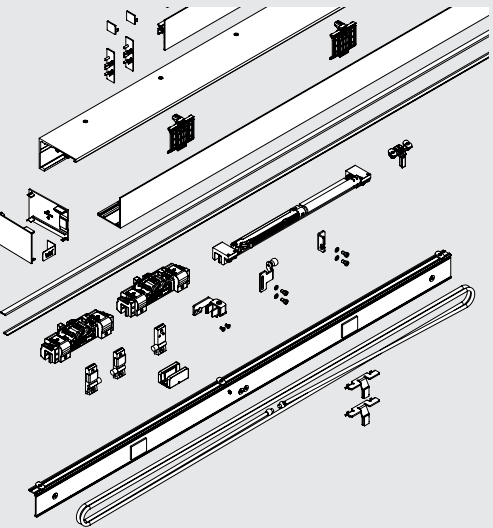
Complete sets - defined panel width

	Features and data	Clear opening width	Panel width	Profile length	Art. No.	
	MUTO Premium Self-Closing 120 Fixed at wall incl. track profile, cover profile and brushes, elastic cable, DORMOTION unit (on one side), accessory set, end caps for 8 – 13.5 mm glass thickness, max. 120 kg	Right	950	1,880	36.600	
		Left	950	1,880	36.601	
		Right	1,250	2,480	36.610	
		Left	1,250	2,480	36.611	
		Right	1,450	2,880	36.602	
		Left	1,450	2,880	36.603	
	MUTO Premium Self-Closing 120 Fixed at ceiling incl. track profile, cover profile and brushes, elastic cable, DORMOTION unit (on one side), accessory set, end caps for 8 – 13.5 mm glass thickness, max. 120 kg	Right	950	1,880	36.604	
		Left	950	1,880	36.605	
		Right	1,250	2,480	36.612	
		Left	1,250	2,480	36.613	
		Right	1,450	2,880	36.606	
		Left	1,450	2,880	36.607	
	MUTO Premium Self-Closing 120 Fixed at glass incl. track profile, cover profile and brushes, elastic cable, DORMOTION unit (on one side), accessory set, end caps for 8 – 13.5 mm glass thickness, max. 120 kg	Right	850	910	1,887	36.614
		Left	850	910	1,887	36.615
		Right	1,050	1,110	2,287	36.161
		Left	1,050	1,110	2,287	36.617
		Right	1,250	1,310	2,687	36.608
		Left	1,250	1,310	2,687	36.609

Right: Opening to right side, Closing to left side (DIN Left)
 Left: Opening to left side, Closing to right side (DIN Right)

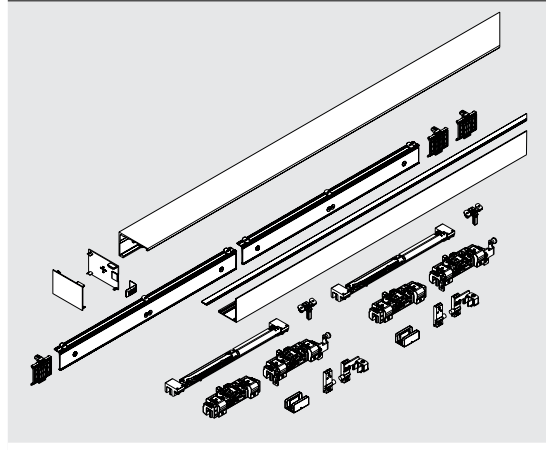
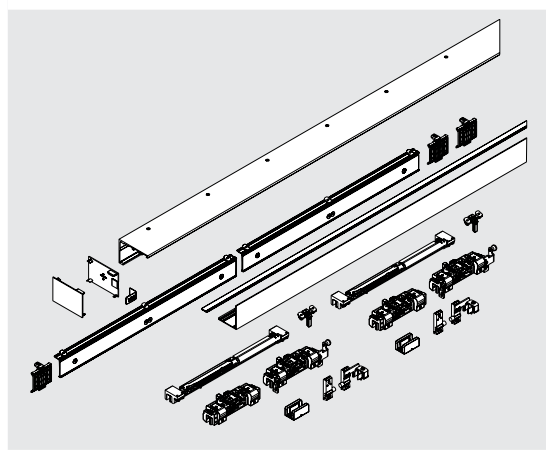
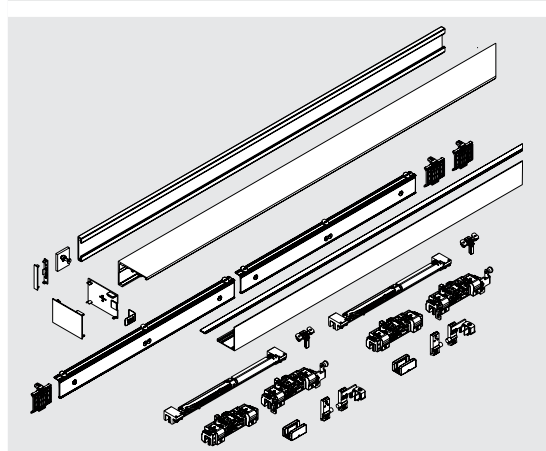
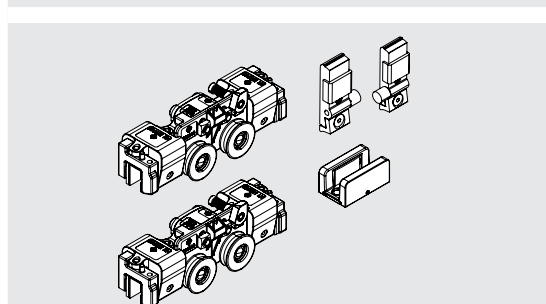
Note: Please take note of glass preparation on page 66

Complete sets - defined lengths

	Features and data	Glass thickness	Art. No.
	<p>MUTO Premium Self-Closing 120 Fixed at wall Individual profile length up to max. 3,000 mm min. glass width 850 mm, max. 1,500 mm incl. track profile, cover profile and brushes, elastic cable, DORMOTION unit (on one side), accessory set, end caps max. 120 kg Please indicate clear opening width with order!</p>	Right 8–13.5 mm Left	36.620 36.621
	<p>MUTO Premium Self-Closing 120 Fixed at ceiling Individual profile length up to max. 3,000 mm min. glass width 850 mm, max. 1,500 mm incl. track profile, cover profile and brushes, elastic cable, DORMOTION unit (on one side), accessory set, end caps max. 120 kg Please indicate clear opening width with order!</p>	Right 8–13.5 mm Left	36.622 36.623
	<p>MUTO Premium Self-Closing 120 Fixed at glass Individual profile length up to max. 3,067 mm min. glass width 850 mm, max. 1,500 mm incl. track profile, cover profile and brushes, elastic cable, DORMOTION unit (on one side), accessory set, end caps max. 120 kg Please indicate clear opening width with order!</p>	Right 8–13.5 mm Left	36.624 36.625
	<p>MUTO Premium Self-Closing 120 Fixed at ceiling + side light Individual profile length up to max. 3,000 mm min. glass width 850 mm, max. 1,500 mm incl. track profile, cover profile, side light sight protection and filler profile, brushes, elastic cable, DORMOTION unit (on one side), accessory set, end caps max. 120 kg</p>	Right 8–13.5 mm Left	36.629 36.630

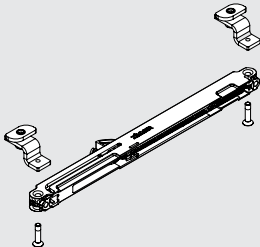
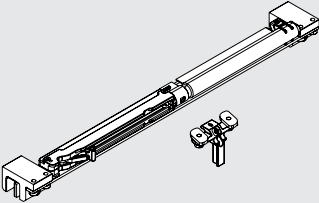
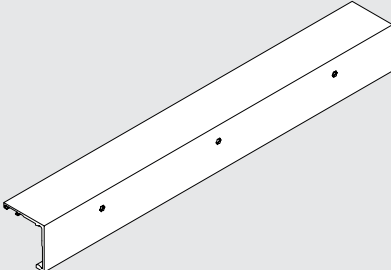
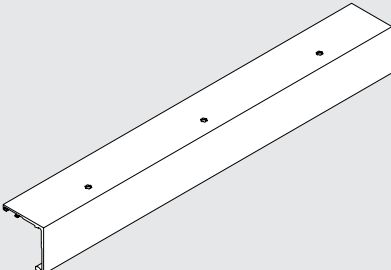
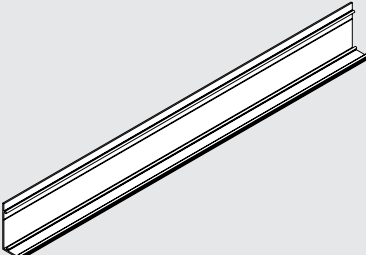
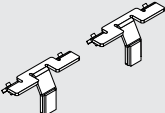
Right: Opening to right side, Closing to left side (DIN Left)
Left: Opening to left side, Closing to right side (DIN Right)

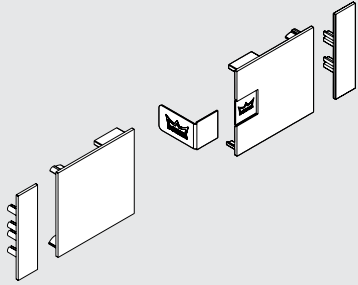
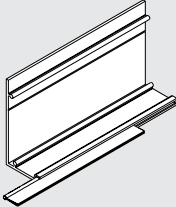
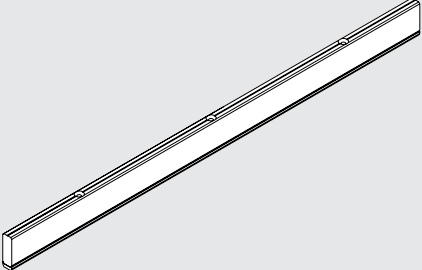
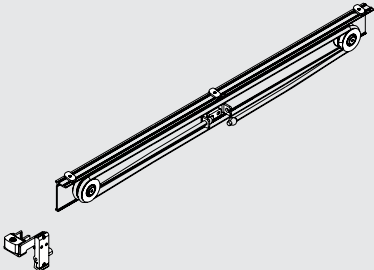
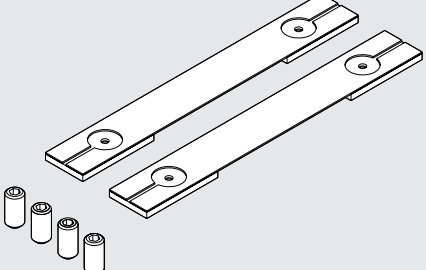
Note: Please take note of glass preparation on page 66

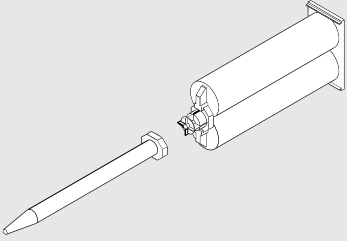
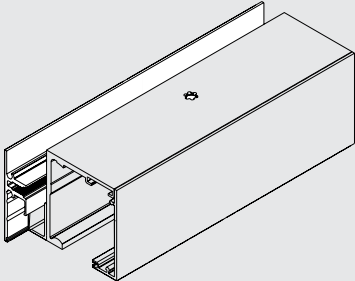
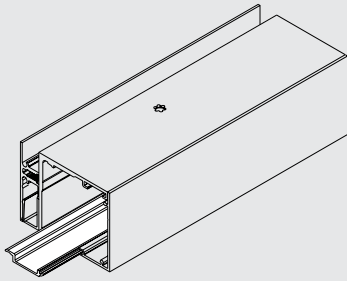
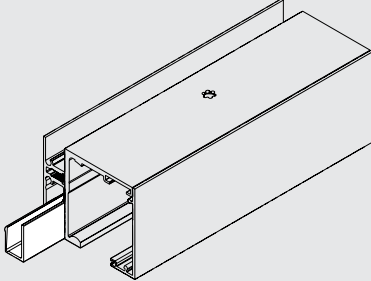
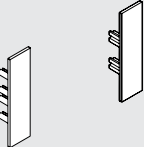
	Features and data	Art. No.
	<p>MUTO Premium Self-Closing 120 Set for doors with two panels fixed at wall, fixed length, incl. DORMOTION, max. 120 kg. min. panel width 850 mm profile length xxxx mm* (max. 5,880 mm) max. panel width 1,470 mm, incl. track profile, cover profile and brushes complete accessory for 8 – 13.5 mm glass thickness</p>	<p>36.626</p>
	<p>MUTO Premium Self-Closing 120 Set for doors with two panels fixed at ceiling, fixed length, incl. DORMOTION, max. 120 kg. min. panel width 850 mm profile length xxxx mm* (max. 5,880 mm) max. panel width 1,470 mm, incl. track profile, cover profile and brushes complete accessory for 8 - 13.5 mm glass thickness</p>	<p>36.627</p>
	<p>MUTO Premium Self-Closing 120 Set for doors with two panels fixed at glass, fixed length, incl. DORMOTION, max. 120 kg. min. panel width 850 mm profile length xxxx mm* (max. 5,880 mm) max. panel width 1,470 mm, incl. track profile, cover profile, counter profile and brushes complete accessory for 8 - 13.5 mm glass thickness</p>	<p>36.628</p>
	<p>MUTO Premium XL 80/150 Accessory set Consisting of: 2 Clamp carriers 2 Endstops 1 Floor guide</p>	<p>36.550</p>

* to be defined by customer

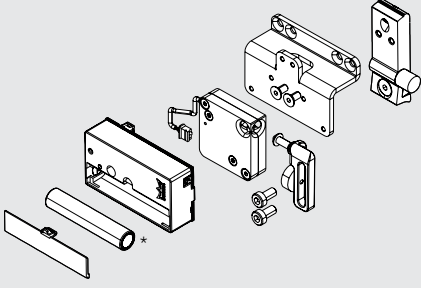
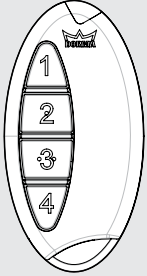
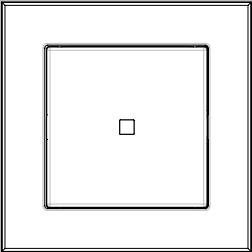
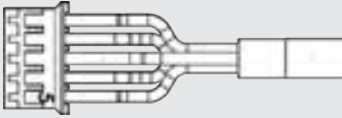
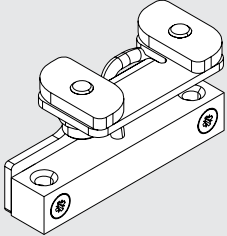
Component parts

	Features and data	Art. No.
	<p>MUTO Premium Self-Closing 120 optional opening damping set (maximum 120 kg) to use left or right</p>	<p>36.666</p>
	<p>MUTO Premium Self-Closing 120 DORMOTION-Set for max. 120 kg, with Accessories</p> <p>Opening to right side, Closing to left side (DIN Left) Opening to left side, Closing to right side (DIN Right)</p>	<p>36.660</p> <p>36.661 not illustr.</p>
	<p>MUTO Premium Self-Closing 120 Track rail for wall installation</p> <p>stock length 6,000 mm fixed length</p>	<p>36.850</p> <p>36.651</p>
	<p>MUTO Premium Self-Closing 120 Track rail for ceiling installation</p> <p>stock length 6,000 mm fixed length</p>	<p>36.852</p> <p>36.653</p>
	<p>MUTO Premium Self-Closing 120 Cover profile</p> <p>stock length 6,000 mm fixed length</p>	<p>36.854</p> <p>36.655</p>
	<p>MUTO spacer (2 pieces) for installation at ceiling between two walls</p>	<p>36.890</p>

	Features and data	Art. No.
	<p>MUTO Premium Self-Closing 120 End caps for wall and ceiling installation</p>	<p>36.656</p>
	<p>MUTO Brush profile set for Comfort M, L and Premium XL Consisting of: 1 Brush profile 8 – 10 mm glass 1 Brush profile 12 – 13.5 mm glass</p>	<p>36.265</p>
	<p>MUTO Premium XL 80/150 Timber adapter set Profile 12.5 x 36 mm + 12.5 x 4 mm, incl. accessories (with timber floor guide)</p> <p>1,460 mm fixed length max. 2,500 mm</p>	<p>36.461 36.464</p>
	<p>MUTO Premium Self-Closing 120 Elastic cable with accessories</p> <p>Opening to right side, closing to left side (DIN Left) Opening to left side, closing to right side (DIN Right)</p>	<p>36.657 36.658 not illustr.</p>
	<p>MUTO Premium XL 80/150 LSG-Set Accessory set for use with LSG for one pair of clamp carrier Consisting of: 2 Gaskets 4 Injector screw</p> <p>Please order the LSG glue 07.631 separately</p>	<p>36.468</p>

	Features and data	Glass thickness	Art. No.
	Special adhesive and nozzle for use with LSG		07.631
	MUTO Premium XL 80/150 Side light profile 69 mm high, with gaskets	8 – 13.5 mm 8 – 13.5 mm	36.469 36.474
	MUTO Filling profile for Comfort L, Premium XL and Self-Closing, for side light profile		36.800 36.801
	MUTO Filling profile for Comfort L, Premium XL and Self-Closing,		36.802 36.803
	MUTO Premium Self-Closing 120 End caps for side light profile, each 2 mm width (When installing between two walls, please give particular attention to it.)		36.471

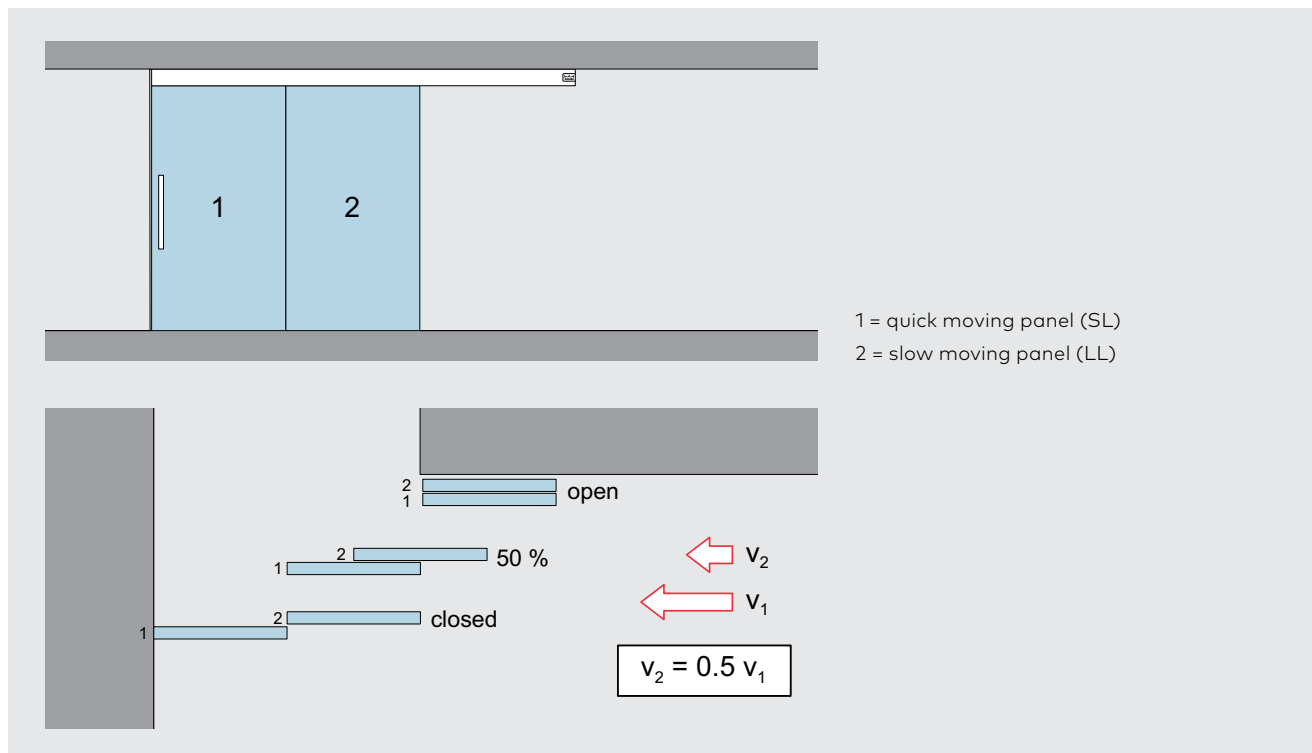
	Features and data	Glass thickness	Art. No.
	<p>MUTO Floor profile for Comfort L and Premium XL, for fixing side light, with gaskets, incl. end caps</p> <p>stock length 6,000 mm fixed length</p>	<p>8 – 13.5 mm 8 – 13.5 mm</p>	<p>36.810 36.811</p>
	<p>MUTO End caps (2 pieces) for Comfort L and Premium XL, for Floor profile, for fixing side light</p>		<p>36.812</p>
	<p>MUTO Premium XL 80/150 Subsurface floor guide track rail with brushes</p> <p>stock length 6,000 mm fixed length</p>		<p>36.561 36.562</p>
	<p>MUTO Comfort connection profile for false ceilings incl. accessory set for Comfort M, L and Premium XL,</p> <p>stock length 6,000 mm fixed length</p>		<p>36.821 36.820</p>
	<p>MUTO Comfort Floorstop for Comfort M, L and Premium XL, for glass- oder timber side light</p>		<p>36.851</p>

	Features and data	Art. No.
	<p>MUTO Integrated locking device for Premium XL and Self-Closing, not suitable as a security barrier Consisting of: 1 Adapter for track reception 1 Lock reception 1 Locking device 1 Frame system L & frame system XL 1 Battery</p> <p>* Battery for re-ordering</p>	<p>36.842</p> <p>36.845</p>
	<p>MUTO Radio remote control for Comfort L, Premium XL and Self-Closing,</p> <p>1 Radio remote control 1 Battery</p>	<p>36.848</p>
	<p>MUTO Wall switch with radio remote control for Comfort L, Premium XL and Self-Closing,</p> <p>1 Wall switch 1 Battery</p>	<p>36.849</p>
	<p>MUTO Locking device for Comfort L, Premium XL and Self-Closing,</p> <p>1 Cable set for connecting the status indicator in the lock unit</p>	<p>36.855</p>
	<p>MUTO Locking device set for Comfort L and Premium XL Consisting of: 1 Sensor 1 Adapter for track reception 1 Cable</p>	<p>36.840</p>

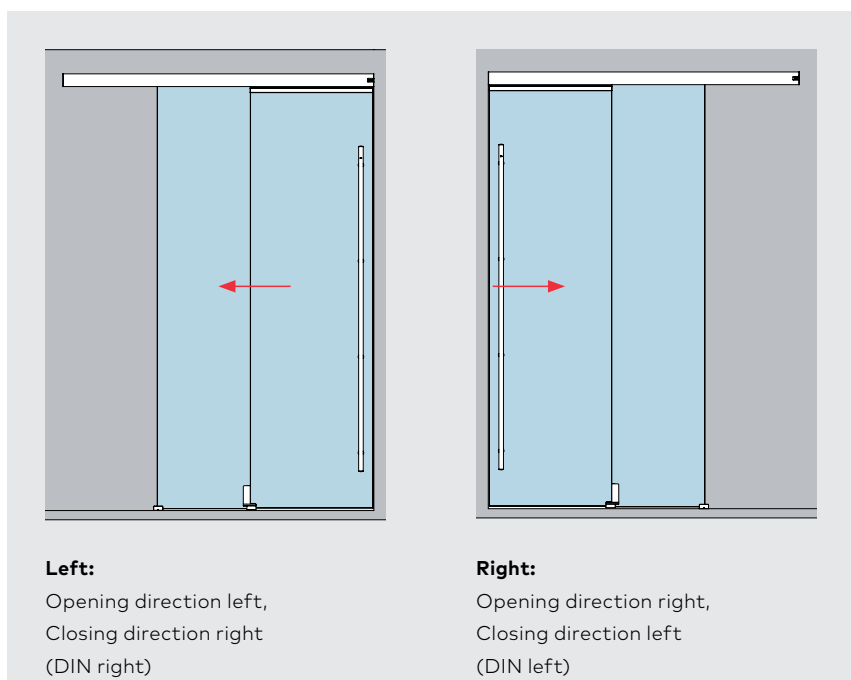
MUTO Premium Telescopic 80

Huge light openings, but small space requirement

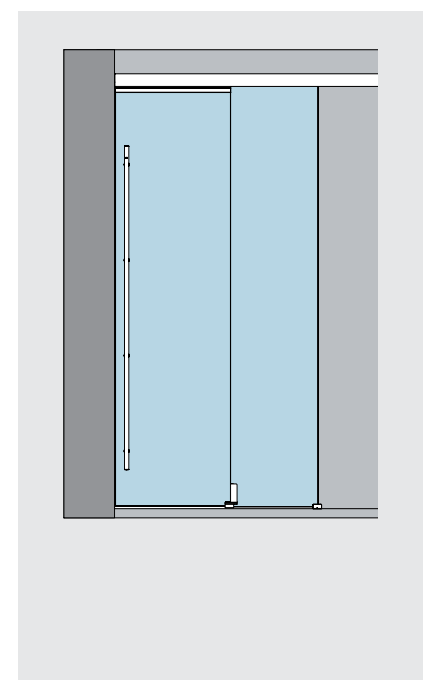
- Telescopic functionality.
- Synchronized panels, that means simultaneous movement of panel 1 (quick moving panel) and panel 2 (slow moving panel \leq half speed of panel 1)
- DORMOTION functionality (optional)
- Integrated locking device (optional)
- Status indicator (optional)



Opening directions



Lintel/90° stopped

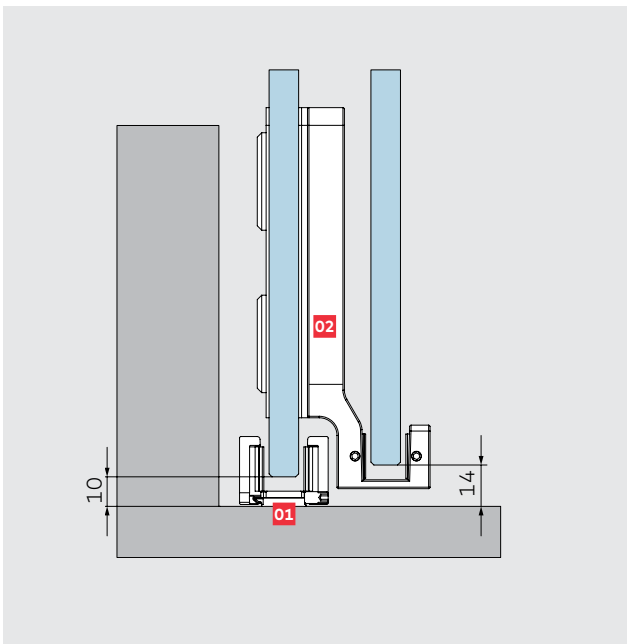


Floor guide variants

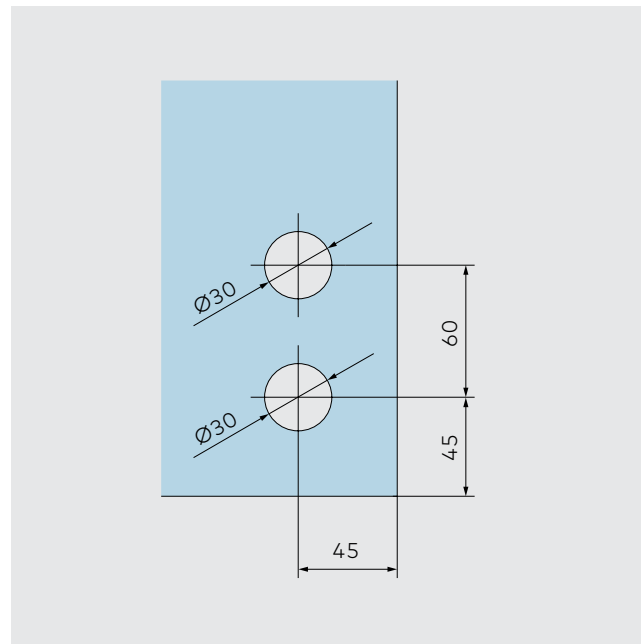
- Surface mounted variant glass door
- Recessed variant glass door
- Surface mounted variant timber door

01 Standard fixed floor guide for guiding the slow moving panel

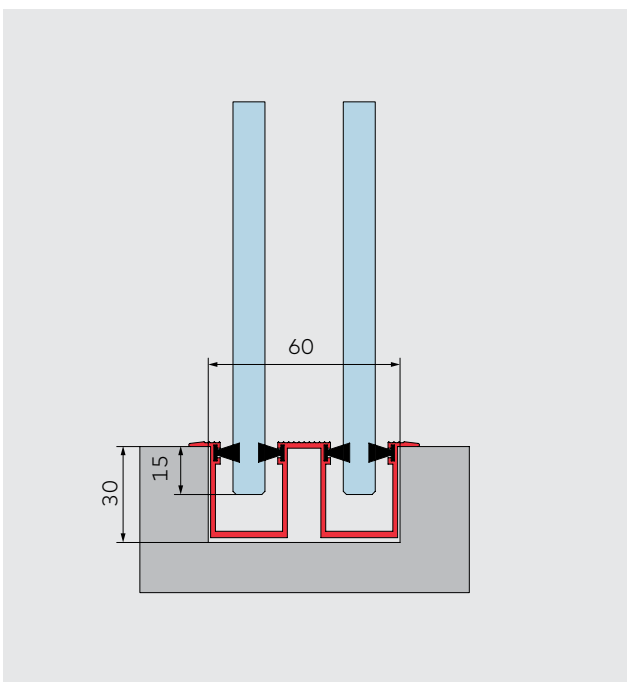
02 Moving floor guide for guiding the slow moving panel



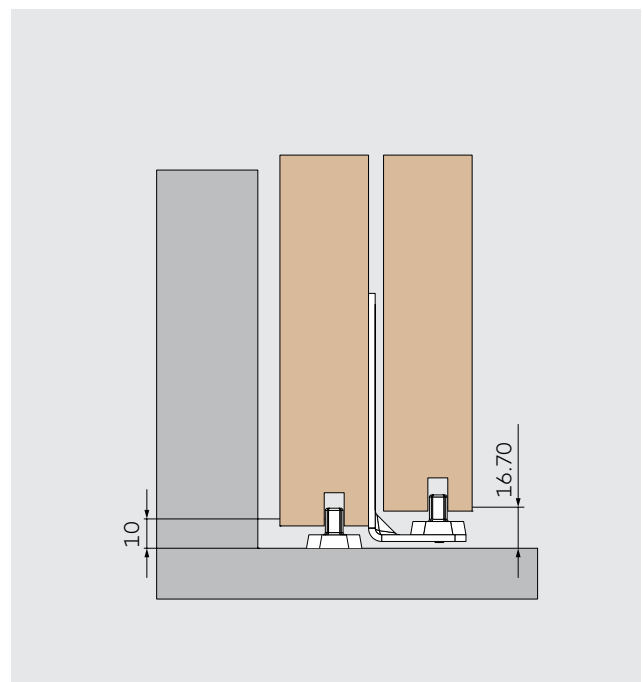
Glass preparation for moving floor guide (picture left)



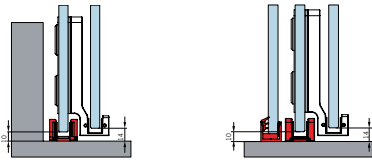
Recessed floor guide profile for guiding slow moving panel and quick moving panel



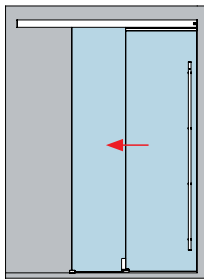
Floor guide situation with timber doors



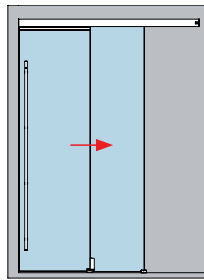
Glass panel with moving floor guide



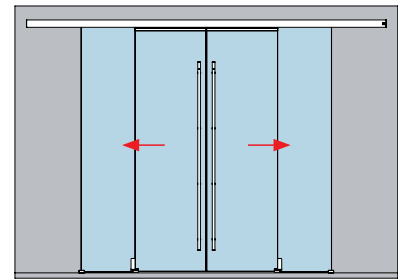
Glass door (8 - 13,5 mm) for the installation at wall - 2 and 4 panels



Set 1

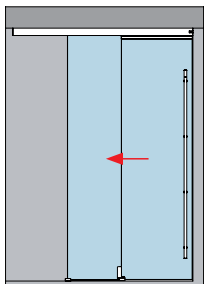


Set 2

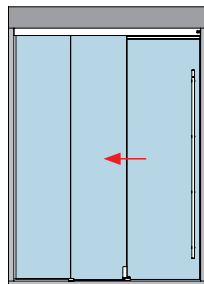


Set 3

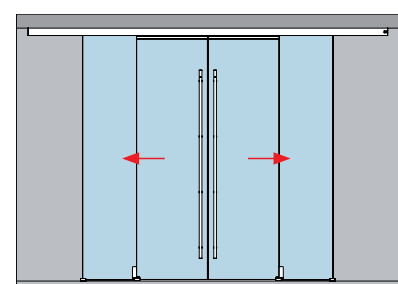
Glass door (8 - 13,5 mm) for the installation at ceiling / with side light (10 - 19 mm) - 2 and 4 panels



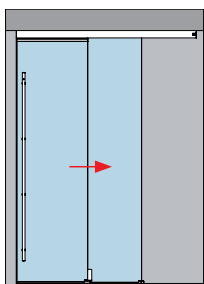
Set 4



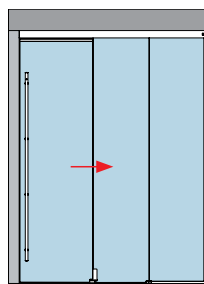
Set 5



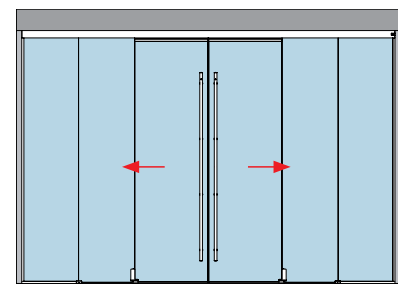
Set 6



Set 7

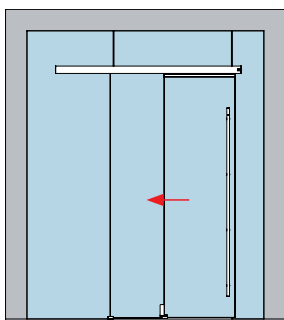


Set 8

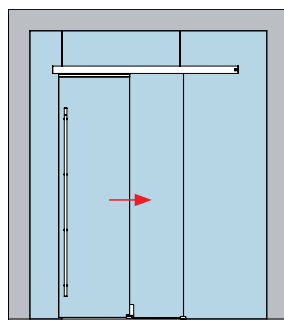


Set 9

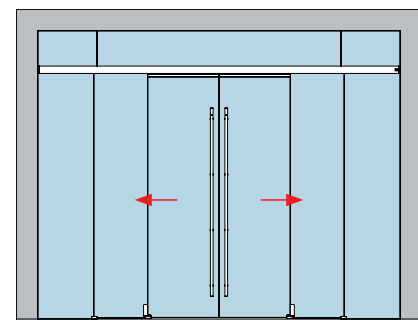
Glass door (8 - 13,5 mm) with glass overpanel and glass side lights (10 - 19 mm) - 2 and 4 panels



Set 10

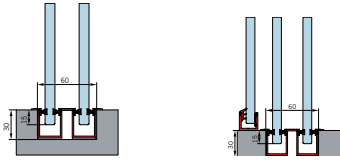


Set 11

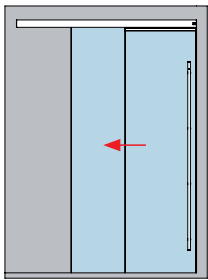


Set 12

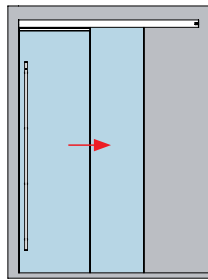
Glass panel with recessed floor guide profile



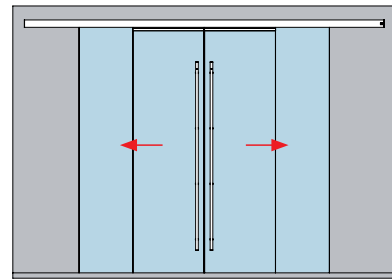
Glass door (8 - 13,5 mm) for the installation at wall - 2 and 4 panels



Set 13

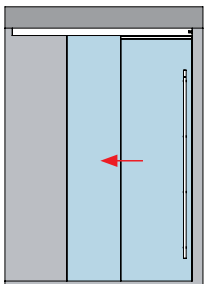


Set 14

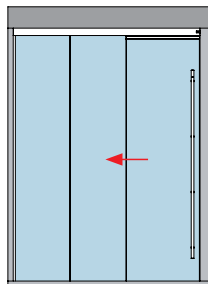


Set 15

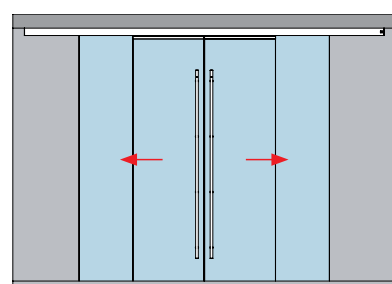
Glass door (8 - 13,5 mm) for the installation at ceiling / with side light (10 - 19 mm) - 2 and 4 panels



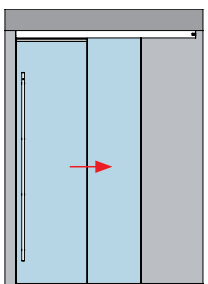
Set 16



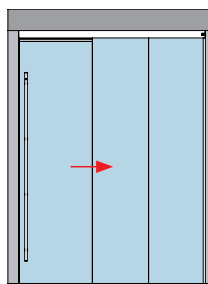
Set 17



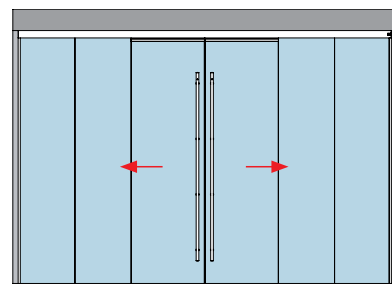
Set 18



Set 19

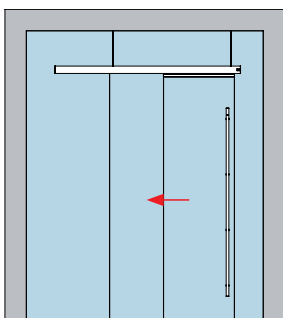


Set 20

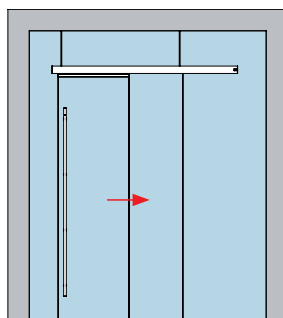


Set 21

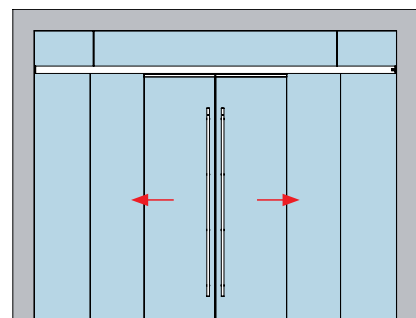
Glass door (8 - 13,5 mm) with glass overpanel and glass side lights (10 - 19 mm) - 2 and 4 panels



Set 22



Set 23




Set 24

Wide openings with small panels

Unless indicated otherwise all measurements are shown in mm.


Panel width min.* – 600 mm
 Panel width max.* – 1,287 mm

without DORMOTION



	without handle bar	with handle bar	without handle bar	with handle bar	without handle bar	with handle bar	without handle bar	with handle bar	without handle bar	with handle bar
Min. panel width =	600	665	600	665	600	687	600	687	600	665
Light opening width	1,110	1,110	2,286	2,286	1,750	1,750	3,496	3,496	1,145	1,145
Max. panel width =	1,200	1,265	1,000	1,065	1,200	1,287	1,000	1,087	1,200	1,265
Light opening width	2,310	2,310	3,886	3,886	3,550	3,550	5,896	5,896	2,345	2,345

with DORMOTION



	without handle bar	with handle bar	without handle bar	with handle bar	without handle bar	with handle bar	without handle bar	with handle bar	without handle bar	with handle bar
Min. panel width =	790	855	790	855	790	877	790	877	790	855
Light opening width	1,490	1,490	3,046	3,046	2,320	2,320	4,636	4,636	1,525	1,525
Max. panel width =	1,200	1,265	1,000	1,065	1,200	1,287	1,000	1,087	1,200	1,265
Light opening width	2,310	2,310	3,886	3,886	3,550	3,550	5,896	5,896	2,345	2,345

* Depending on installation (see detailed overview) related to quick moving panel.

** Glass sidelight

Hassle-free and competitive glass ordering

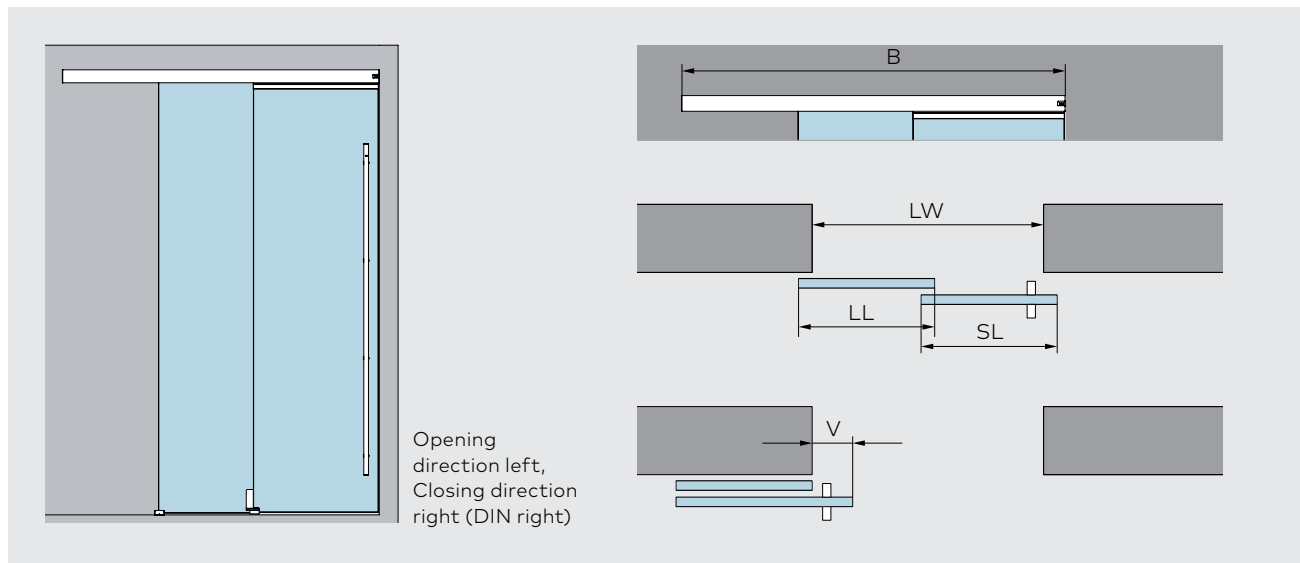
- Fast and slow moving panel are clamped
 - no additional glass preparation required
- Easy glass preparation for fixing the moving floor guide

Manifold varieties

Universal usability for different panel base material

- Wall installation
- Ceiling installation
- Ceiling installation with side panels (also for lintel situations)
- Installation to glass overpanel
- LSG-usability due to "Clamp&Glue Technology"
- Applicable for glass panels and timber panels (timber panels require adapter profile)
- Max. 2 x 80 kg resp. 4 x 80 kg
- Possible glass thicknesses: 8 – 13.5 mm (continuous)

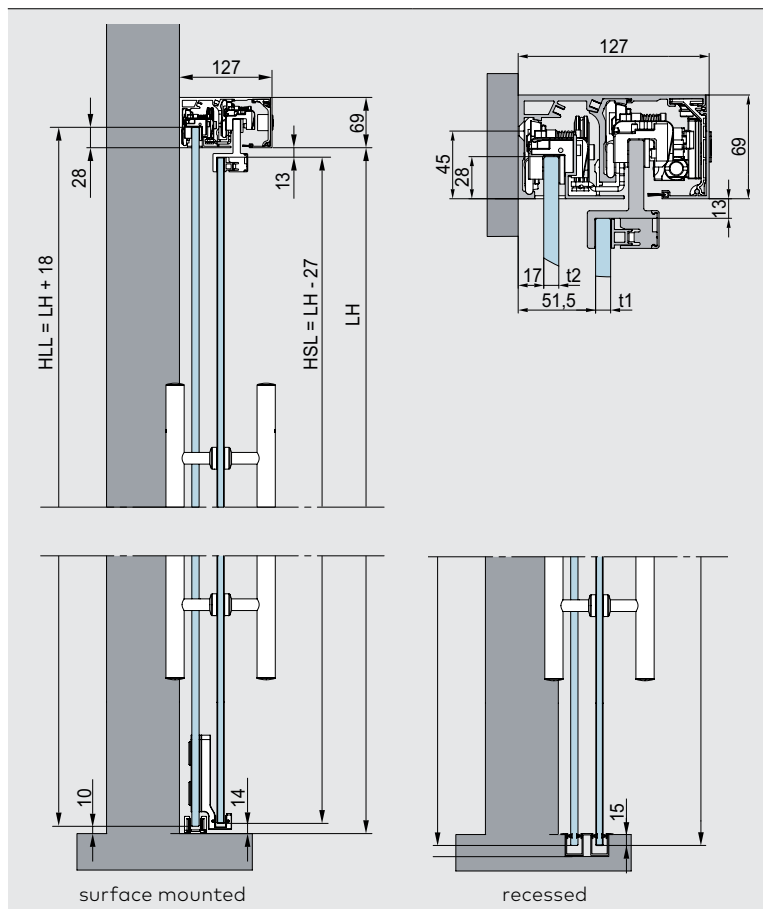
Type illustrations wall installation



Opening direction left,
Closing direction right (DIN right)

Fixed at wall

Features and data



For installation with two door panels
Optional DORMOTION unit

Max. weight of door panels
80 kg.

Min. and max. panel measures
see page 80.

Calculation of track length
2 panels
 $B = 1.5 \times LW - V/2 + 85$

2 + 2 panels
 $B = 1.5 \times LW - V + 67$

Calculation of glass width
2 panels
 $LL = (LW - V + 90) / 2$
 $SL = LL + V$

2 + 2 panels
 $LL = (LW - 2 \times V + 114) / 4$
 $SL = LL + V$

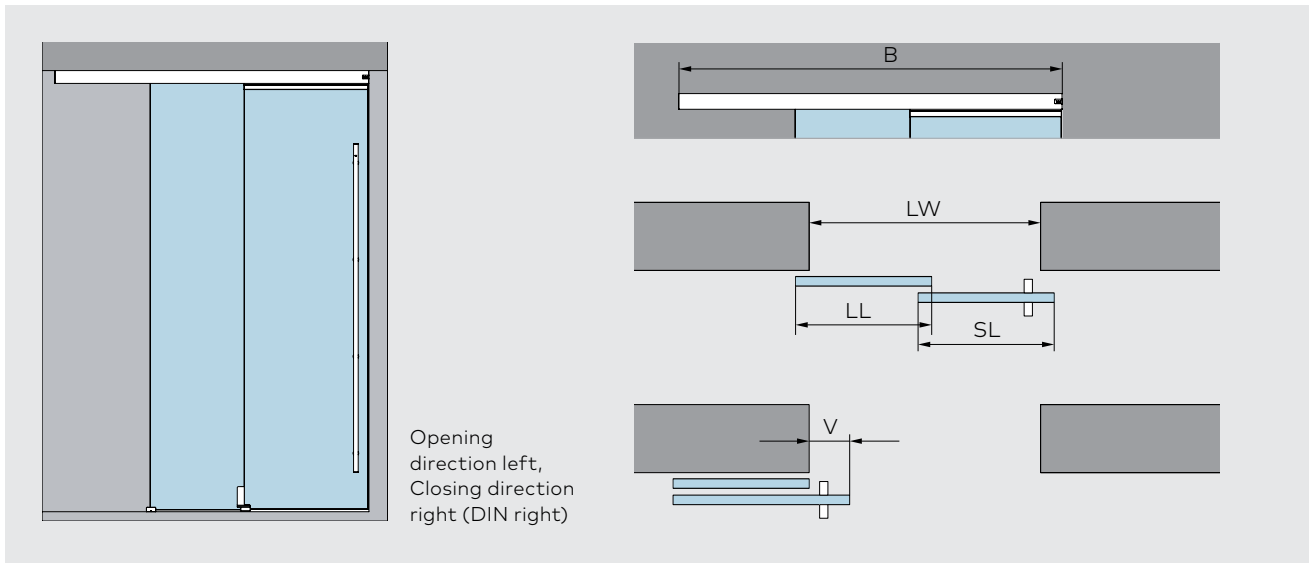
Calculation of glass height (=surface mounted)
 $HLL = LH + 18$
 $HSL = LH - 27$

Calculation of glass height (=recessed)
 $HLL = LH + 43$
 $HSL = LH + 2$

- B = Length of track
- HLL = Glass height slow moving panel
- HSL = Glass height quick moving panel
- LH = Clear opening height
- LW = Clear opening width

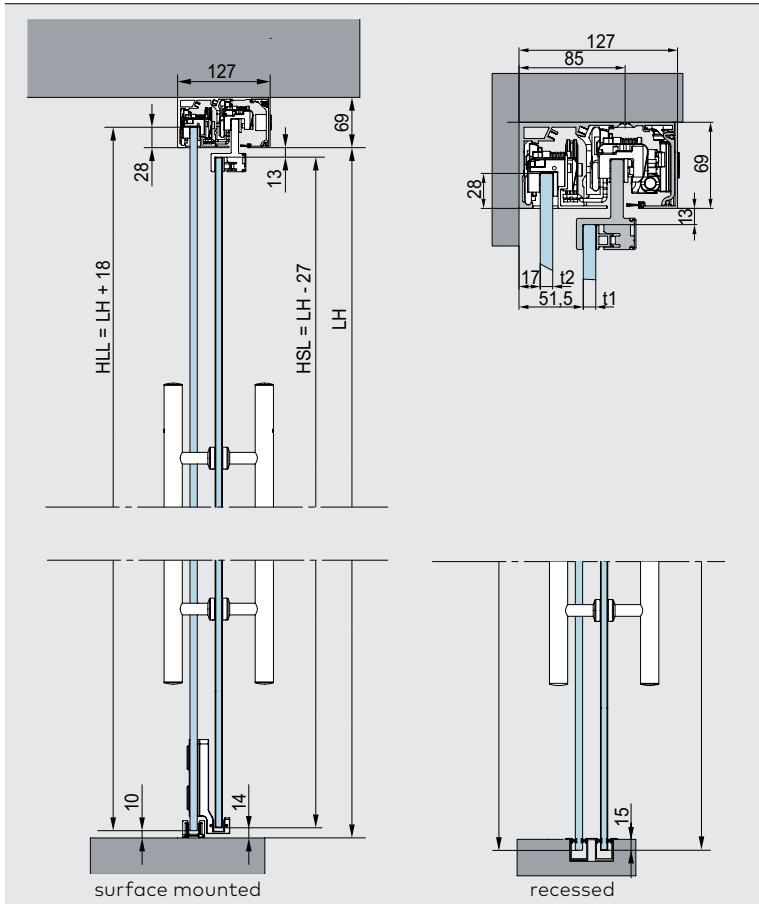
- LL = Slow moving panel
- SL = Quick moving panel
- t = Glass thickness
- V = Overlapping size of handle bar

Type illustrations ceiling installation



Fixed at ceiling

Features and data



For installation with two door panels fixed at ceiling, 8–13.5 mm glass thickness, Optional DORMOTION unit

Max. weight of door panels
80 kg.

Min. and max. panel measures see page 80.

Calculation of track length

2 panels
 $B = 1.5 \times LW - V / 2 + 85$

2 + 2 panels
 $B = 1.5 \times LW - V + 67$

Calculation of glass width

2 panels
 $LL = (LW - V + 90) / 2$
 $SL = LL + V$

2 + 2 panels
 $LL = LW - 2 \times V + 114) / 4$
 $SL = LL + V$

Calculation of glass height (=surface mounted)

$HLL = LH + 18$
 $HSL = LH - 27$

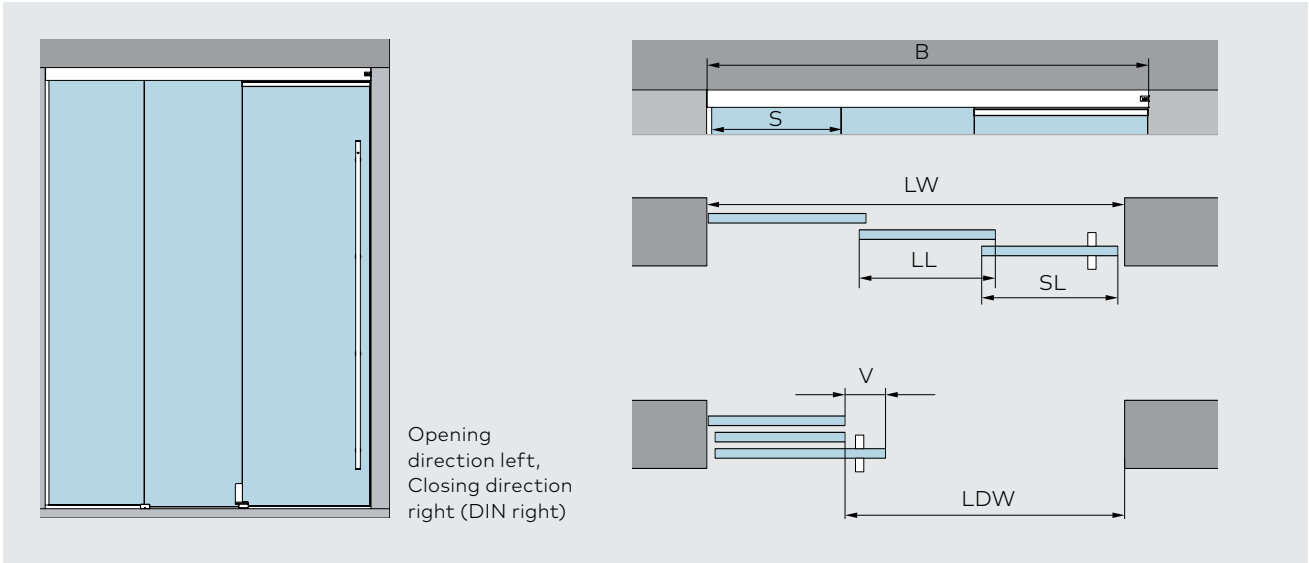
Calculation of glass height (=recessed)

$HLL = LH + 43$
 $HSL = LH + 2$

- B = Length of track
- HLL = Glass height slow moving panel
- HSL = Glass height quick moving panel
- LH = Clear opening height
- LW = Clear opening width

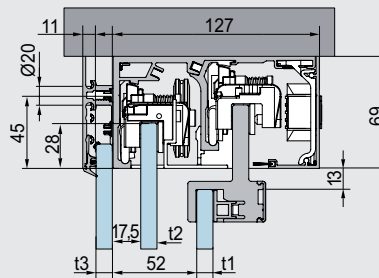
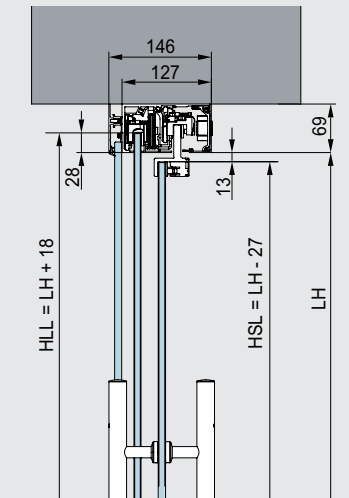
- LL = Slow moving panel
- SL = Quick moving panel
- t = Glass thickness
- V = Overlapping size of handle bar

Type illustrations with sidelight, on one side



With sidelight

Features and data



For installation with two door panels and sidelight on one side, fixed at ceiling, Optional DORMOTION unit

Max. weight of door panels
80 kg.

Min. and max. panel measures see page 80.

Calculation of track length
 $B = LW - 4$

Calculation of glass width

2 panels

$$LL = (LW - V + 51) / 3$$

$$SL = LL + V$$

2 + 2 panels

$$LL = (LW - 2 \times V + 102) / 6$$

$$SL = LL + V$$

Calculation of glass height (=surface mounted)

$$HLL = LH + 18$$

$$HSL = LH - 27$$

Calculation of glass height (=recessed)

$$HLL = LH + 43$$

$$HSL = LH + 2$$

Calculations

2 panels

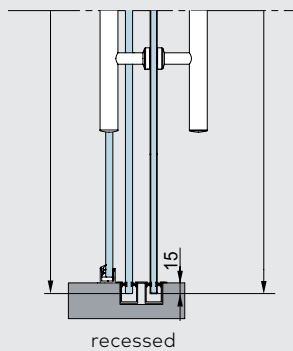
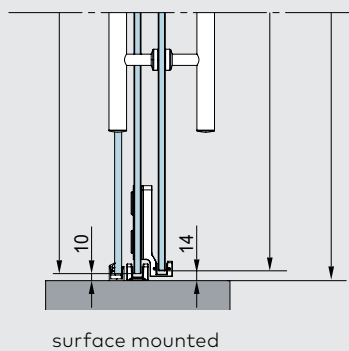
$$S = (LW - V + 66) / 3$$

$$LDW = LW - S$$

2 + 2 panels

$$S = (LW - 2 \times V + 132) / 6$$

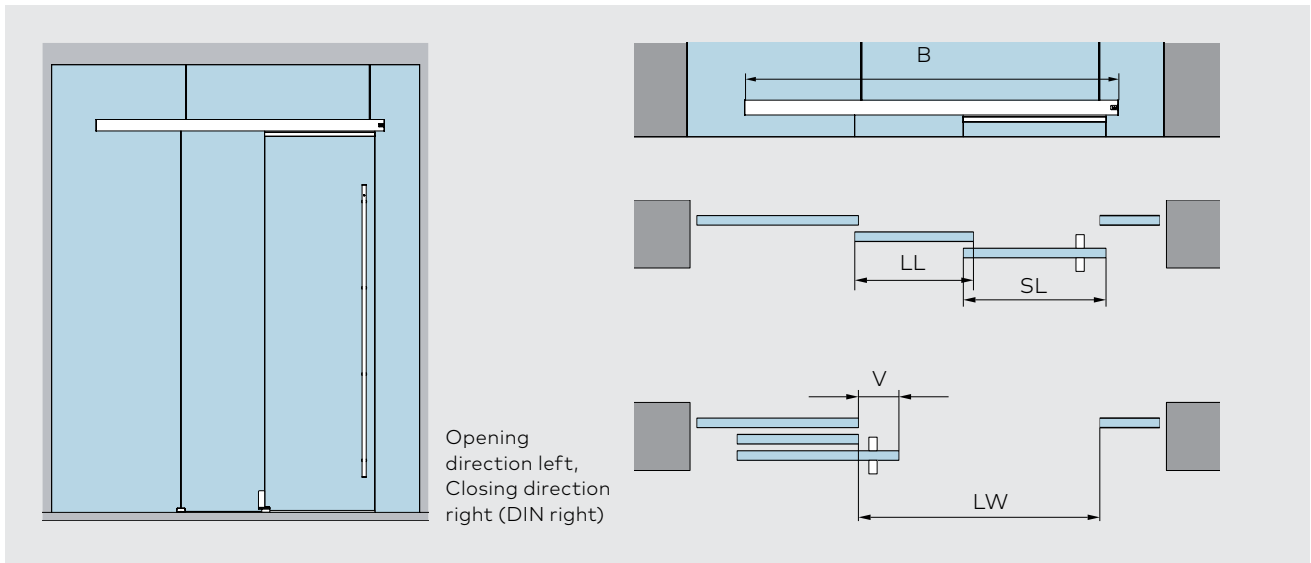
$$LDW = LW - 2 \times S$$



- B = Length of track
- HLL = Glass height slow moving panel
- HSL = Glass height quick moving panel
- LH = Clear opening height
- LW = Clear opening width
- LDW = Clear opening passage width

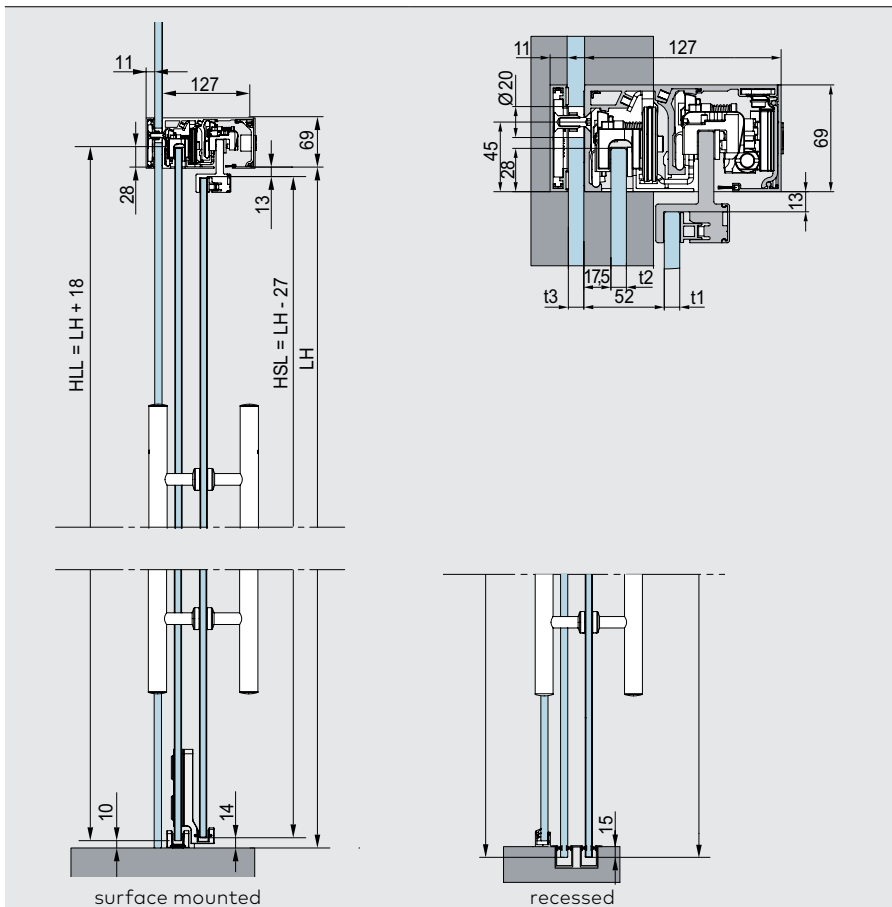
- LL = Slow moving panel
- SL = Quick moving panel
- S = Glass sidelight
- t = Glass thickness
- V = Overlapping size of handle bar

Type illustrations glass installation



Fixed at ceiling

Features and data



For installation with two door panels fixed at glass, 8–13.5 mm glass thickness, Optional DORMOTION unit

Max. weight of door panels
80 kg.

Min. and max. panel measures see page 80.

Calculation track length

2 panels
 $B = 1.5 \times LW - V/2 + 135$

2 + 2 panels
 $B = 1.5 \times LW - V + 67$

Calculation of glass width

2 panels
 $LL = (LW - V + 90) / 2$
 $SL = LL + V$

2 + 2 panels
 $LL = (LW - 2 \times V + 114) / 4$
 $SL = LL + V$

Calculation of glass height (=surface mounted)

$HLL = LH + 18$
 $HSL = LH - 27$

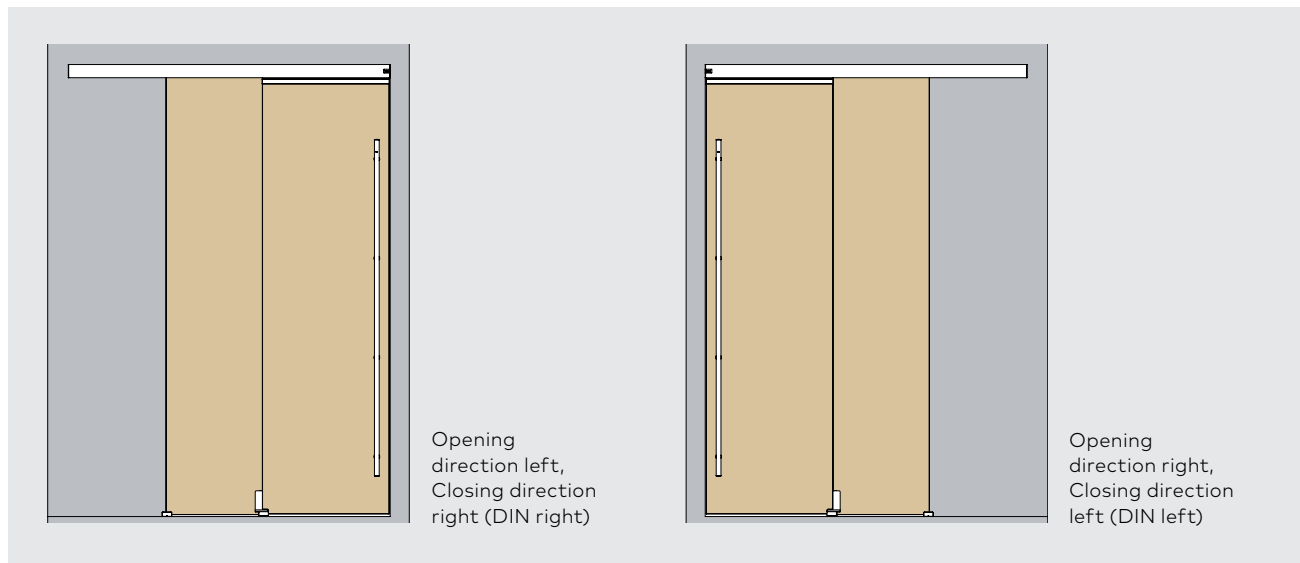
Calculation of glass height (=recessed)

$HLL = LH + 43$
 $HSL = LH + 2$

- B = Length of track
- HLL = Glass height slow moving panel
- HSL = Glass height quick moving panel
- LH = Clear opening height
- LW = Clear opening width

- LL = Slow moving panel
- SL = Quick moving panel
- t = Glass thickness
- V = Overlapping size of handle bar

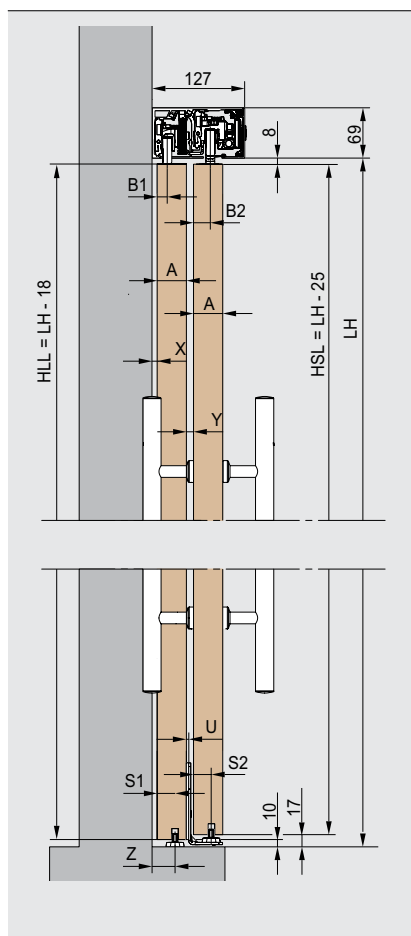
Type illustrations for timber door



Opening direction left, Closing direction right (DIN right)

Opening direction right, Closing direction left (DIN left)

Fixed at wall



Features and data

Features and data
For installation with two timber doors, for 28–50 mm timber elements

Optional DORMOTION unit

Max. weight of door panels
80 kg.

Min. and max. panel measures see page 80.

Calculation of track length
cf. glass calculations

Calculation panel width
cf. glass calculations

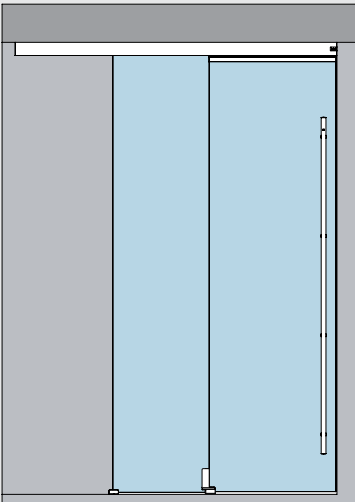
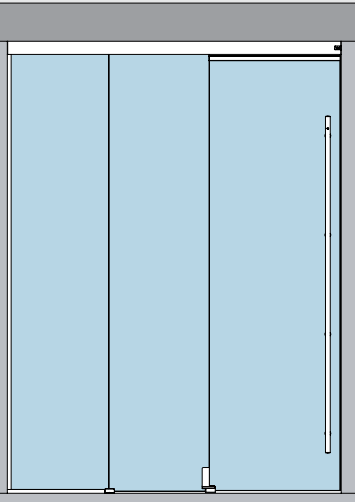
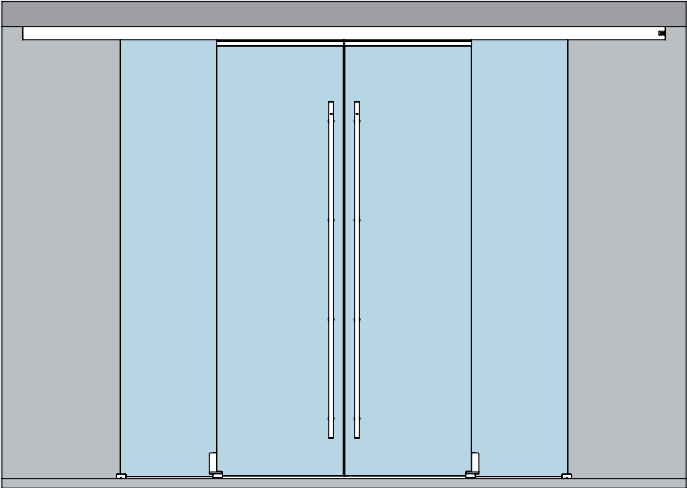
Calculation of panel height
HLL = LH + 18
HSL = LH - 27

A	S1	S2	X	Y	Z	B1	B2	U
28	9.5	9.5	11	23	25	10	18	6
29	9.5	9.5	11	22	25	10	18	5
30	9.5	9.5	11	21	25	10	18	4
31	9.5	9.5	11	20	25	10	18	3
32	9.5	9.5	11	19	25	10	18	2
33	9.5	9.5	11	18	25	10	18	1
34	9.5	9.5	11	17	25	10	18	-
35	14	14	11	13	29.5	10	21.5	-
36	14	14	11	13	29.5	10	20.5	-
37	14	14	11	13	29.5	10	19.5	-
38	14	14	11	13	29.5	10	18.5	-
39	14	14	11	13	29.5	10	17.5	-
40	20	20	7	7	31.5	14	26	-
41	20	20	7	7	31.5	14	25	-
42	20	20	7	7	31.5	14	24	-
43	20	20	7	7	31.5	14	23	-
44	20	20	7	7	31.5	14	22	-
45	20	20	7	7	31.5	14	21	-
46	20	20	7	7	31.5	14	20	-
47	20	20	7	7	31.5	14	19	-
48	20	20	7	7	31.5	14	18	-
49	20	20	7	7	31.5	14	17	-
50	20	20	7	7	31.5	14	16	-

LH = Clear opening height
HLL = Glass height slow moving panel
HSL = Glass height quick moving panel

Glass door sets, with moving floor guide

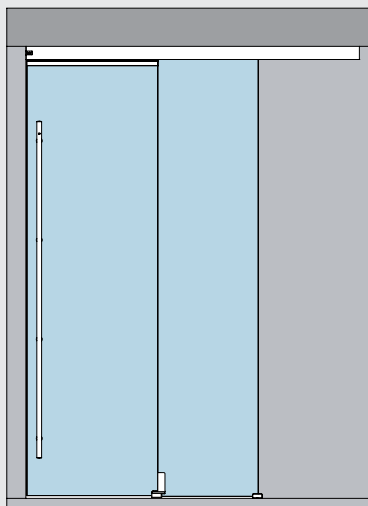
Fixed at wall	Features and data	Art. No.
	<p>MUTO Premium Telescopic 80</p> <p>Set 1 for wall installation, with moving floor guide, 2 panels (left)</p> <p>Incl. track profile, cover profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.701
	<p>MUTO Premium Telescopic 80</p> <p>Set 2 for wall installation, with moving floor guide, 2 panels (right)</p> <p>Incl. track profile, cover profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.702
	<p>MUTO Premium Telescopic 80</p> <p>Set 3 for wall installation, with moving floor guide, 4 panels (2 left / 2 right)</p> <p>Incl. track profile, cover profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.709

Fixed at ceiling	Features and data	Art. No.
	<p>MUTO Premium Telescopic 80</p> <p>Set 4 for ceiling installation, with moving floor guide, 2 panels (left)</p> <p>Incl. track profile, cover profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	<p>36.703*</p>
	<p>MUTO Premium Telescopic 80</p> <p>Set 5 for ceiling installation, with moving floor guide, 2 panels (left) plus side panel</p> <p>Incl. track profile, cover profile, side panel profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	<p>36.704*</p>
	<p>MUTO Premium Telescopic 80</p> <p>Set 6 for ceiling installation, with moving floor guide, 4 panels (2 left / 2 right)</p> <p>Incl. track profile, cover profile, side panel profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	<p>36.710*</p>
<p>*Please indicate with order</p> <ul style="list-style-type: none"> - with DORMOTION / without DORMOTION - with handle bar / without handle bar 		

Fixed at ceiling

Features and data

Art. No.

**MUTO Premium Telescopic 80****Set 7**

for ceiling installation, with moving floor guide, 2 panels (right)

36.705*

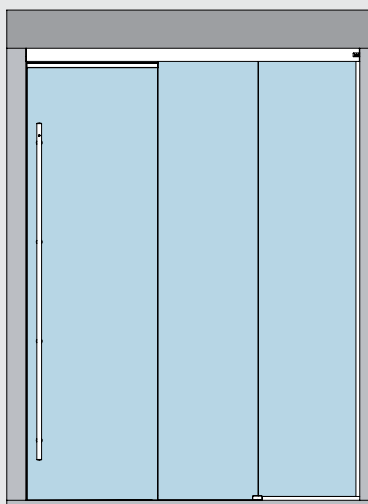
Incl. track profile, cover profile and brushes

Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg

Prepared for option DORMOTION

Set 7.1

also for lintel/90° stopped

36.740***MUTO Premium Telescopic 80****Set 8**

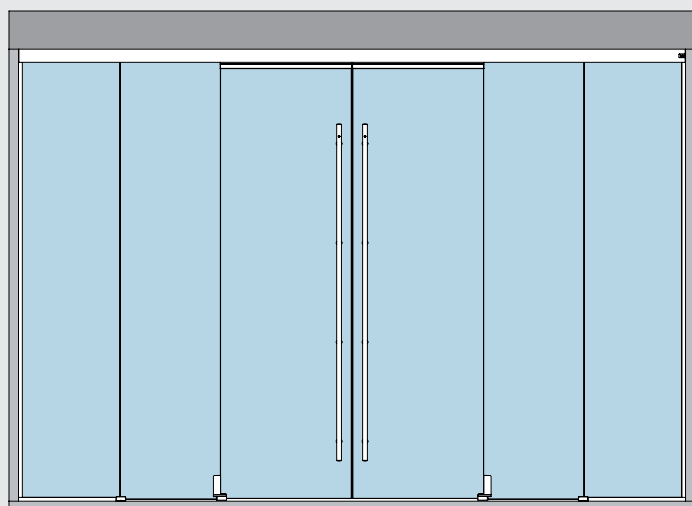
for ceiling installation, with moving floor guide, 2 panels (right) plus side panel

36.706*

Incl. track profile, cover profile, side panel profile and brushes

Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg

Prepared for option DORMOTION

**MUTO Premium Telescopic 80****Set 9**

for ceiling installation, with moving floor guide, 4 panels (2 left / 2 right) plus side panels

36.711*

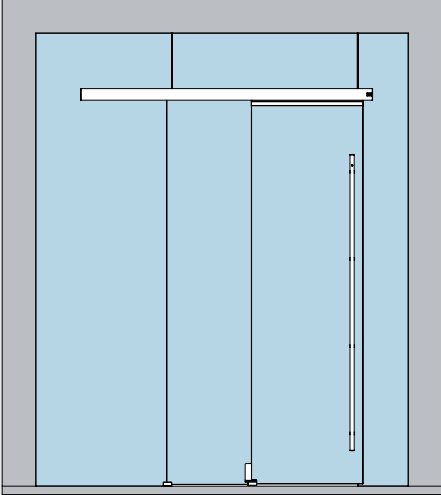
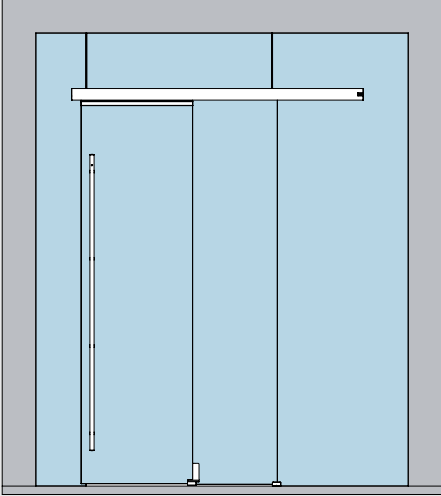
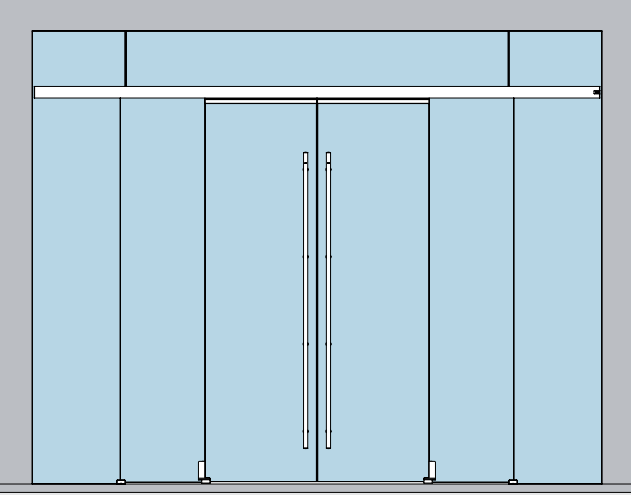
Incl. track profile, cover profile, side panel profiles and brushes

Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg

Prepared for option DORMOTION

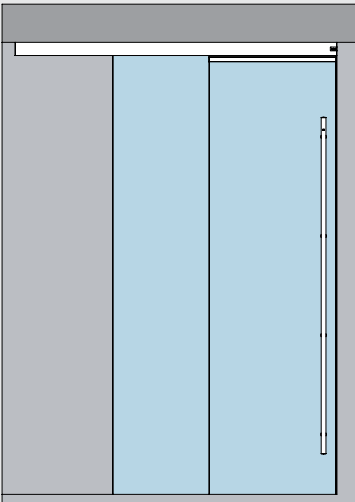
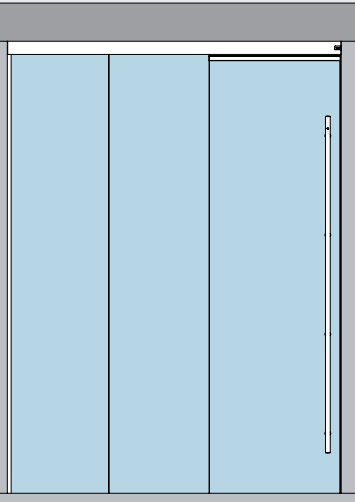
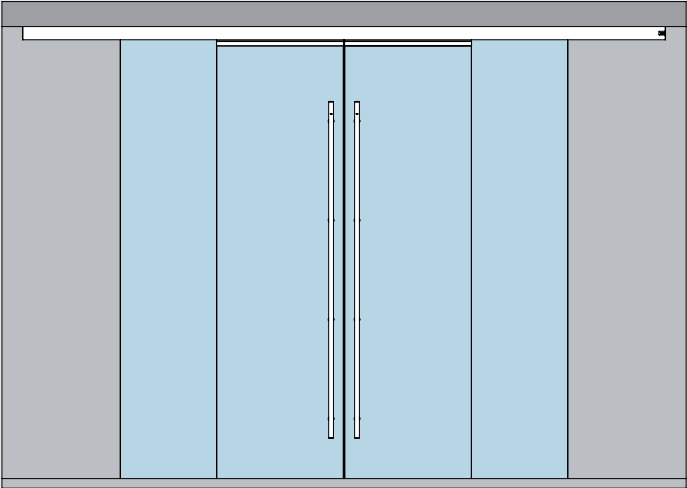
***Please indicate with order**

- with DORMOTION / without DORMOTION
- with handle bar / without handle bar

Fixed at glass	Features and data	Art. No.
	<p>MUTO Premium Telescopic 80</p> <p>Set 10 for glass installation, with moving floor guide, 2 panels (left)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p> <p>Please indicate the clear opening width (LW) with order</p>	36.707
	<p>MUTO Premium Telescopic 80</p> <p>Set 11 for glass installation, with moving floor guide, 2 panels (right)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p> <p>Please indicate the clear opening width (LW) with order</p>	36.708
	<p>MUTO Premium Telescopic 80</p> <p>Set 12 for glass installation, with moving floor guide, 4 panels (2 left / 2 right)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p> <p>Please indicate the clear opening width (LW) with order</p>	36.712

Glass door sets, with recessed floor guide profile

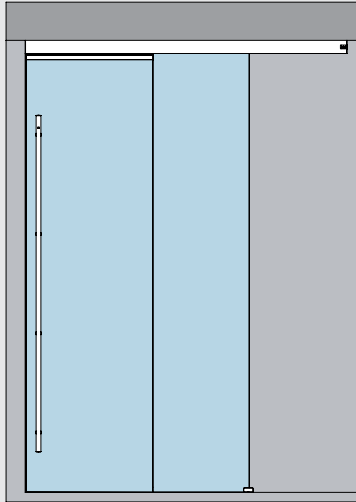
Fixed at wall	Features and data	Art. No.
	<p>MUTO Premium Telescopic 80</p> <p>Set 13 for wall installation, with recessed floor guide profile, 2 panels (left)</p> <p>Incl. track profile, cover profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	<p>36.713</p>
	<p>MUTO Premium Telescopic 80</p> <p>Set 14 for wall installation, with recessed floor guide profile, 2 panels (right)</p> <p>Incl. track profile, cover profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	<p>36.714</p>
	<p>MUTO Premium Telescopic 80</p> <p>Set 15 for wall installation, with recessed floor guide profile, 4 panels (2 left / 2 right)</p> <p>Incl. track profile, cover profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	<p>36.721</p>

Fixed at ceiling	Features and data	Art. No.
	<p>MUTO Premium Telescopic 80</p> <p>Set 16 for ceiling installation, with recessed floor guide profile, 2 panels (left)</p> <p>Incl. track profile, cover profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.715
	<p>MUTO Premium Telescopic 80</p> <p>Set 17 for ceiling installation, with recessed floor guide profile, 2 panels (left) plus side panel</p> <p>Incl. track profile, cover profile, side panel profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.716
	<p>MUTO Premium Telescopic 80</p> <p>Set 18 for ceiling installation, with recessed floor guide profile, 4 panels (2 left / 2 right)</p> <p>Incl. track profile, cover profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.722

Fixed at ceiling

Features and data

Art. No.

**MUTO Premium Telescopic 80****Set 19****36.717**

for ceiling installation, with recessed floor guide profile, 2 panels (right)

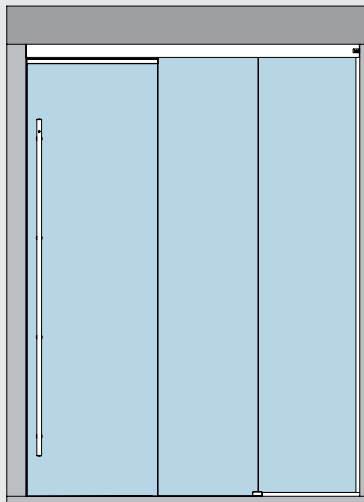
Incl. track profile, cover profile and brushes

Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg

Prepared for option DORMOTION

Set 19.1**36.744**

also for lintel/90° stopped

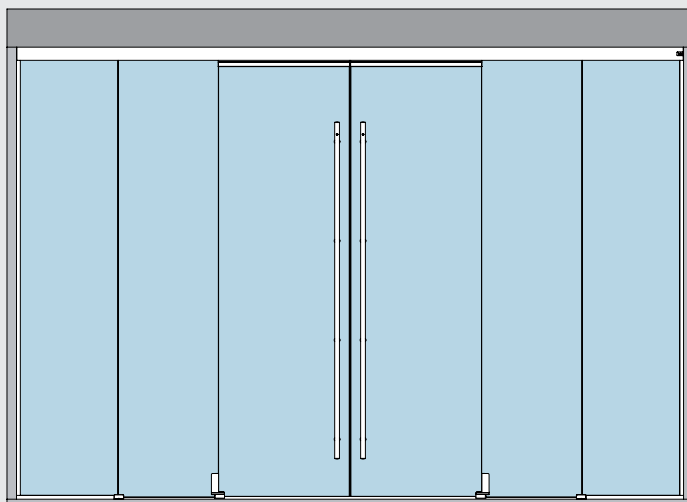
**MUTO Premium Telescopic 80****Set 20****36.718**

for ceiling installation, with recessed floor guide profile, 2 panels (right) plus side panel

Incl. track profile, cover profile, side panel profile and brushes

Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg

Prepared for option DORMOTION

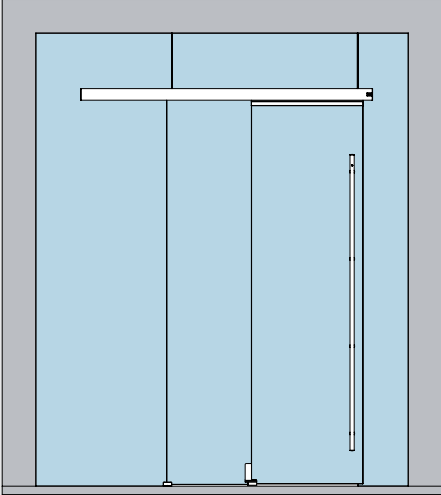
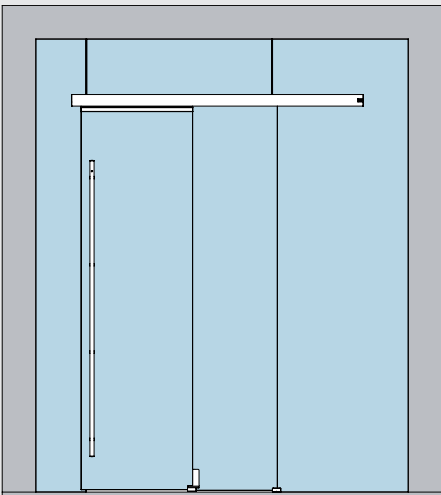
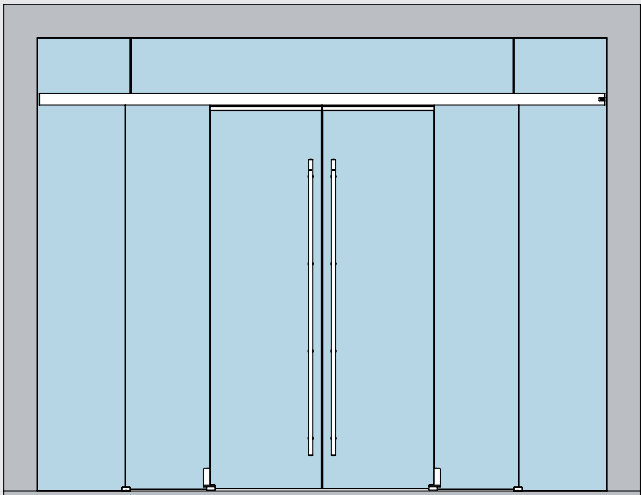
**MUTO Premium Telescopic 80****Set 21****36.723**

for ceiling installation, with recessed floor guide profile, 4 panels (2 left / 2 right) plus side panels

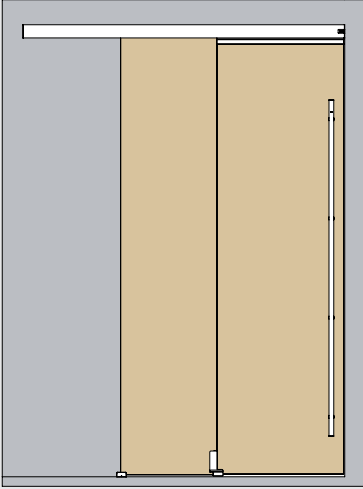
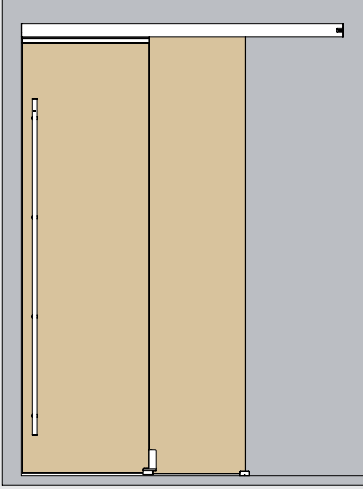
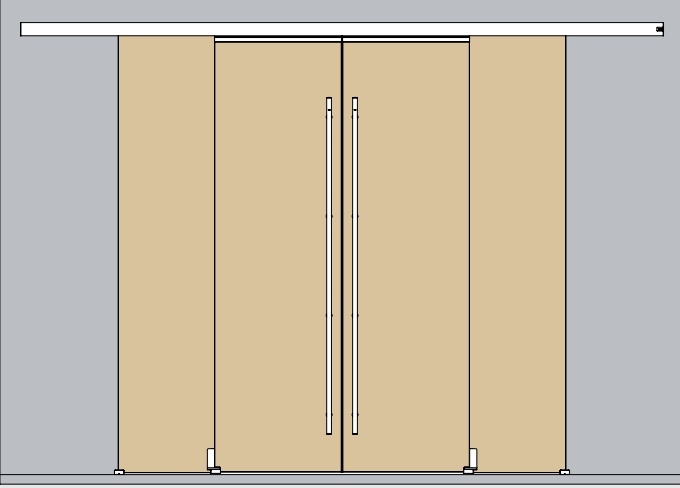
Incl. track profile, cover profile, side panel profiles and brushes

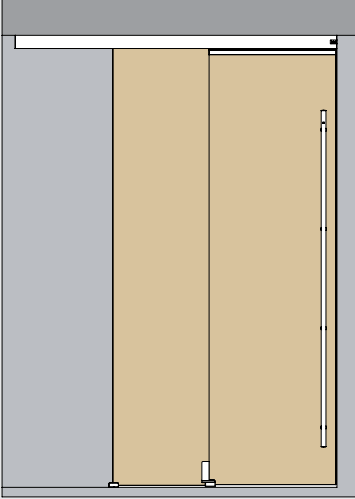
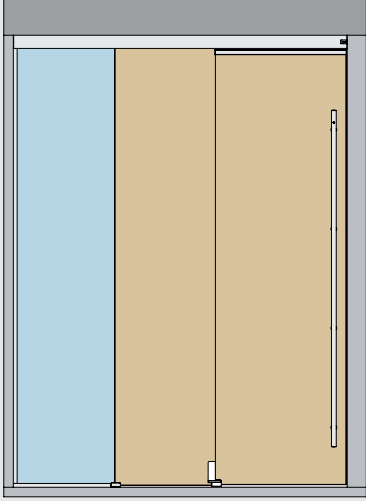
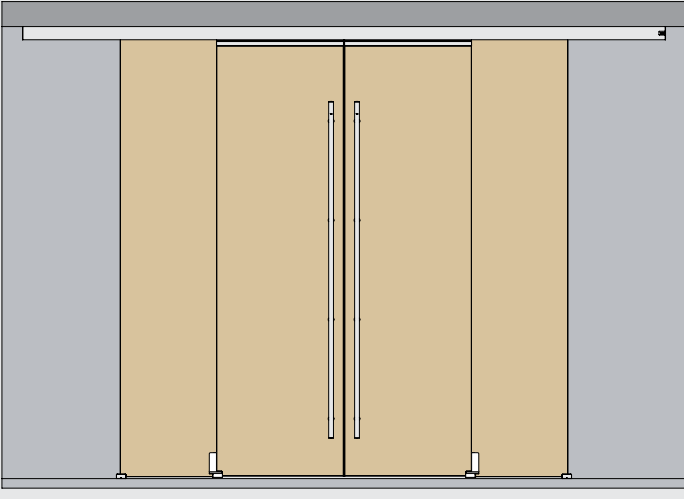
Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg

Prepared for option DORMOTION

Fixed at glass	Features and data	Art. No.
	<p>MUTO Premium Telescopic 80</p> <p>Set 22 for glass installation, with recessed floor guide profile, 2 panels (left)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p> <p>Please indicate the clear opening width (LW) with order</p>	36.719
	<p>MUTO Premium Telescopic 80</p> <p>Set 23 for glass installation, with recessed floor guide profile, 2 panels (right)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p> <p>Please indicate the clear opening width (LW) with order</p>	36.720
	<p>MUTO Premium Telescopic 80</p> <p>Set 24 for glass installation, with recessed floor guide profile, 4 panels (2 left / 2 right)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p> <p>Please indicate the clear opening width (LW) with order</p>	36.724

Timber door sets, with moving floor guide

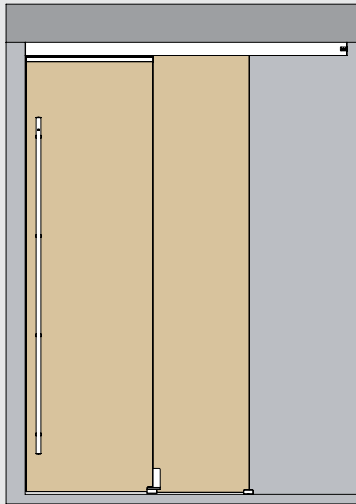
Fixed at wall	Features and data	Art. No.
	<p>MUTO Premium Telescopic 80</p> <p>Set 25 for wall installation, with moving floor guide, 2 panels (left),</p> <p>Incl. track profile, cover profile and brushes.</p> <p>For 28 – 50 mm timber elements, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.725
	<p>Set 25.1 also for lintel/90° stopped</p>	36.792
	<p>MUTO Premium Telescopic 80</p> <p>Set 26 for wall installation, with moving floor guide, 2 panels (right),</p> <p>Incl. track profile, cover profile and brushes.</p> <p>For 28 – 50 mm timber elements, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.726
	<p>Set 26.1 also for lintel/90° stopped</p>	36.793
	<p>MUTO Premium Telescopic 80</p> <p>Set 27 for wall installation, with moving floor guide, 4 panels (2 left / 2 right)</p> <p>Incl. track profile, cover profile and brushes</p> <p>For 28 – 50 mm timber elements, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	36.733

Fixed at ceiling	Features and data	Art. No.
	<p>MUTO Premium Telescopic 80</p> <p>Set 28 for ceiling installation, with moving floor guide, 2 panels (left)</p> <p>Incl. track profile, cover profile and brushes</p> <p>For 28 – 50 mm timber elements, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	<p>36.727</p>
	<p>MUTO Premium Telescopic 80</p> <p>Set 29 for ceiling installation, with moving floor guide, 2 panels (left) plus side panel (glass)</p> <p>Incl. track profile, cover profile, side panel profile and brushes</p> <p>For 28 – 50 mm timber elements, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	<p>36.728</p>
	<p>MUTO Premium Telescopic 80</p> <p>Set 30 for ceiling installation, with moving floor guide, 4 panels (2 left / 2 right)</p> <p>Incl. track profile, cover profile, and brushes</p> <p>For 28 – 50 mm timber elements, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	<p>36.734</p>

Fixed at ceiling

Features and data

Art. No.

**MUTO Premium Telescopic 80****Set 31**

for ceiling installation, with moving floor guide, 2 panels (right) plus side panel

36.729

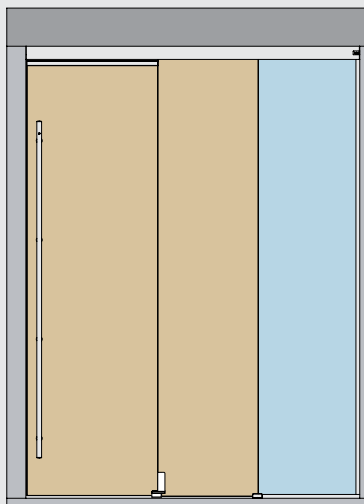
Incl. track profile, cover profile, side panel profile and brushes

For 28 – 50 mm timber elements, max. 80 kg

Prepared for option DORMOTION

Set 31.1

also for lintel/90° stopped

36.795**MUTO Premium Telescopic 80****Set 32**

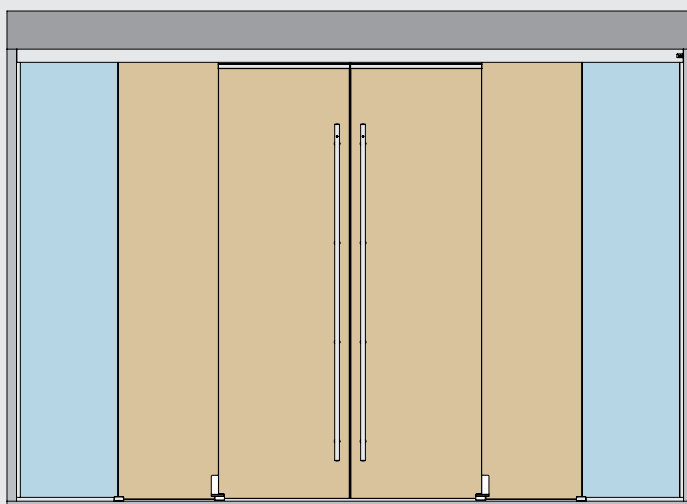
for ceiling installation, with moving floor guide, 2 panels (right) plus side panel (glass)

36.730

Incl. track profile, cover profile, side panel profile and brushes

For 28 – 50 mm timber elements, max. 80 kg

Prepared for option DORMOTION

**MUTO Premium Telescopic 80****Set 33**

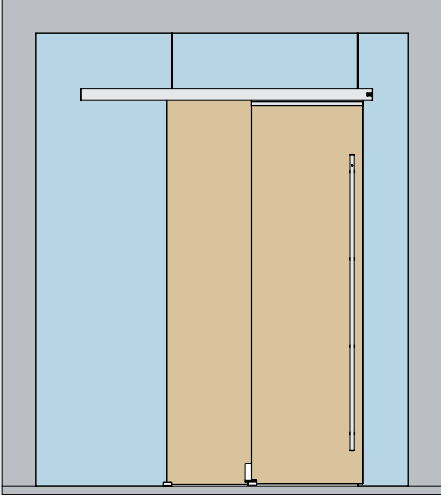
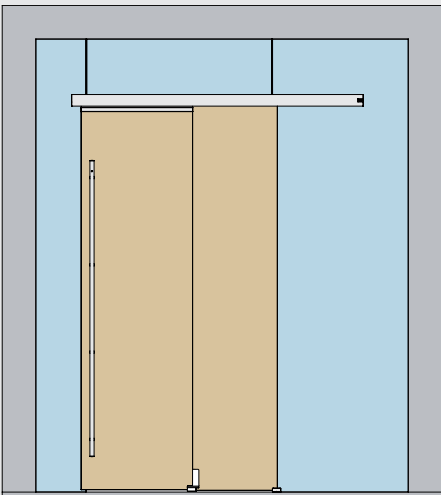
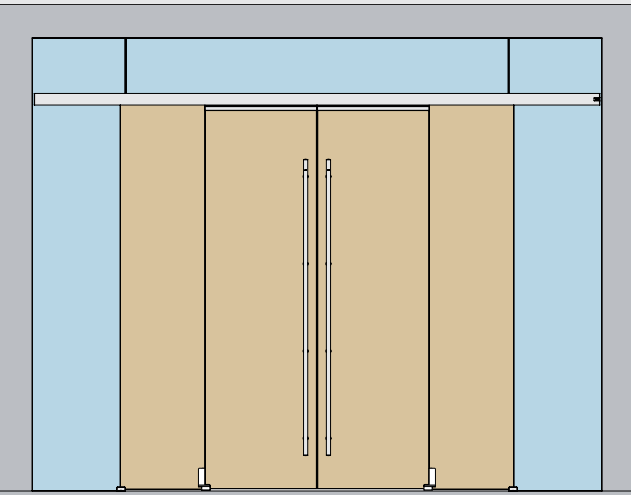
for ceiling installation, with moving floor guide, 4 panels (2 left / 2 right) plus side panels

36.735

Incl. track profile, cover profile, side panel profiles and brushes

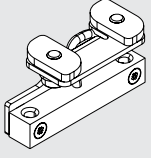
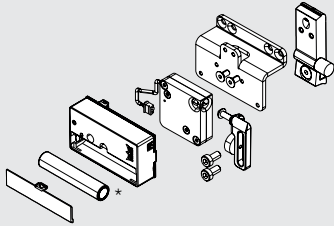

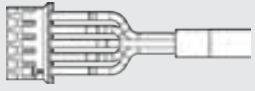
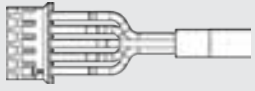
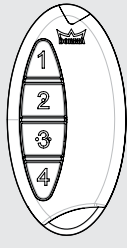
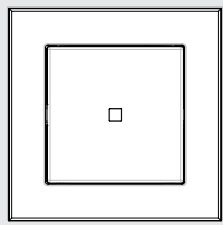
For 28 – 50 mm timber elements, max. 80 kg

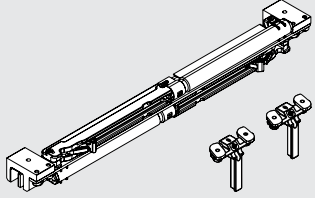
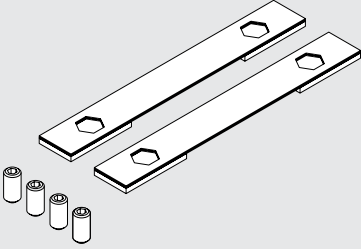
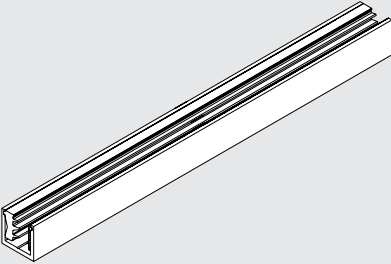
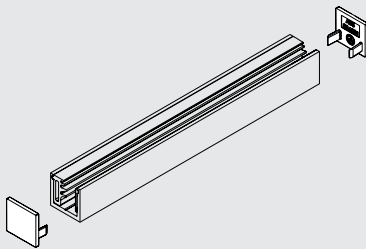
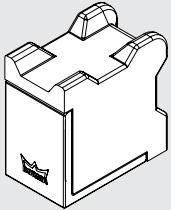
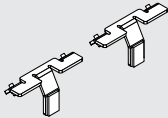
Prepared for option DORMOTION

Fixed at glass	Features and data	Art. No.
	<p>MUTO Premium Telescopic 80</p> <p>Set 34 for glass installation, with moving floor guide, 2 panels (left)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>For 28 – 50 mm timber elements, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	<p>36.731</p>
	<p>MUTO Premium Telescopic 80</p> <p>Set 35 for glass installation, with moving floor guide, 2 panels (right)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>For 28 – 50 mm timber elements, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	<p>36.732</p>
	<p>MUTO Premium Telescopic 80</p> <p>Set 36 for glass installation, with moving floor guide, 4 panels (2 left / 2 right)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>For 28 – 50 mm timber elements, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	<p>36.736</p>

Space for your notes

Component parts

	Features and data	Art. No.
	Comfort Status-Indicator set with complete accessory (sensor, cable etc.)	36.840
	Comfort Set locking device complete with complete accessory: locking-mechanic, electronic, installation-base etc. (only in combination with DORMOTION)	36.842
	* Comfort Battery for locking device	36.845
	Comfort Locking device	36.855
	Single cable set for indicator and low battery warning	
	Comfort Locking device Portable radio remote control	36.848
	Comfort Locking device Wall switch incl. radio remote control	36.849

	Features and data	Art. No.
	MUTO Premium Telescopic 80 DORMOTION unit incl. starter	36.786
	Comfort LSG set Accessory set for use with LSG for one pair of clamp carrier	36.468
	Comfort Floor profile for side panel fixing, complete with all gaskets, Profile for 8 – 13.5 mm glass stock length 6,000 mm fixed length mm*	36.810 36.811
	Comfort Set endcaps for floor profile - side panel fixing	36.812
	Floor stop Individually applicable for all options (glass or timber elements)	36.851
	MUTO spacer (2 pieces) for the installation at ceiling between two walls	36.890

* to be defined by customer

Content

RS 120 / RS 120 Synchro

106	General information
107	Type illustrations
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111/160	Accessories
179	Safety-related information



**RS 120 /
RS 120 Synchro**

General information



Rugged track

The hollow profiled aluminum track is light yet rugged and resistant to twisting. It can be fixed directly under the ceiling or onto a wall and simply cut to the required size.

Clip-on covers

The covers are made of aluminum, and are easily clipped onto the track. If the track is top fixed, onto the ceiling, the covers are used on both sides; if the track is side fixed, the cover is used on the exposed side only. The covers also can easily be cut to size.

Sidelight profile

A special profile to be hung and screwed into the track is available for the use with fixed sidelights. It ensures that the sidelight glass is mounted with the correct distance to the track. As a matter of course the sidelight profile can be provided with clip-on covers. Furthermore the free sidelight profile in the passage area can be covered from below by a bottom view protection profile.

Gentle, easy action

The carriers run on large nylon wheels, with needle bearings, giving a quiet and very low friction ride. They are made from high grade, glass fibre reinforced nylon, which is corrosion-resistant and extremely strong.

End stop and holder

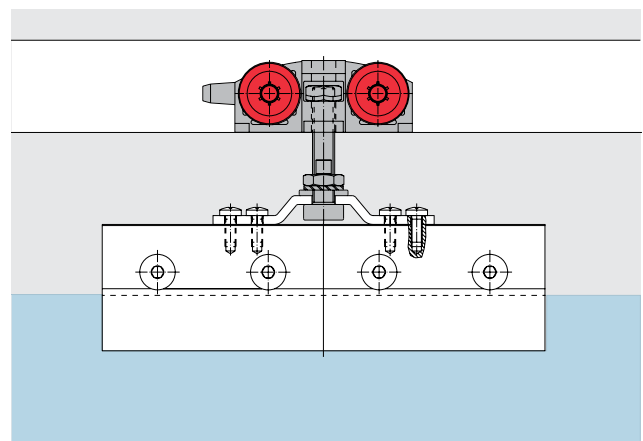
There is a clever device in the track which operates as a cushioned end stop, retaining the door securely in the end positions.

Synchro version

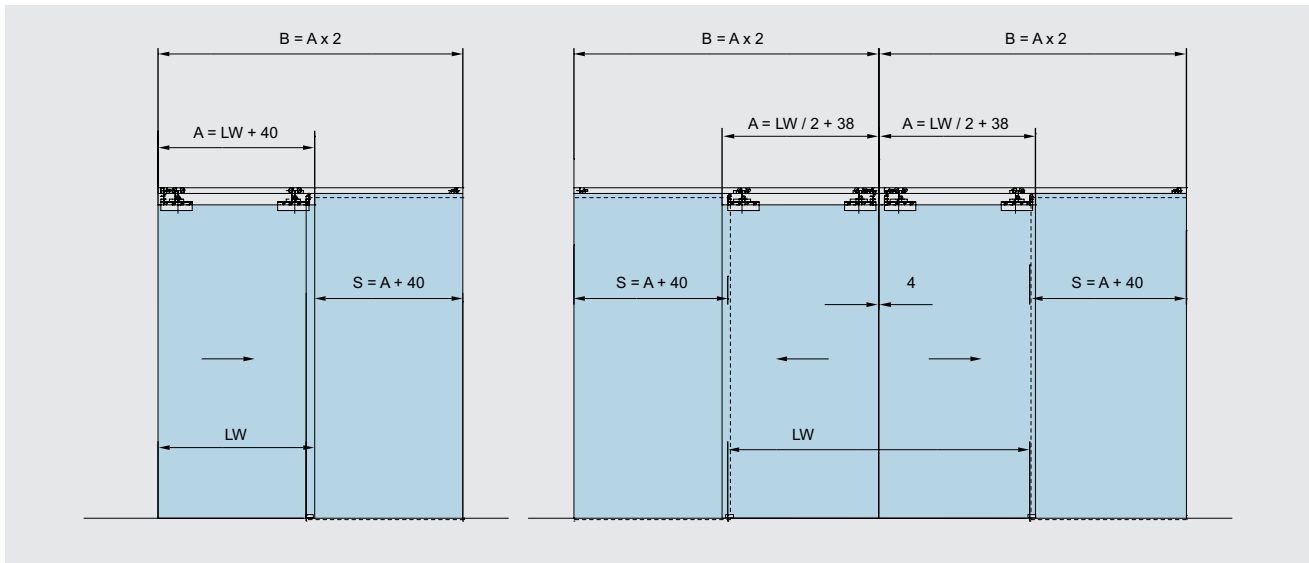
By a special cable and deflection device a synchronously opening system for a two-panel assembly can be realised. As only one of the panels has to be moved, the greatest possible operating convenience for maximum passage width is guaranteed.

No glass preparation

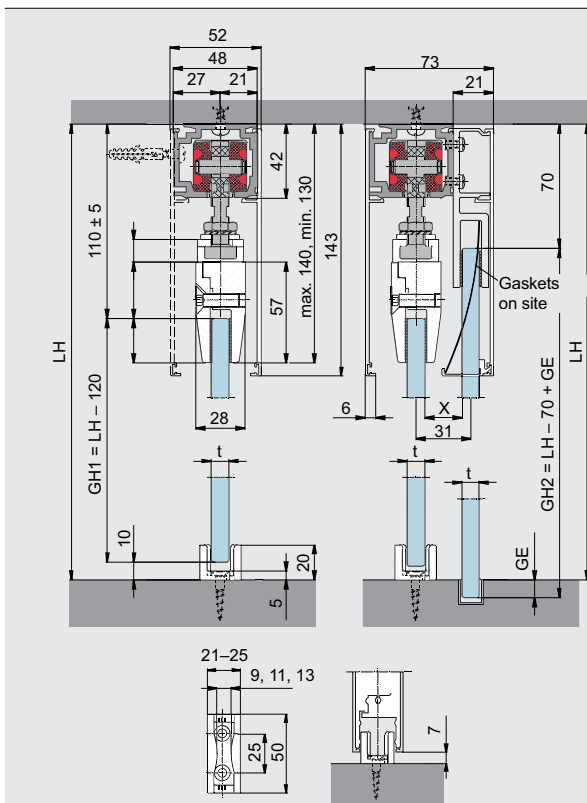
dormakaba has a wide experience in working with toughened glass, and this has led to the development of a clamping system which is all that is required for securing the glass blades in the RS sliding door gear. This has the additional benefit of allowing some door height adjustment, after the door is hung, without dismantling the already fixed glass.



Type illustrations



Features and Data



Adjustable floor guide

t	x
6 mm	23 mm
10 mm	21 mm
12 mm	19 mm

RS 120

For one or more door panels, with or without sidelights;
8, 10 and 12 mm glass thickness.

Maximum weight of door panels

No. of carriers	max weight (kg) per door leaf
2	120
3	150

Torque for screws in the clamping patches

20 Nm

Calculation of glass height

Height of sliding door leaf:

$$GH1 = LH - 120$$

(see drawing left hand)

Height of sidelight:

$$GH2 = LH - 70 \text{ mm} + GE \text{ (see drawing right hand)}$$

Calculation of glass width

Width of sliding door leaf:

$$A = LW + 40 \text{ (min. 500)}$$

Width of sidelight:

$$S = A + 40$$

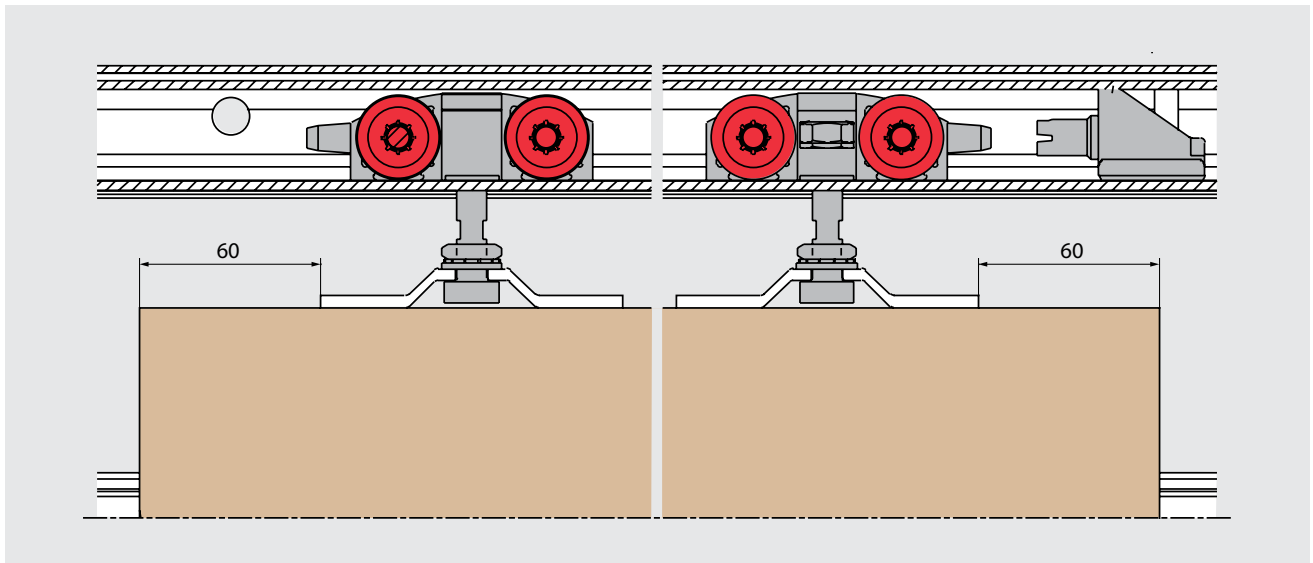
Note:

In order to maximise the protection afforded to the glass, we recommend that spacer 29.420 be fitted to sliding doors that move in opposite directions (see page 111).

A = Width of door leaf
B = Length of track
GH1 = Glass height of sliding door leaf
GH2 = Glass height of sidelight
GE = Glass rebate depth

LH = Clear opening height
LW = Clear opening width
S = Width of sidelight
t = Glass thickness

Sliding door system for timber doors

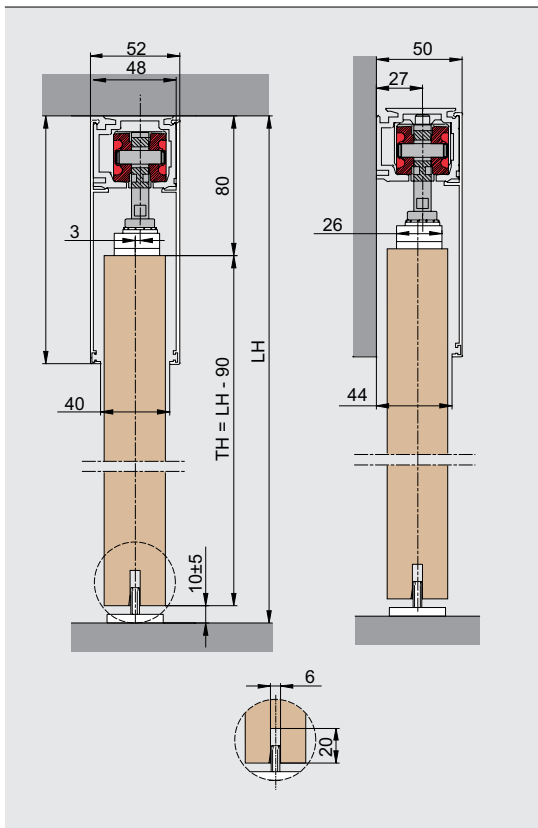


Sliding door system for timber doors

Features and data

No. of carriers

max weight (kg) per door leaf



RS 120

For one or more door panels.

2

120

Calculation of door panel height

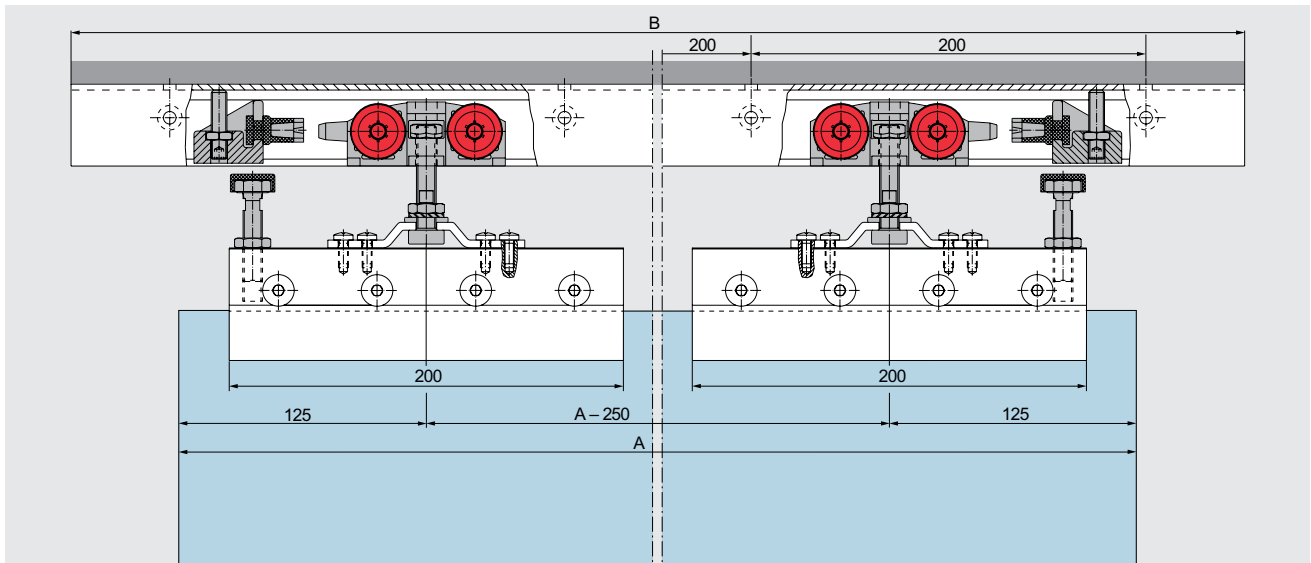
Height of sliding door leaf:

$$TH = LH - 90$$

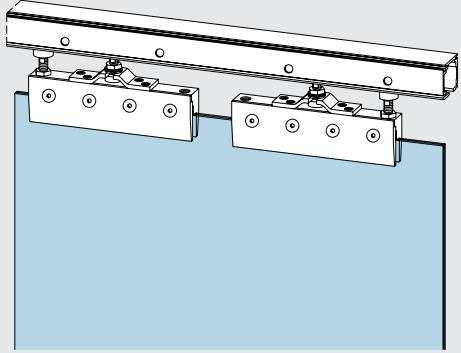
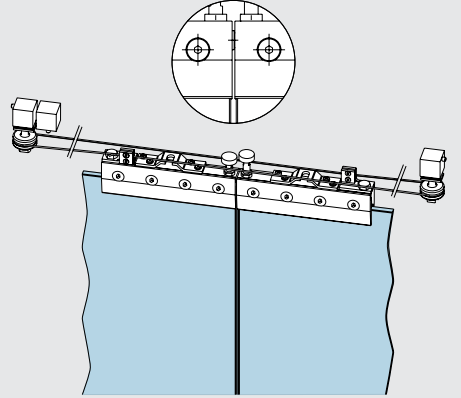
(see drawing left hand)

TH = door height
LH = clear opening height

Type illustrations ceiling installation

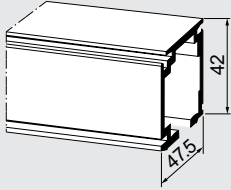
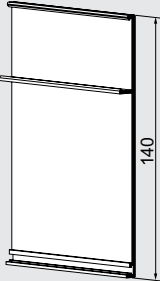
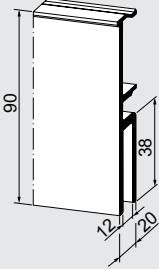
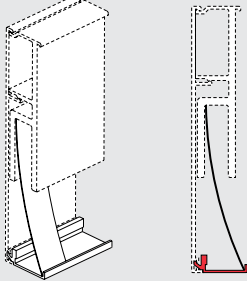


Opening to right side, Closing to left side (DIN Left)

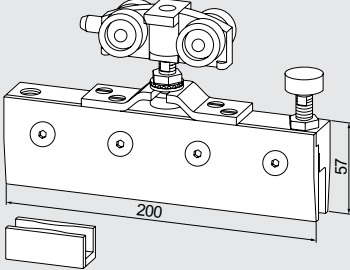
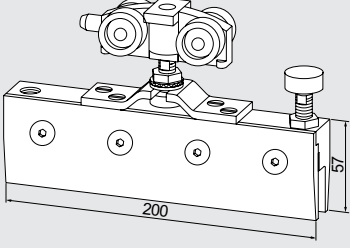
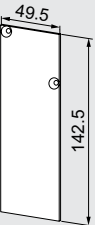
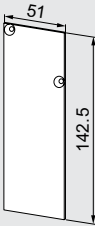
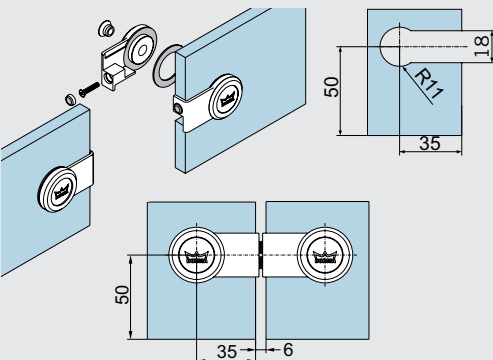
	Features and data	Track length B in mm	Weight in kg	Art. No.
	Sliding door gear RS 120 complete, consisting of 1 track, 2 carriers with clamping patches and support screw for 8 and 10 mm glass thicknesses, 2 end stops and 1 floor guide.	1,900	4.503	07.101
		2,900	5.858	07.102
	Sliding door gear RS 120 Synchro For 2-panel synchronously opening system, max. panel width = 2 x 1,000 mm, max. panel weight = 80 kg per panel, consisting of: 2 x accessory set 07.125 1 x deflection device incl. cable, adjustable			07.150

Track, if necessary sidelight profile, cover profile
 + view protection profile have to be ordered separately (see page 110).

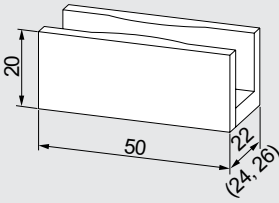
Component parts RS 120/RS 120 Syncro

	Features and data	Weight in kg/m	Art. No.
	<p>Track profile prepared for top or side fixing</p> <p>fixed length stock length 6,000 mm</p>	1.355	<p>07.131 07.121</p>
	<p>Cover profile for clip attachment with connecting web for view protection profile 07.137/138</p> <p>fixed length stock length 6,000 mm</p>	0.826	<p>07.141 07.140</p>
	<p>Sidelight profile connectable to track, non prepared</p> <p>fixed length stock length 6,000 mm</p>	1.680	<p>07.132 07.122</p>
	<p>Bottom view protection profile (only in combination with sidelight profile 07.132/122 and cover profile 07.141/140)</p> <p>fixed length stock length 6,000 mm</p>	0.164	<p>07.137 07.138</p>

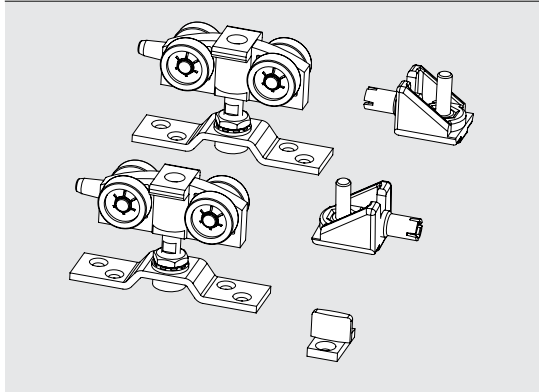
Accessories RS 120/RS 120 Syncro

	Features and data	Weight in kg/m	Art. No.
	<p>Set of accessories consisting of: 2 carriers with clamping patches (8 and 10 mm glass thicknesses) and support screw, 2 end stops with safety catch, 1 floor guide</p>		07.125
	<p>Additional carrier with clamping patches (8 and 10 mm glass thicknesses) for max. panel weight 150 kg</p> <p>Pair of intermediate aluminum plates for 12 mm glass thickness (for 2 clamping parts) (not illustrated)</p>		07.123 07.118
	<p>End cap track connected to wall left/right hand, incl. screws</p>	0.037	07.127
	<p>End cap track connected to ceiling left/right hand, incl. screws</p>	0.037	07.129
	<p>Spacer for sliding doors that move in opposite directions</p> <p>Please order our detail sheet 29-044-B for details of glass preparations.</p>		29.420

Floor guide

	Features and data	Weight in kg/m	Art. No.
	Floor guide, adjustable	0.024	07.126

Component parts for RS 120 for timber applications

Features and data**Art. No.****RS 120 accessories
for timber applications**

consisting of:
2 carriers,
2 end stops with safety catch,
1 floor guide

07.135

Content

MANET Compact Sets

116	General information
118	Set type 4.1/4.2
120	Set type 5.1/5.2
122	Set type 6.1/6.2
160	Accessories
179	Safety-related information

All elements -including the pull handles- are available in an elegant stainless steel finish. All the components are manufactured from the steel grade 1.4305 (approx. AISI 303) for normal interior applications.

For damp room or external applications (but not for saunas or swimming pools), special selected fittings manufactured in the stainless steel grade 1.4404 (approx. AISI 316) are also available. The

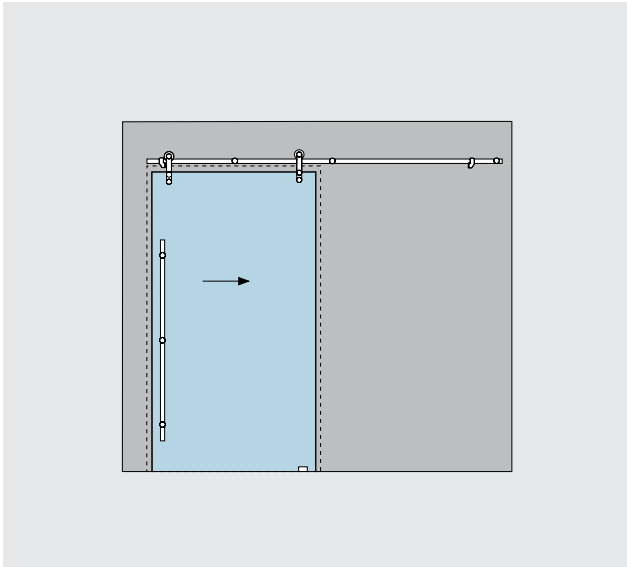
material selection necessary for your application can be determined with the aid of German general building regulations approval Z-30.3-6, Tables 1 and 1a or other national equivalents.

Note: The products detailed in this brochure are exclusively intended for glass assemblies that do not require separate building regulations approval.



MANET Compact Sets

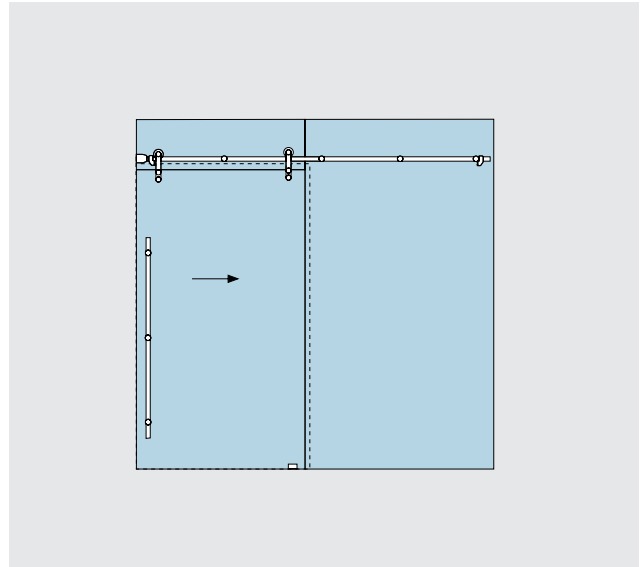
MANET Compact Sets



Set 4.1/4.2

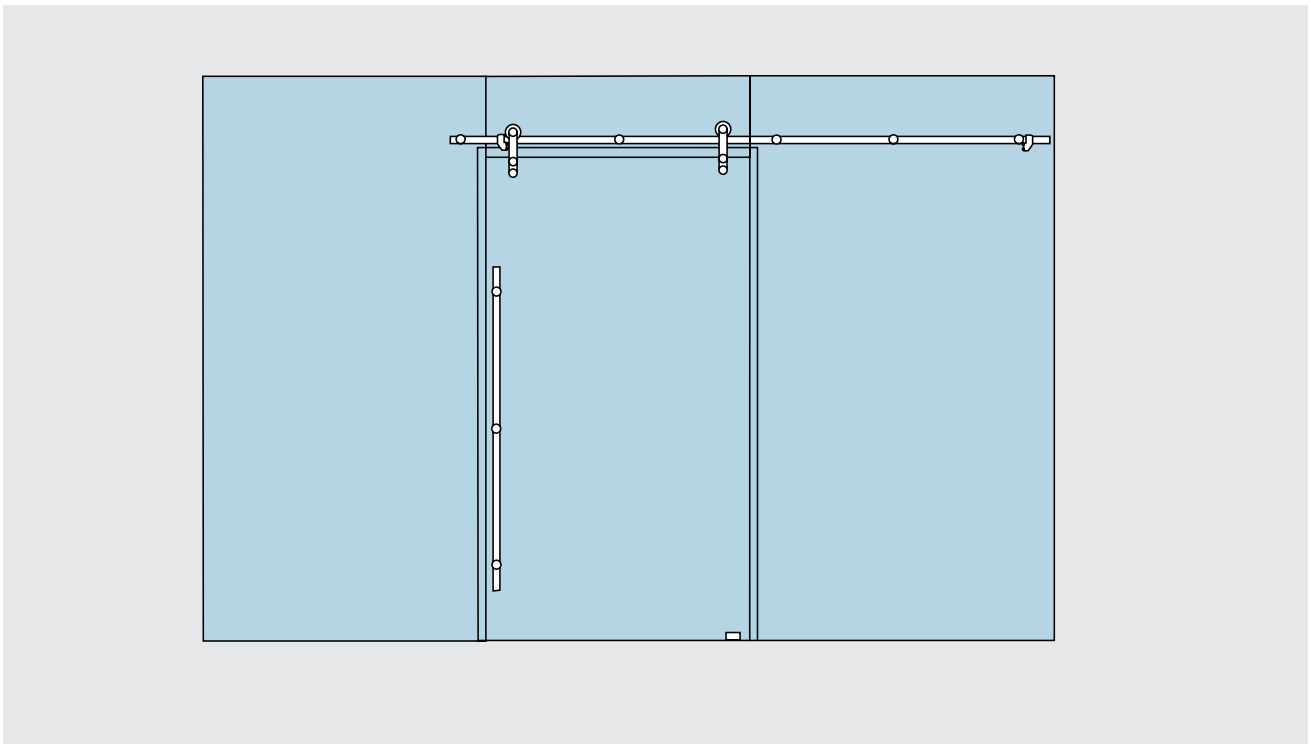
The aesthetic elegance of the MANET Compact concept is also available in the form of standardized sets for simple, fast planning of the more popular system types.

Optional accessories enable the individual sets to be semi-customized.



Set 5.1/5.2

The system components offer numerous adjustment possibilities in order to ensure problem-free installation of whichever door type – sliding or swing, single action or double action – is required. Wall abutment profiles may need to be provided (by others) for fixing over-panels and sidelights. see dormakaba technical brochure Fittings for Toughened Glass Assemblies)



Set 6.1/6.2



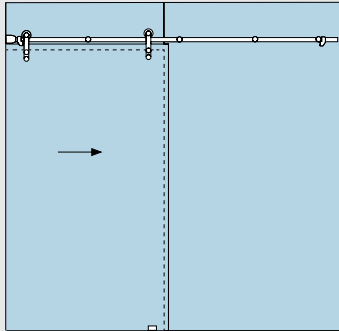
Sliding door MANET COMPACT for installation at wall, for 8 – 12 mm glass

Set 4.1/Set 4.2		Set 4.1 with single-point fixings countersunk Art. No.	Set 4.2 with clamping disc single-point fixings Art. No.
consisting of:		29.916	29.917
5 Clamp fixings for track / wall			
2 Roller carriers CLASSIC			
incl. single-point fixings for 8 – 12 mm glass			
1 Door stop left hand			
1 Door stop right hand			
1 Floor guide AGILE			
Installation tools			
Set as above,		29.925	29.926
but with 16 mm extended clamp fixing			
Not covered by the set:		21.436	21.436
Tubular track incl. end cups in fixed length*			
Tubular track, incl. end cups, stock length 3,000 mm		21.527	21.527
Accessory options for Set 4.1/Set 4.2			
Pull handles / Recessed pull grip			
Pull handles	Length 350 mm	29.268	21.240
	Length 720 mm	29.271	21.241
	Length 1,240 mm	29.274	21.242
	Length 1,760 mm	29.277	21.243
Pair of pull handles	Length 350 mm		21.267
	Length 720 mm		21.270
	Length 1,240 mm		21.273
	Length 1,760 mm		21.276
Recessed pull grip Ø 60 mm	for 8/10/12 mm glass		21.291
Recessed pull grip with grip hole Ø 60 mm	for 8 mm glass		21.292
	for 10 mm glass		21.293
	for 12 mm glass		21.294
Corner lock			
Corner lock			21.448
Corner lock with rose on one lock side			29.449
Profile cylinder for corner lock 21.448/449			14.206
Eccentric bushing for corner lock 21.448/449			05.194
Further accessories			
Aluminum guide rail with brush seals	stock length 3,000 mm		21.432
	stock length 6,000 mm		21.430
Assembling tool for MANET single-point fixing			21.134

*When ordering please indicate the necessary length. For calculation please see adjoining page.

Set 5.1/5.2

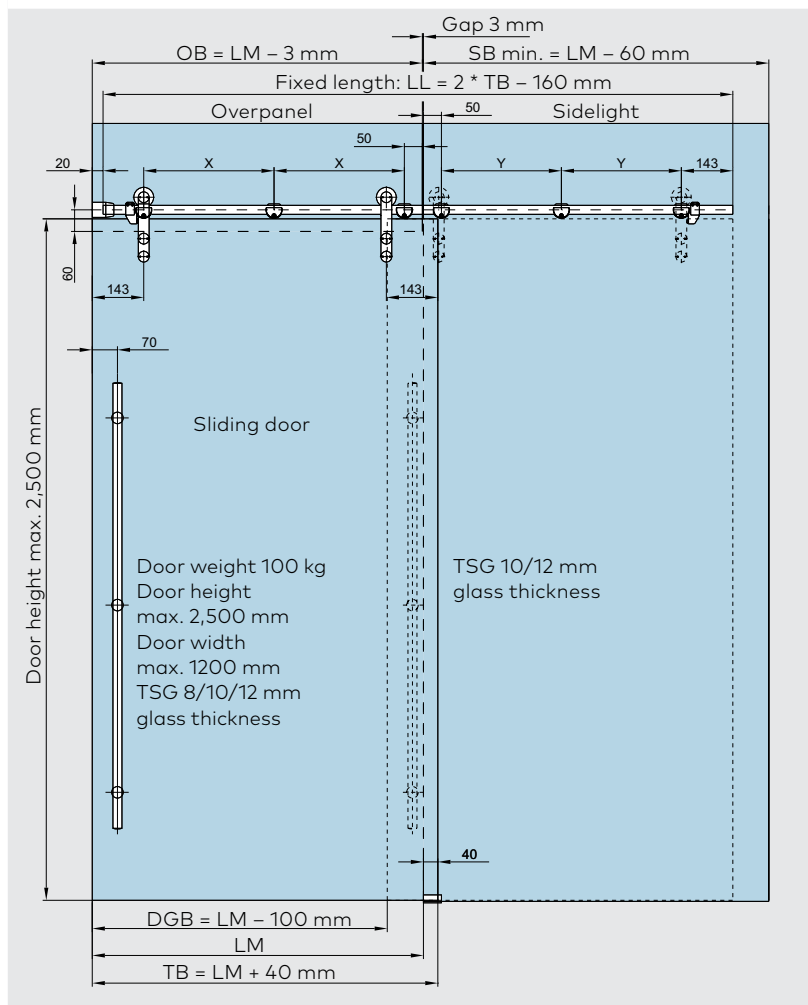
Sliding door MANET COMPACT for installation at glass, one side attached to masonry



for sliding door 8 – 12 mm glass,
fixed element 10 – 12 mm glass

Set 5.1
with countersunk single-point fixings

Set 5.2
with clamping disc single-point fixings



LM = Daylight opening
TB = Door width
DGB = Entry width
SBmin. = Min. sidelight width
LL = Tubular track length

X = Center distance between single-point fixings overpanel
(OB - 193) * 1/2
Y = Center distance between single-point fixings sidelight
Y = X - 29
OB = Overpanel width

Sliding door MANET COMPACT for installation at glass, one side attached to masonry

**for sliding door 8 – 12 mm glass,
fixed element 10 – 12 mm glass**
Set 5.1/Set 5.2
**Set 5.1 with
single-point
fixings
countersunk
Art. No.**
**Set 5.2 with
clamping disc
single-point
fixings
Art. No.**

consisting of:	29.918	29.919
6 Clamp fixings fixing at glass		
2 Roller carriers CLASSIC incl. single-point fixings for 8 – 12 mm glass		
1 Wall fixing		
1 Door stop left hand		
1 Door stop right hand		
1 Floor guide AGILE		
Installation tools		
Not covered by the set:		
Tubular track incl. end cups fixed length*		21.436
Tubular track incl. end cups, stock length 3,000 mm		21.527

Accessory options for Set 5.1/Set 5.2
Pull handles / Recessed pull grip

Pull handles	Length 350 mm	29.268	21.240
	Length 720 mm	29.271	21.241
	Length 1,240 mm	29.274	21.242
	Length 1,760 mm	29.277	21.243
Pair of pull handles	Length 350 mm		21.267
	Length 720 mm		21.270
	Length 1,240 mm		21.273
	Length 1,760 mm		21.276
Recessed pull grip Ø 60 mm	for 8/10/12 mm glass		21.291
Recessed pull grip with grip hole Ø 60 mm	for 8 mm glass		21.292
	for 10 mm glass		21.293
	for 12 mm glass		21.294

Corner lock

Corner lock		21.448
Corner lock with rose on one lock side		29.449
Profile cylinder for corner lock 21.448/449		14.206
Eccentric bushing for corner lock 21.448/449		05.194

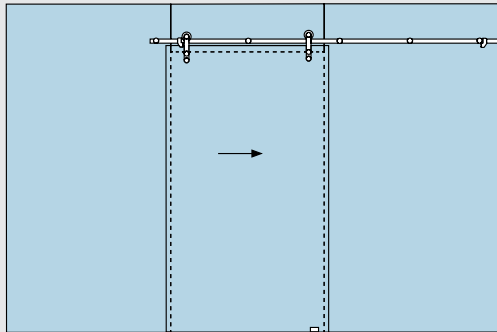
Further accessories

Aluminum guide rail with brush seals	stock length 3,000 mm	21.432	
	stock length 6,000 mm	21.430	
Ceiling connector (bearing function)		29.337	29.338
Assembling tool for MANET single-point fixing			21.134

* When ordering please indicate the necessary length! For calculation please see adjoining page.

Set 6.1/6.2

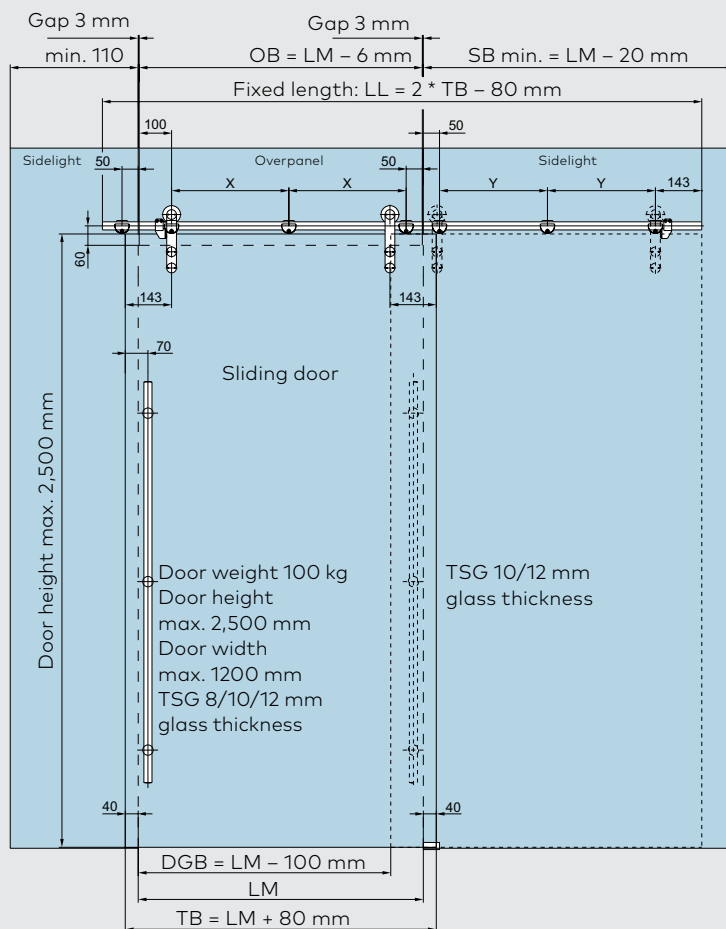
Sliding door MANET COMPACT for installation at glass, sidelights on both sides



for sliding door 8 – 12 mm glass,
fixed element 10 – 12 mm glass

Set 6.1
with countersunk single-point fixings

Set 6.2
with clamping disc single-point fixings



An appropriately dimensioned and torsionally stiff substructure will need to be provided for installation.

- LM = Daylight opening
- TB = Door width
- DGB = Entry width
- OB = Overpanel width
- SBmin. = min. sidelight width

- LL = Tubular track length
- X = Center distance between single-point fixings overpanel
(OB - 150) * 1/2
- Y = Center distance between single-point fixings sidelight
Y = X - 29

Sliding door MANET COMPACT for installation at glass, sidelight on both sides

**for sliding door 8 – 12 mm glass,
fixed elements 10 – 12 mm glass**
Set 6.1/Set 6.2
**Set 6.1 with
single-point
fixings
countersunk
Art. No.**
**Set 6.2 with
clamping disc
single-point
fixings
Art. No.**

consisting of:	29.920	29.921
7 Clamp fixings fixing at glass		
2 Roller carriers CLASSIC incl. single-point fixings for 8 – 12 mm glass		
1 Door stop left hand		
1 Door stop right hand		
1 Floor guide AGILE		
Installation tools		
Not covered by the set:		
Tubular track incl. end cups fixed length*		21.436
Tubular track incl. end cups, stock length 3,000 mm		21.527

Accessory options for Set 6.1/Set 6.2
Pull handles / Recessed pull grip

Pull handles	Length 350 mm	29.268	21.240
	Length 720 mm	29.271	21.241
	Length 1,240 mm	29.274	21.242
	Length 1,760 mm	29.277	21.243
Pair of pull handles	Length 350 mm		21.267
	Length 720 mm		21.270
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Recessed pull grip Ø 60 mm	for 8/10/12 mm glass		21.291
Recessed pull grip with grip hole Ø 60 mm	for 8 mm glass		21.292
	for 10 mm glass		21.293
	for 12 mm glass		21.294

Corner lock

Corner lock		21.448
Corner lock with rose on one lock side		29.449
Profile cylinder for corner lock 21.448/449		14.206
Eccentric bushing for corner lock 21.448/449		05.194

Further accessories

Aluminum guide rail with brush seals	stock length 3,000 mm	21.432	
	stock length 6,000 mm	21.430	
Ceiling connector (bearing function)		29.337	29.338
Assembling tool for MANET single-point fixing		21.134	

* When ordering please indicate the necessary length! For calculation please see adjoining page.

Content

MANET Concept Sliding door system

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127	Roller carrier
128	Track rail
136	Accessories
138	Glass preparation
136/160	Accessories
179	Safety-related information

All elements -including the pull handles- are available in an elegant stainless steel finish. All the components are manufactured from the steel grade 1.4305 (approx. AISI 303) for normal interior applications.

For damp room or external applications (but not for saunas or swimming pools), special selected fittings manufactured in the stainless steel grade 1.4404 (approx. AISI 316) are also available. The

material selection necessary for your application can be determined with the aid of German general building regulations approval Z-30.3-6, Tables 1 and 1a or other national equivalents.

Note: The products detailed in this brochure are exclusively intended for glass assemblies that do not require separate building regulations approval.



**MANET Concept
Sliding door system**

Sliding door system

The MANET sliding door system is ideal as an elegant addition complementing high-style interior concepts. Its main components take the form of a solid track rail and the roller carrier. Whether you prefer the TREND or CLASSIC versions, both can be combined with the solid track or a tubular track. The range includes both glass-flush and proud single-point fixings. The sliding door system allows plenty of scope for individual ideas.

In addition to the standard versions incorporated in toughened glass partitions or face-fixed on masonry openings, this hardware system can also be used to construct curved sliding doors, biparting sliding doors and parallel sliding doors. The fittings are designed for a door weight of max. 120 kg, resp. 80 kg with roller to glass. Mechanical stops that can be positioned on the track rail ensure that the door travel distance is effectively limited.

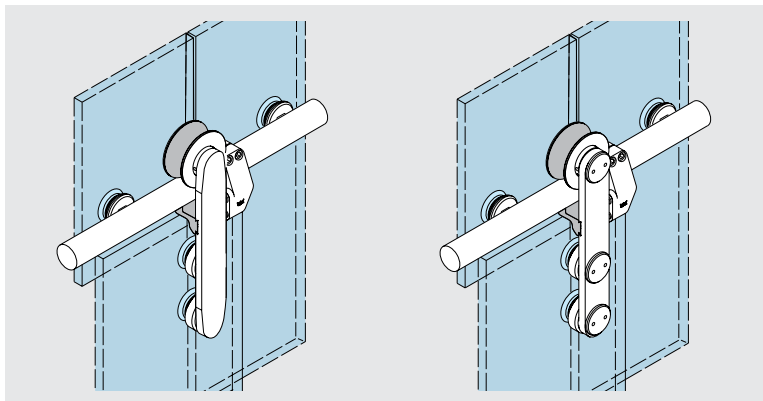


Roller carrier TREND



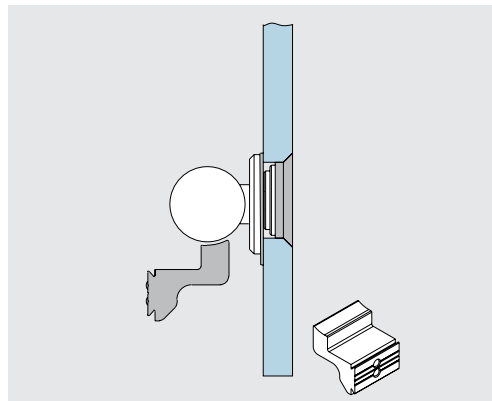
Roller carrier CLASSIC

Glass connection with drilled solid tracks



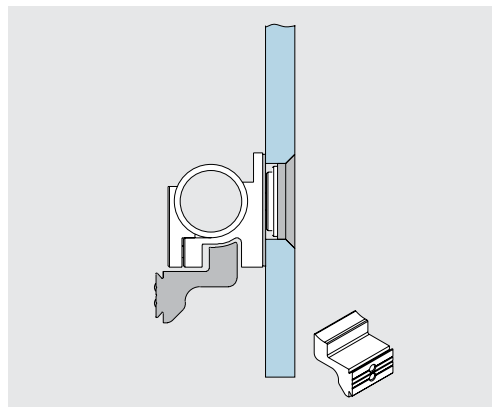
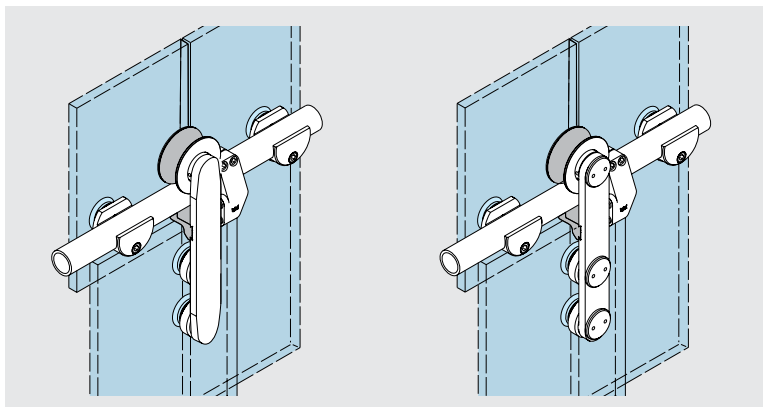
Roller carrier TREND

Roller carrier CLASSIC

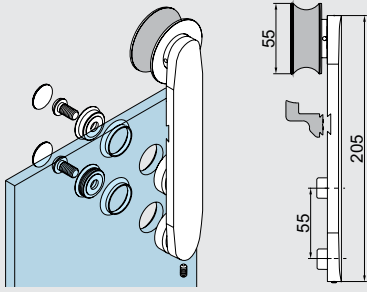
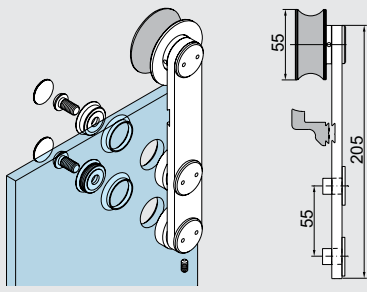
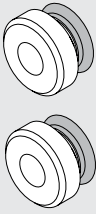
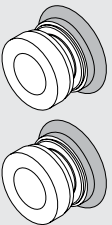


Towards securing the panel an accordant anti-jump device for solid and tubular tracks will be used.

Glass connection with clamp fixing and tubular tracks



Roller carrier

	Features and data	Glass thickness	Art. No.
	<p>Roller carrier TREND incl. anti-jump device</p> <p>only lug with roller</p>		29.424
	<p>Roller carrier CLASSIC incl. anti-jump device</p> <p>only lug with roller AISI 316L</p>		29.422 29.423
	<p>Single-point fixing for roller carrier, 2 pcs. each</p>	8 – 12 mm	29.430 29.431
	<p>Single-point fixings for roller carrier at timber, 2 pcs. each</p>	8 – 12 mm	29.432 29.433
	<p>countersunk for glass AISI 316L</p>	13.5 – 17.5 mm	29.435 29.437
	<p>clamping disc for glass AISI 316L</p>	19 mm	
	<p>countersunk for 20 – 40 mm timber clamping disc for 20 – 40 mm timber</p>		29.510 29.520

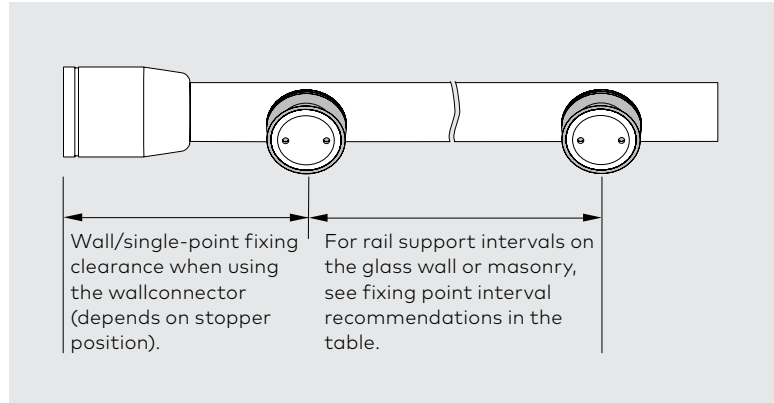
Solid track and accessories

Track supply and installation

The track rail for the sliding door is pre-fabricated according to the customer's drawing and supplied together with the glass or wall brackets ordered for the application concerned.

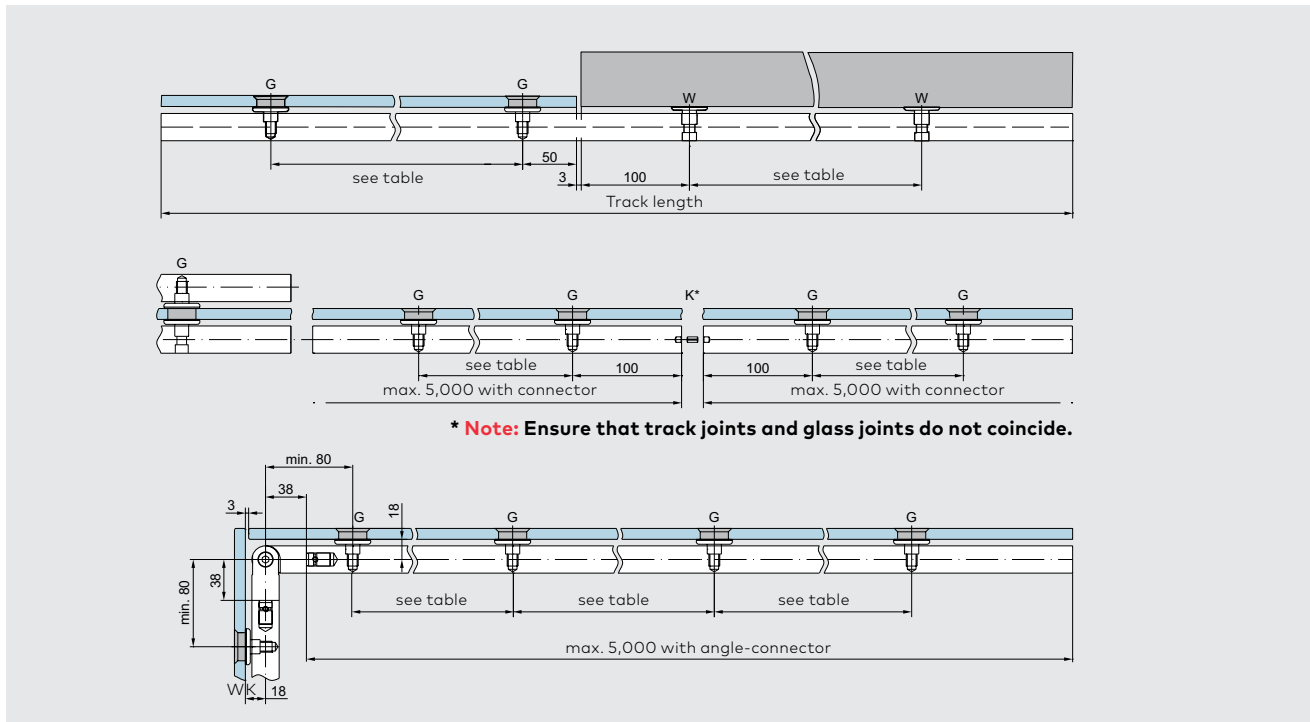
Fixing screws for wall installation by others

Of decisive importance for prefabrication and fixing to glass partitions is that the mounting points coincide with the holes drilled in the glass. The length-wise tolerances should not be greater than ± 0.3 mm.



Caution! Ensure that the stops/single-point fixings are positioned at locations appropriate to the width of the door.

Required dimensions for the track production



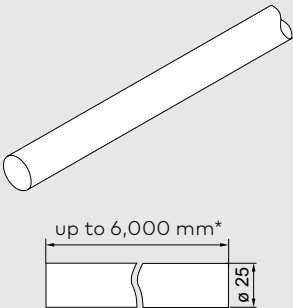
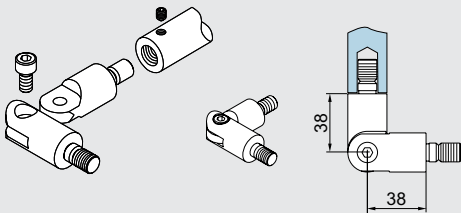
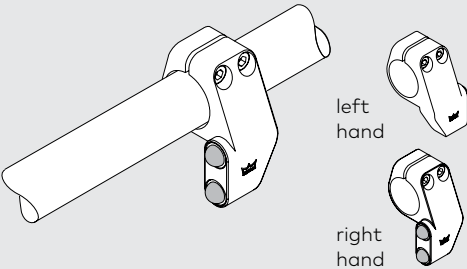
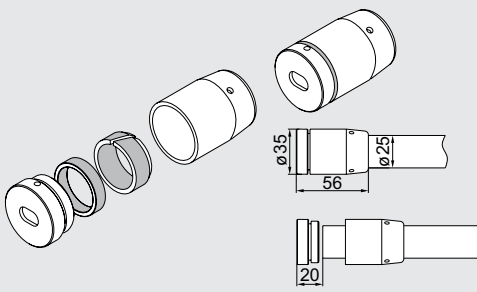
*** Note:** Ensure that track joints and glass joints do not coincide.


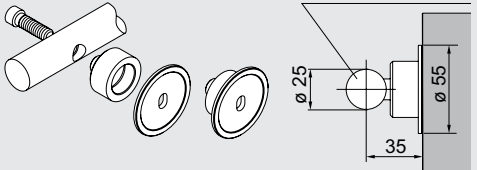
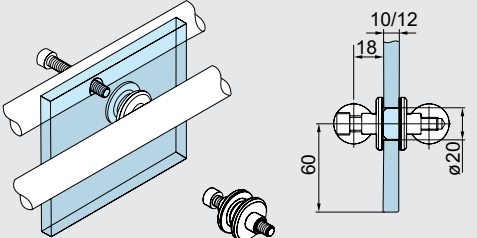
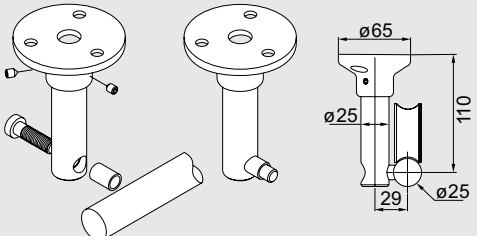
G = Fixing point at glass
W = Fixing point at wall

K = Connection
WK = Angle-connection

Recommended distance of the track fixing points

Door height in mm	Door width in mm																										
	700			800			900			1,000			1,100			1,200			1,300			1,400					
	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm					
1,900	8	10	12	8	10	12	8	10	12	8	10	12	8	10	12	8	10	12	8	10	12	8	10	12	8	10	12
2,000	770	710	670	770	720	670	770	710	670	760	710	670	760	700	660	750	700	650	740	690	650	730	680	640	720	660	630
2,100	750	700	650	750	700	660	750	700	650	740	690	650	740	680	640	730	680	640	720	670	630	710	660	620	700	650	610
2,200	730	680	640	730	680	640	730	680	640	730	670	630	720	670	630	710	660	620	710	660	620	700	650	610	690	640	600
2,300	710	660	620	710	660	620	710	660	620	710	660	620	700	650	610	700	650	610	690	640	600	680	630	590	670	620	580
2,400	690	640	610	700	650	610	700	640	610	690	640	600	690	640	600	680	630	600	680	630	590	670	620	580	660	610	-
2,500	680	630	590	680	630	590	680	630	590	680	630	590	670	620	590	670	620	580	660	610	580	650	600	570	640	600	-

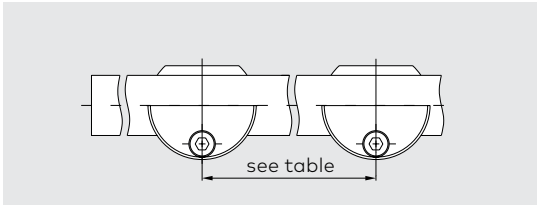
	Features and data	Art. No.
 <p>*max. single length 5,000 mm by coupling</p>	<p>Solid track The track rail is prefabricated per customer specifications/ drawing with all the necessary drill holes already provided.</p> <p>Track, drilled for fixing at glass fixed length up to 6,000 mm</p> <p>AISI 316L</p> <p>for fixing at wall up to 6,000 mm</p> <p>AISI 316L</p> <p>Track, undrilled for fixing with clamp brackets fixed length up to 6,000 mm</p> <p>Also for AISI 316L</p>	<p>21.405</p> <p>21.456</p> <p>21.406</p> <p>21.457</p> <p>21.407</p> <p>21.458</p>
<p>Threaded rod M5 x 6</p>  <p>Angle connection 90 – 180°</p>	<p>Connectors</p> <p>offset for tracks 90 – 180°</p> <p>Also for AISI 316L</p>	<p>21.442</p> <p>21.443</p>
 <p>left hand</p> <p>right hand</p>	<p>Door stop</p> <p>left hand AISI 316L</p> <p>right hand AISI 316L</p>	<p>29.425</p> <p>29.427</p> <p>29.426</p> <p>29.428</p>
	<p>Wall fixing for tubular track / solid track</p> <p>AISI 316L</p>	<p>29.445</p> <p>29.446</p>

Solid track fixing at wall	Features and data	Art. No.
	<p>Flange for fixing the track at wall AISI 316L</p>	<p>21.346 21.347</p>
 <p data-bbox="159 1093 558 1120">2-dimensional adjustment via oblong hole</p>	<p>Flange for fixing the track at wall, adjustable Adjustment + 5 mm Note: min. distance glass to wall 32 mm</p>	<p>21.412</p>
	<p>Fixing for double track</p>	<p>Art. No. 21.170</p>
	<p>Ceiling retainer for track carrying function</p>	<p>Art. No. 21.315</p>

Single-point fixing for solid track fixing at glass	Features and data	Glass thickness	Art. No.
	for X = 20 – 30 mm Single-point fixing, countersunk, fixed AISI 316L	10/12 mm	29.460 29.461
		13.5 – 15.5 mm 17.5 mm	29.450 29.451
	clamping disc, fixed AISI 316L	10/12 mm	29.465 29.466
	countersunk, centering AISI 316L	10/12 mm	29.462 29.463
		13.5 – 15.5 mm 17.5 mm	29.455 29.456
	clamping disc, centering AISI 316L	10/12 mm	29.467 29.468
	for X = 35 – 40 mm Single-point fixing		
	countersunk, fixed	10/12 mm	29.530
	countersunk, centering	10/12 mm	29.531

Selection guide, solid track fixing for timber doors			to glass 10/12 mm				to wall
X	Z	max. door weight kg	Single-point fixing fixed for track	Single-point fixing centering for track			Flange for track
mm	mm		Art. No.	Art. No.	Art. No.	Art. No.	Art. No.
			counter-sunk	clamping disc	counter-sunk	clamping disc	
20–30	18.5	120	29.460	29.465	29.462	29.467	21.346
35–40	35	100	29.530	–	29.531	–	21.412

Tubular tracks and accessories



Recommended distance of the track fixing points

Door height in mm	Door width in mm																							
	700			800			900			1,000			1,100			1,200			1,300			1,400		
	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm		
1,900	350	350	350	400	400	400	450	450	450	500	500	500	550	550	530	600	550	520	590	550	510	580	540	510
2,000	350	350	350	400	400	400	450	450	450	500	500	500	550	540	510	580	540	510	570	530	500	570	530	500
2,100	350	350	350	400	400	400	450	450	450	500	500	500	550	530	500	570	530	500	560	520	490	560	520	490
2,200	350	350	350	400	400	400	450	450	450	500	500	500	550	520	490	550	510	480	550	510	480	540	500	470
2,300	350	350	350	400	400	400	450	450	450	500	500	500	550	510	480	540	500	470	540	500	470	530	490	460
2,400	350	350	350	400	400	400	450	450	450	500	500	500	530	500	470	530	490	460	530	490	460	520	480	-
2,500	350	350	350	400	400	400	450	450	450	500	500	500	520	490	460	520	480	450	520	480	450	510	470	-

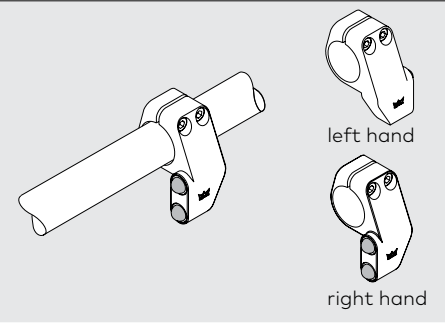
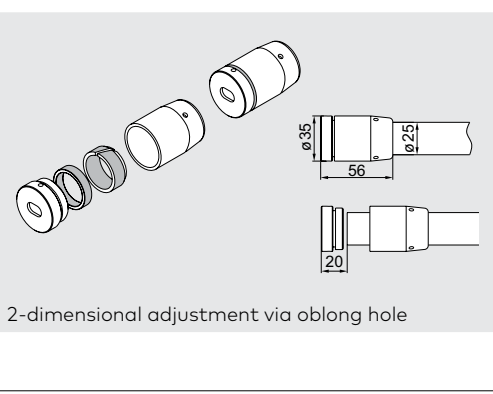
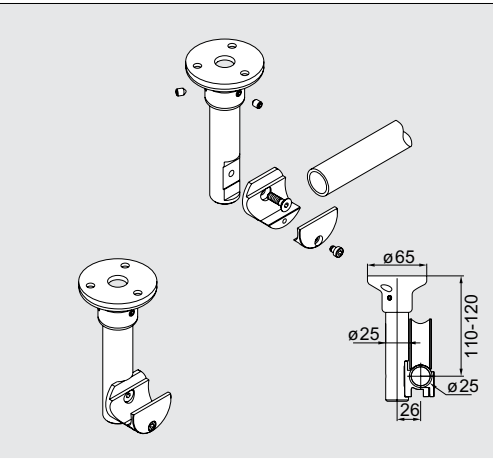
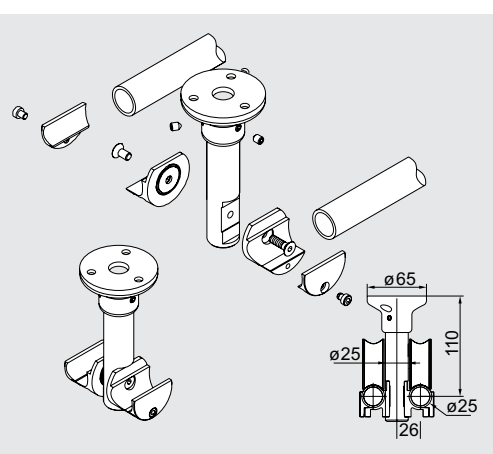
	Features and data	Art. No.
	Tubular track incl. end plugs stock length 3,000 mm AISI 316L Fixed length up to 6,000 mm AISI 316L	21.527 21.530 21.436 21.532
	Tubular track bent, incl. end plugs max. curve length 2,600 mm max. curve length 5,600 mm	21.409 21.413
	Angled connection for tubular track, 90° – 180°	21.535
	Angle connection for tubular track	29.506
	Thread insert for tubular track	29.505

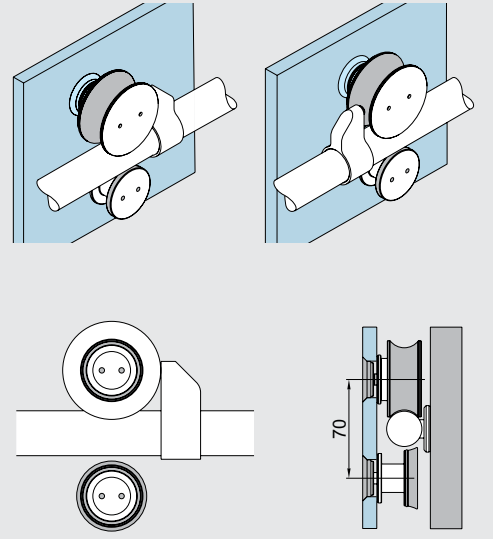
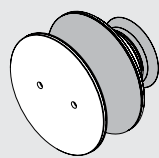
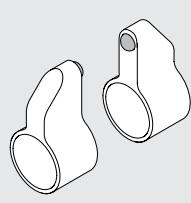
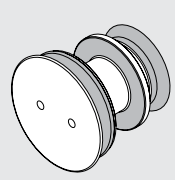
Tubular track fixing at glass	Features and data	Art. No.
	<p>Clamp fixing for tubular track at glass</p> <p>single-point fixing countersunk* AISI 316L</p> <p>single-point fixing, clamping disc* AISI 316L</p> <p>16 mm extended single-point fixing countersunk* single-point fixing, clamping disc*</p> <p>* for 10, 12 and 13.5 mm glass</p>	<p>29.176</p> <p>29.185</p> <p>29.177</p> <p>29.186</p> <p>29.179</p> <p>29.180</p>

Tubular track fixing at wall	Features and data	Art. No.
	<p>Clamp fixing for tubular track at wall AISI 316L</p>	<p>29.175</p> <p>29.184</p>
	<p>Clamp fixing for tubular track at wall 16 mm extended AISI 316L</p>	<p>29.178</p> <p>29.187</p>

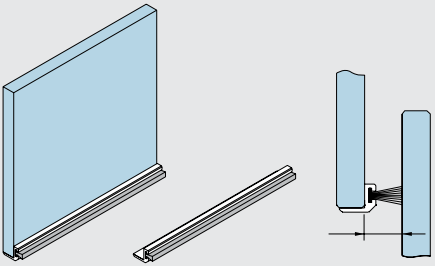
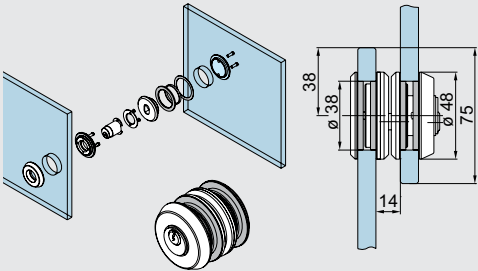
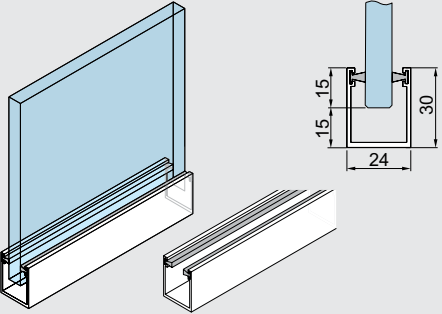
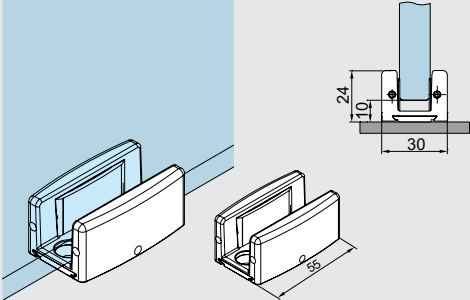
Selection guide, tubular track fixing for timber doors

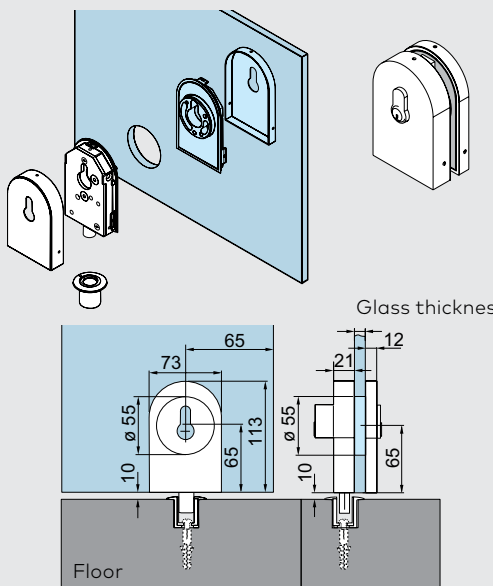
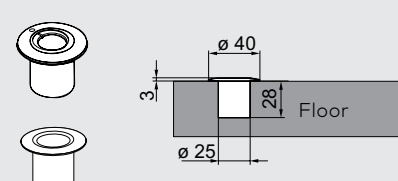
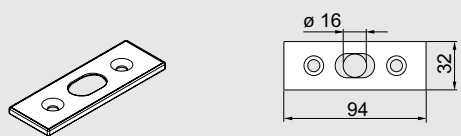
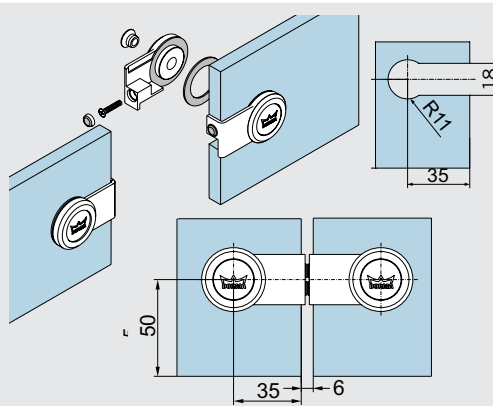
	X	Z	max. door weight kg	to glass Clamp fixing for track	to wall Clamp fixing for track	Art. No.	Art. No.	Art. No.
	mm	mm					counter-sunk	clamping disc
	20-30	18.5	120	29.175	29.176	29.177		
	35-40	35	100	29.178	29.179	29.180		

	Features and data	Art. No.
	<p>Door stop</p> <p>left hand AISI 316L right hand AISI 316L</p>	<p>29.425 29.427 29.426 29.428</p>
 <p>2-dimensional adjustment via oblong hole</p>	<p>Wall fixing for tubular track / solid track AISI 316L</p>	<p>29.445 29.446</p>
Tubular track fixing at ceiling	Features and data	Art. No.
	<p>Ceiling retainer for tubular track, carrying function</p>	<p>21.316</p>
	<p>Ceiling retainer double for tubular track, carrying function</p>	<p>21.317</p>

	Features and data	Glass thickness	Art. No.
 <p>Technical drawings showing the roller at glass assembly. The top row shows two perspective views of the roller mounted on a glass panel. The bottom row shows a top view of the roller and a cross-sectional view of the roller assembly with a dimension line indicating a width of 70.</p>	<p>Roller at glass</p>		
 <p>Technical drawing of a countersunk clamping disc, shown as a circular component with a central hole and a countersunk edge.</p>	<p>Roller at glass</p> <p>countersunk clamping disc</p>	<p>8 – 12 mm 8 – 12 mm</p>	<p>29.494 29.495</p>
 <p>Technical drawing of a door stop, showing two views of a U-shaped component with a small protrusion on one side.</p>	<p>Door stop for roller at glass</p> <p>left hand and right hand usable AISI 316L</p>		<p>29.493 29.483</p>
 <p>Technical drawing of an anti-jump device, showing a circular component with a central hole and a raised edge.</p>	<p>Anti-jump device for roller at glass</p> <p>countersunk clamping disc</p>	<p>8 – 12 mm 8 – 12 mm</p>	<p>29.497 29.498</p>

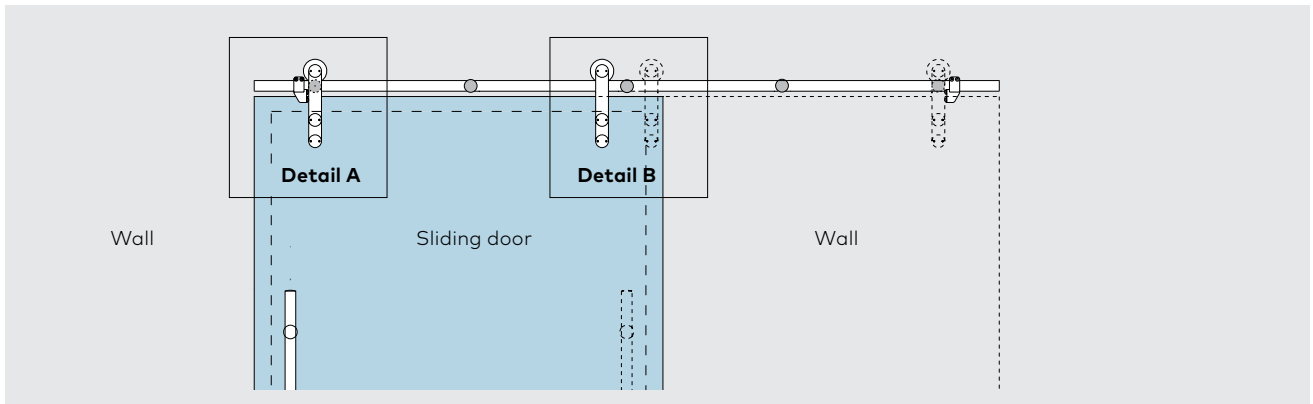
Accessories MANET Concept

	Features and data	Glass thickness	Art. No.
 <p>15.5 for 8 mm glass 13.5 for 10 mm glass 11.5 for 12 mm glass</p>	<p>Aluminum brush profile similar satin stainless steel</p> <p>for glass stock length 3,000 mm</p> <p>fixed length up to 6,000 mm</p> <p>for glass stock length 3,000 mm</p> <p>fixed length up to 6,000 mm</p>	<p>8 mm</p> <p>10/12 mm</p>	<p>07.402</p> <p>07.403</p> <p>07.400</p> <p>07.401</p>
	<p>Sliding door lock with ratchet brace for glass AISI 316L</p>	<p>8/10/12 mm</p>	<p>21.446</p>
	<p>Guide rail with brush seals applicable for glass</p> <p>Aluminum mill finished fixed length up to 6,000 mm</p> <p>stock length 3,000 mm</p>	<p>8/10/12 mm</p>	<p>21.431</p> <p>21.432</p>
	<p>Floor guide clamping disc, applicable for glass</p> <p>Aluminum 113 (similar satin stainless steel)</p>	<p>8/13.5 mm</p>	<p>07.316</p>

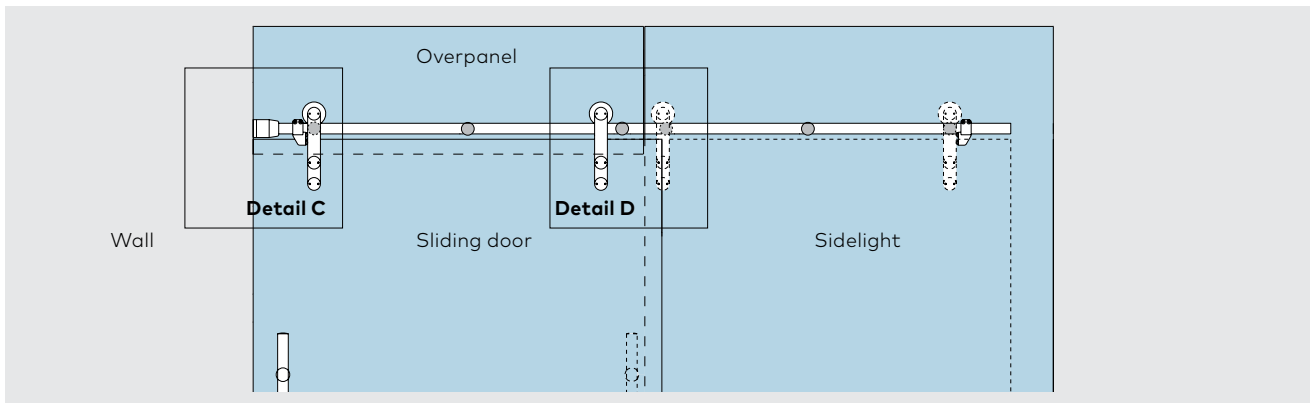
	Features and data	Glass thickness	Art. No.
	<p>Corner lock for glass</p> <p>Corner lock with profile cylinder rose on the inside for glass</p> <p>Dead lock for KABA with rose on the inside for glass</p> <p>Profile cylinder for corner lock</p>	<p>8 – 12 mm</p> <p>8 – 12 mm</p> <p>8 – 12 mm</p> <p></p>	<p>21.448</p> <p>21.449</p> <p>21.450</p> <p>14.206</p>
	<p>Eccentric bushing for corner lock</p> <p>Bushing, plastic</p>		<p>05.194</p> <p>00.110</p>
	<p>Strike plate</p>		<p>05.190</p>
	<p>Spacer for sliding doors that move in opposite directions</p> <p>Please order our detail sheet 29-044-B for details of glass preparations.</p>		<p>29.420</p>

Glass preparation for sliding door system

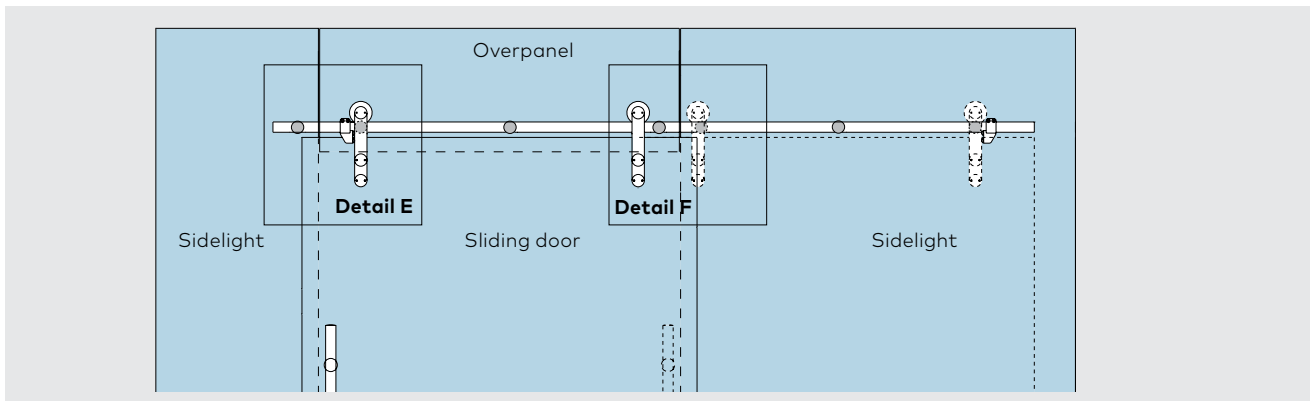
Sliding door to wall

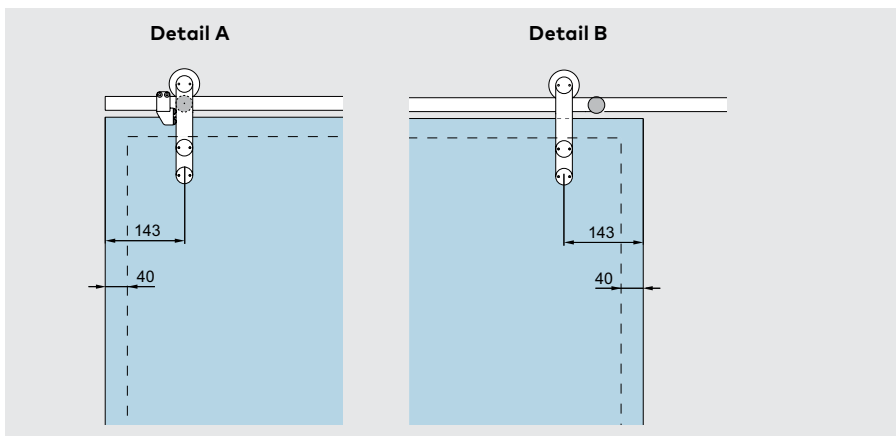


Sliding door with sidelight and overpanel

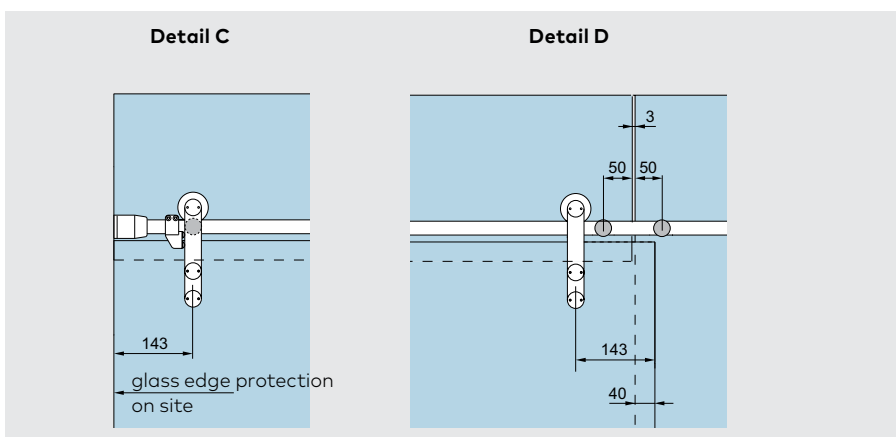
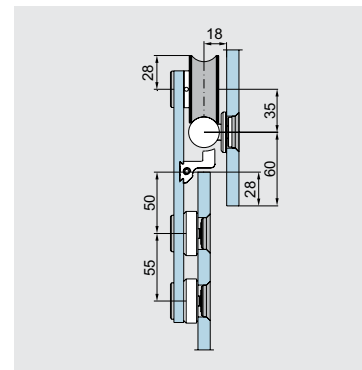


Sliding door with two sidelights and overpanel

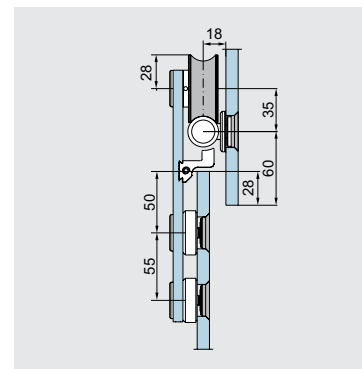




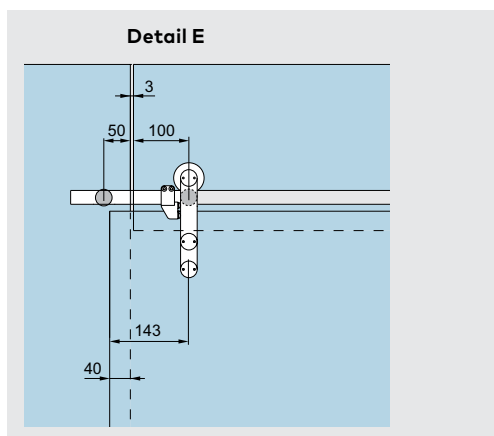
Sliding door with solid track



Sliding door with tubular track and clamp fixing

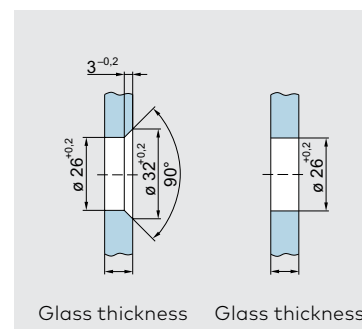


Dimensional data should be regarded exclusively as recommended values. Please remember when designing your system that the positions of the stops and point fixings must not vertically coincide. For spacing/ interval recommendations when drilling the track holes, and for requisite dimensions for fixing the track rail, please refer to the table entitled "Recommended distance of the track fixing points".



Countersunk bore for countersunk single-point fixings

Cylindrical bore for clamping disc single-point fixings



An appropriately dimensioned and torsionally stiff substructure needs to be provided for installation.

Content

MANET Concept Connection system

142	Connection system
145	Components
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160	Accessories
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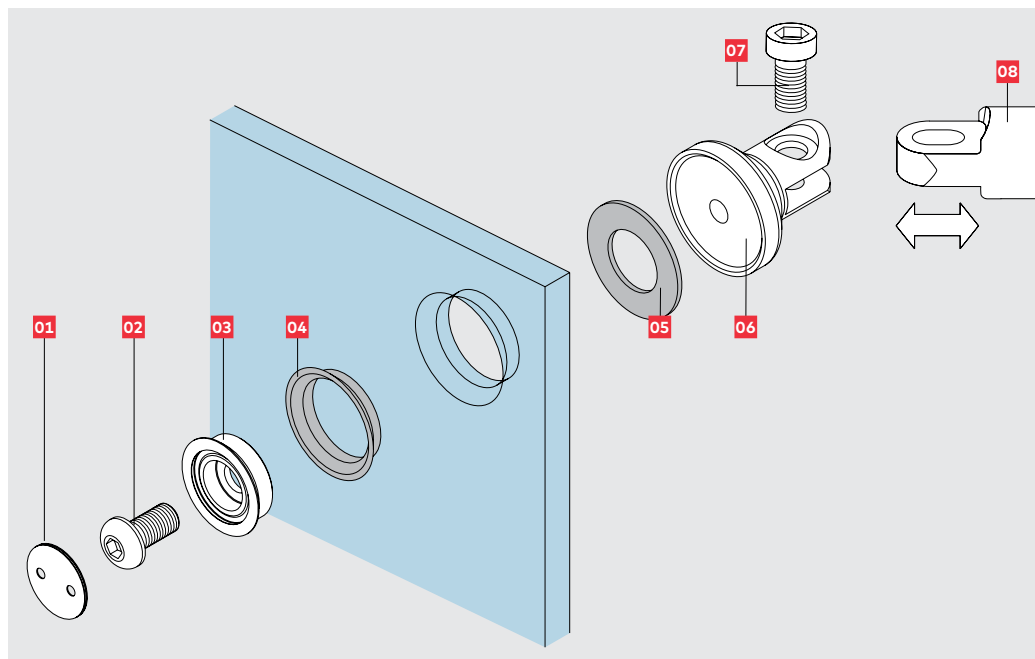
**MANET Concept
Connection system**

Connection system

The system approach is very much in evidence in the case of the interconnecting components. Elements such as clamping and angle connectors of various designs and also interconnecting fasteners of various lengths can be combined in order to attach glass of different thicknesses at any required angle to the floor, to ceilings, to walls and to plinth supports.

Single-point fixings flush with the glass are also used for this interconnection and glass-to-glass system. Tolerances are compensated by slotted holes in the interconnecting fasteners.

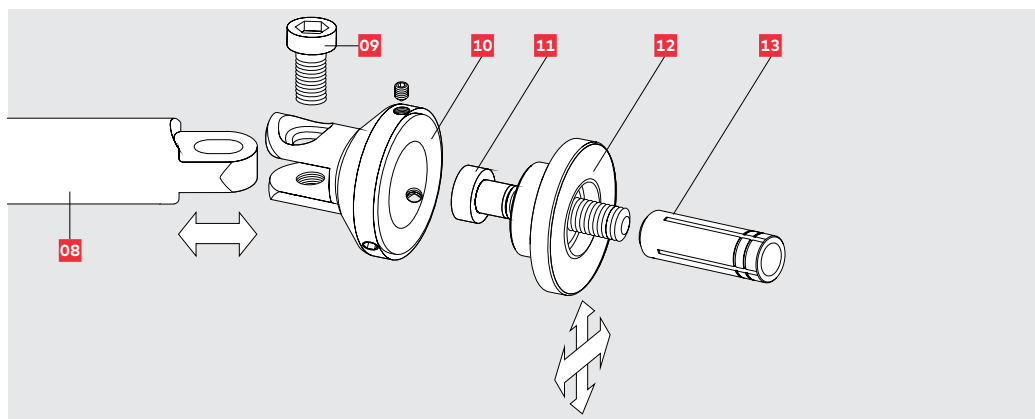
Glass fixing



Components

- 01** Clip-on cover
- 02** Connecting bolt
- 03** Conical collar
- 04** Conical sleeve
- 05** Gasket
- 06** Pivoting clamp
- 07** Connecting bolt
- 08** Connecting rod to suit length

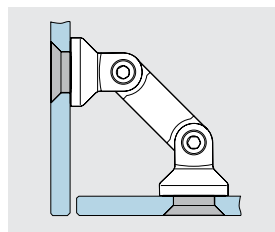
Wall fixing



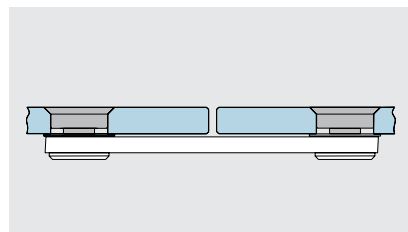
Components

- 09** Connecting bolt
- 10** Pivoting clamp
- 11** Threaded rod M8 with small head, length and type to suit wallplug
- 12** Mounting plate, 2-dimensional adjustment
- 13** Wallplug on site to suit wall construction

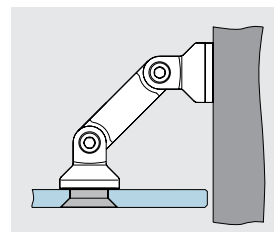
90° – 180° Glass / Glass



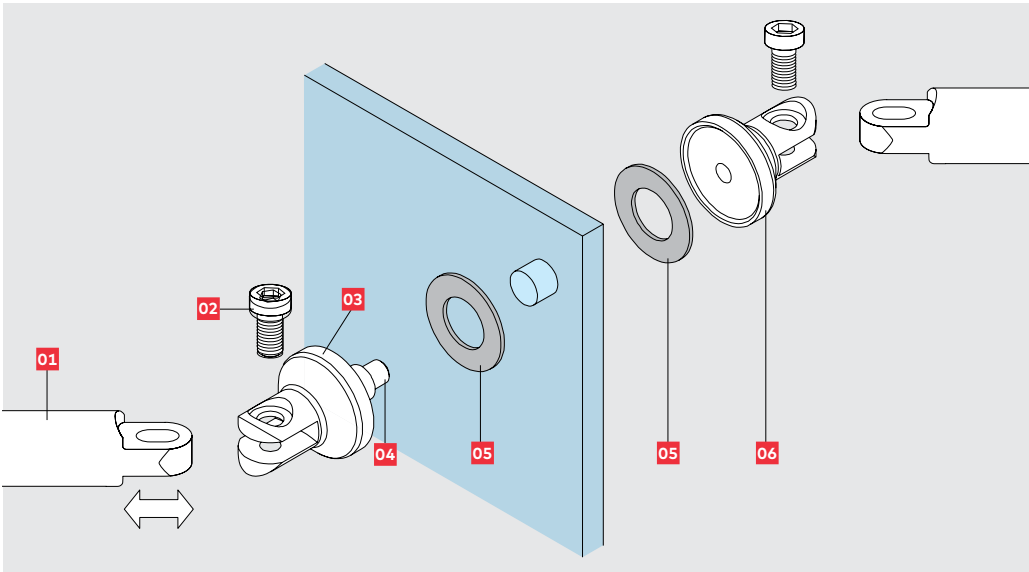
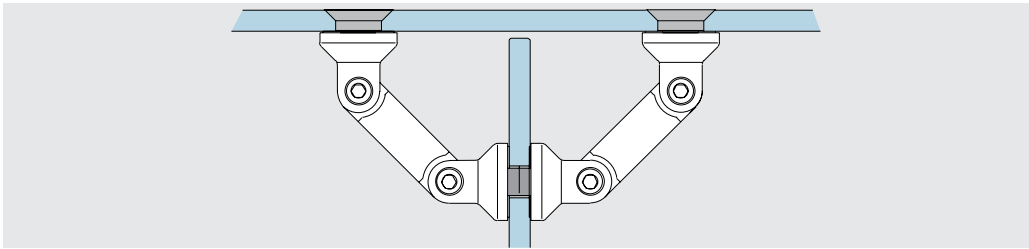
Glass / Glass Connector



90° – 180° Glass / Wall



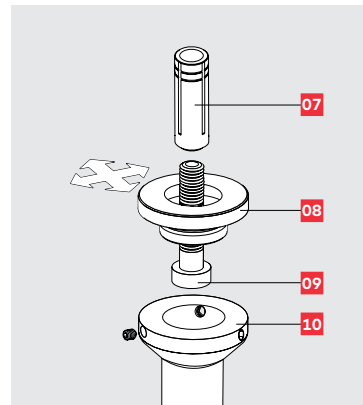
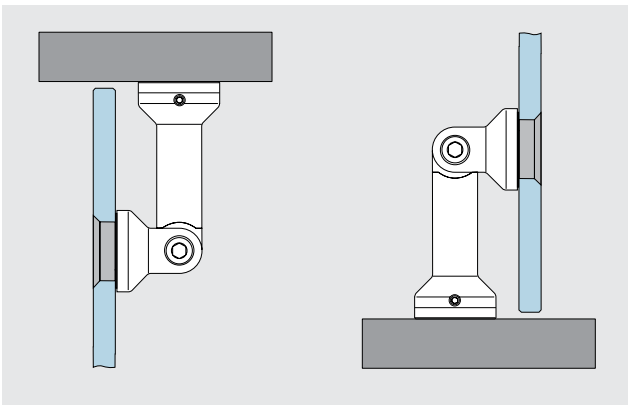
Clamp connection glass



Components

- 01** Connecting rod or steel cable
- 02** Connecting bolt
- 03** Pivoting clamp
- 04** Connecting bolt
- 05** Gasket
- 06** Pivoting clamp

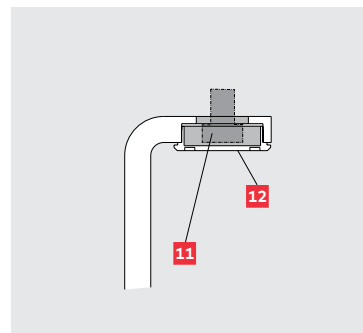
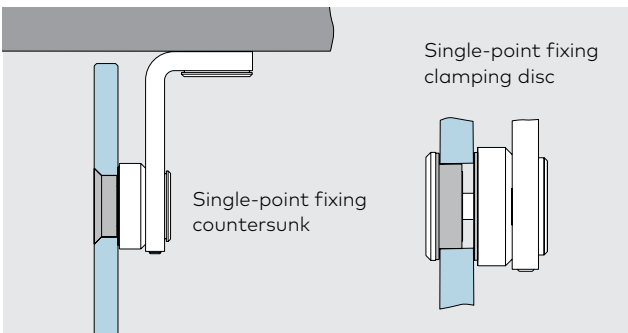
Connection ceiling / floor



Components

- 07** Wallplug on site
- 08** Mounting plate, 2-dimensional adjustable
- 09** Threaded rod M8
- 10** Column

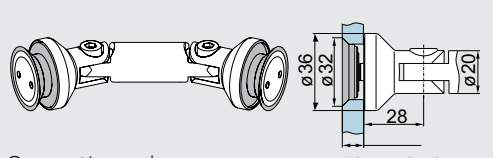
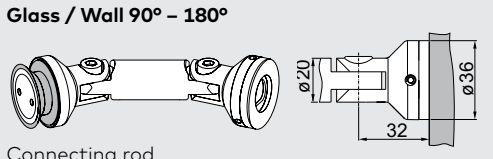
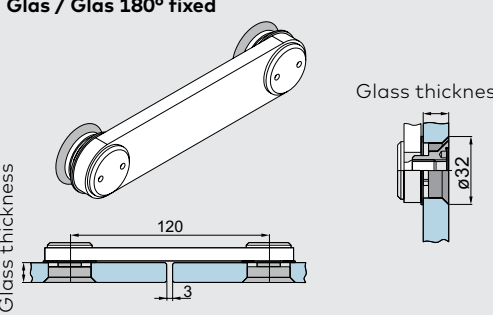
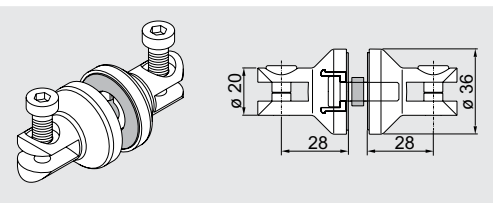
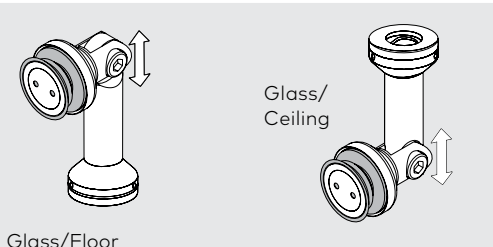
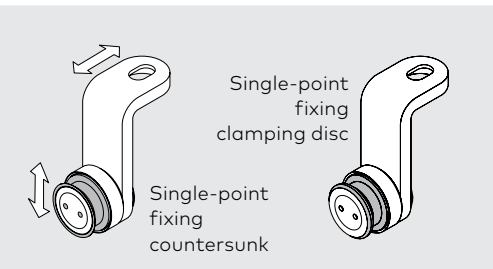
Alternative connection ceiling



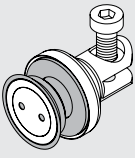
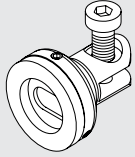
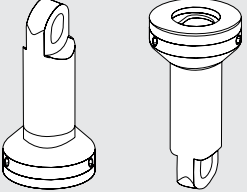
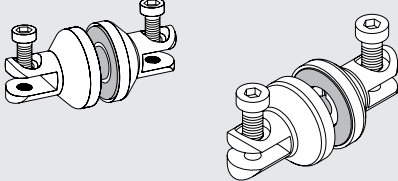
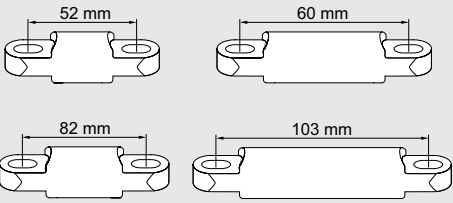
Components

- 11** Threaded rod M8 DIN 7984 M10 x..., or oval-head wood screw DIN 7996 M8 x...
- 12** Clip-on cover

Complete fitting

	Features and data	Glass thickness	Art. No.
<p>Glass / Glass 90° – 180°</p>  <p>Connecting rod 52.5 / 60 / 82 / 103 mm</p> <p>Glass thickness</p>	<p>Complete fitting glass / glass</p> <p>With connecting rod 52.5 mm With connecting rod 60 mm With connecting rod 82 mm With connecting rod 103 mm</p>	8 – 12 mm	<p>29.120 29.122 29.125 29.130</p>
<p>Glass / Wall 90° – 180°</p>  <p>Connecting rod 52.5 / 60 / 82 mm</p>	<p>Complete fitting glass / wall</p> <p>With connecting rod 52.5 mm With connecting rod 60 mm With connecting rod 82 mm</p>	8 – 12 mm	<p>29.139 29.140 29.142</p>
<p>Glas / Glas 180° fixed</p>  <p>Glass thickness</p>	<p>Complete fitting Connector</p> <p>AISI 303 AISI 316L</p>	8 – 12 mm	<p>29.148 29.368</p>
	<p>Complete fitting Clamping connector</p>	8 – 12 mm	29.149
 <p>Glass/Floor</p> <p>Glass/ Ceiling</p>	<p>Complete fitting Corner connector 90° (only bearing function)</p>	8 – 12 mm	29.145
 <p>Single-point fixing clamping disc</p> <p>Single-point fixing countersunk</p> <p>Height adjustment via grub screw</p>	<p>Complete fitting Ceiling fixing (bearing function)</p> <p>countersunk AISI 316L clamping disc AISI 316L</p>	8 – 12 mm	<p>29.337 29.339 29.338 29.340</p>

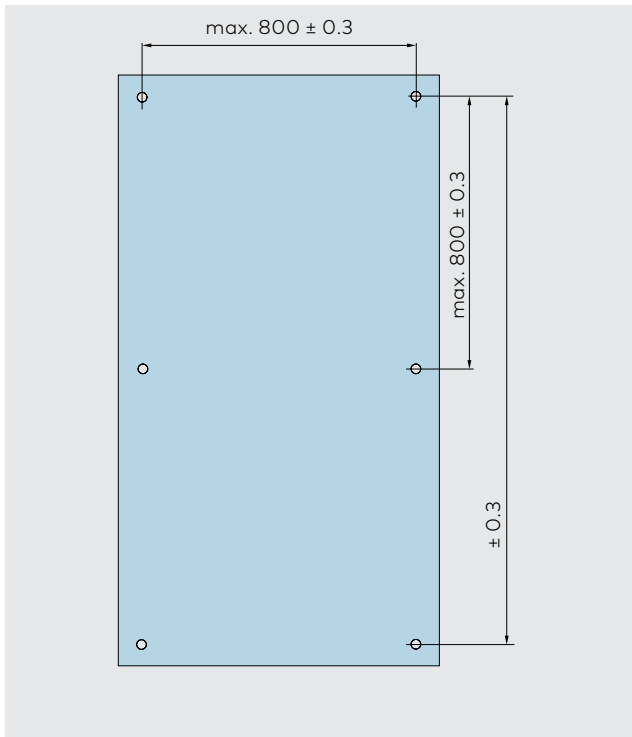
Components

	Features and data	Glass thickness	Art. No.
	Pivoting glass clamp inclusive screw sets for glass	8 – 12/13.5 – 17.5 mm	
	countersunk Also for, clamping disc	17.5 – 21.5 mm	29.160 29.165
	Pivoting wall fixing		21.141
	Column Ceiling/floor fixing		21.146
	Clamping connector	8 – 12 mm	21.149
	Connecting rods Length 52.5 mm Length 60 mm Length 82 mm Length 103 mm		21.355 21.356 21.357 21.358

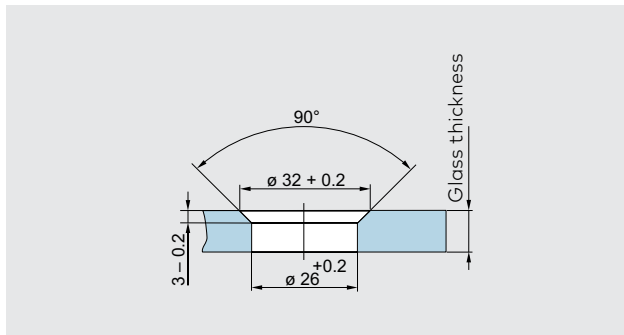
Glass preparation connection system

For TSG and LSG from TSG.

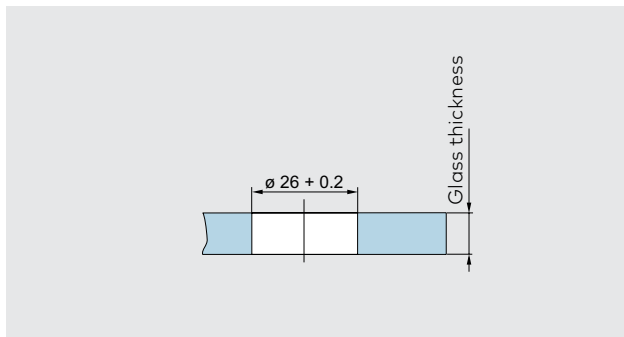
Recommended centers for fixed glazing element



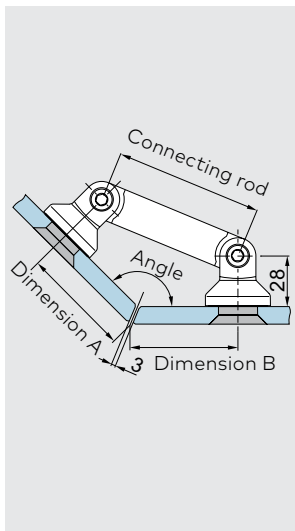
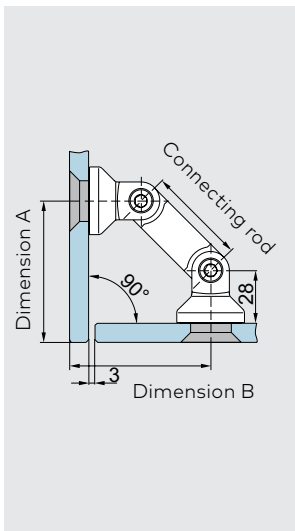
Countersunk bore for countersunk single-point fixings



Cylindrical bore for clamping disc single-point fixings



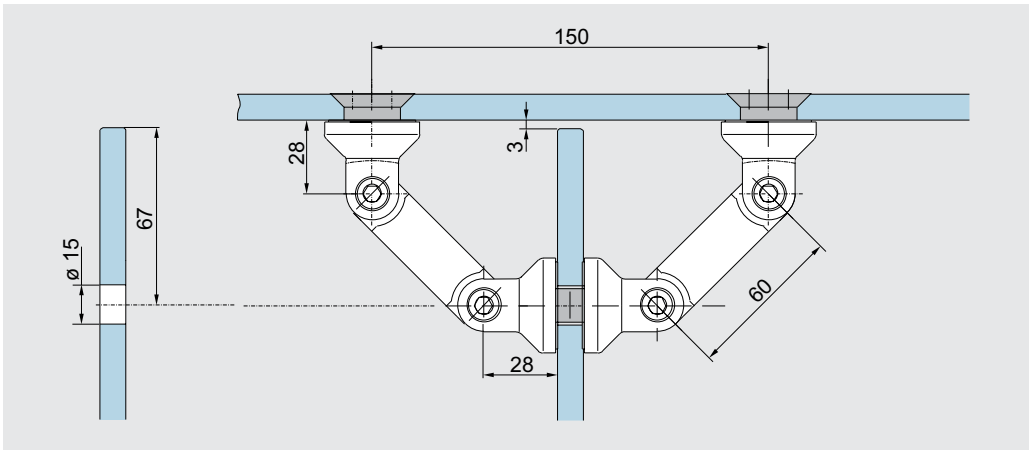
Corner connectors glass / glass 90 – 180°



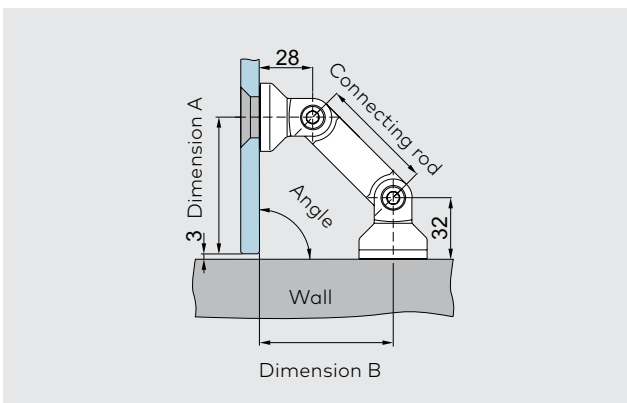
Corner connectors glass / glass (dimensions in mm)

Angle	Length of connecting rod			
	52.5	60	82	103
Dimensions for 10 mm glass thickness (consider variants for other glass thicknesses).				
90°	A/B	A/B	A/B	A/B
95°	75	80	96	
100°	70	75	90	
105°	66	71	85	
110°	62	67	81	
115°	59	63	77	
120°	55	60	73	
125°	52	56	69	
130°	49	54	66	
135°	47	51	63	
180°	44	48	60	50

Clamping connector



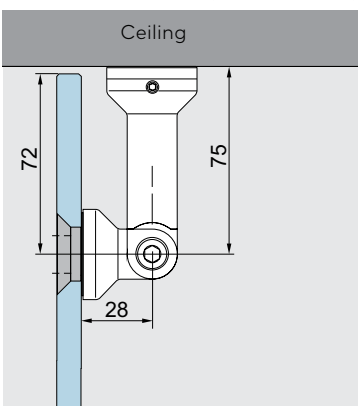
Corner connectors glass / wall 90 – 180°



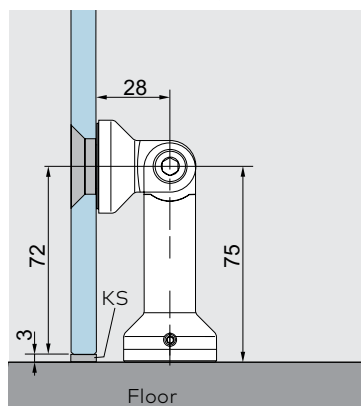
Glass / wall (dimensions in mm)

	Length of connecting rod		
	52.5	60	82
Dimensions for 10 mm glass thickness (consider variants for other glass thicknesses).			
Angle	A/B	A/B	A/B
90°	67/65	72/70	87.5/86

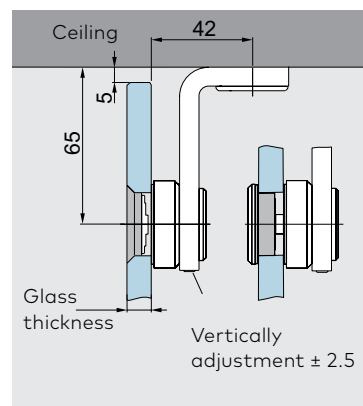
Corner connector glass / ceiling



Corner connector glass / floor



Ceiling fixing (bearing)



Note: Ensure compliance with minimum glass/bore clearances as per glass manufacturer recommendations. Glass preparation with a tolerance of max. ± 0.3 mm is recommended.

Content

MANET Concept Single-point fixings

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MANET Concept Single-point fixings

Single-point fixing serie S32/35

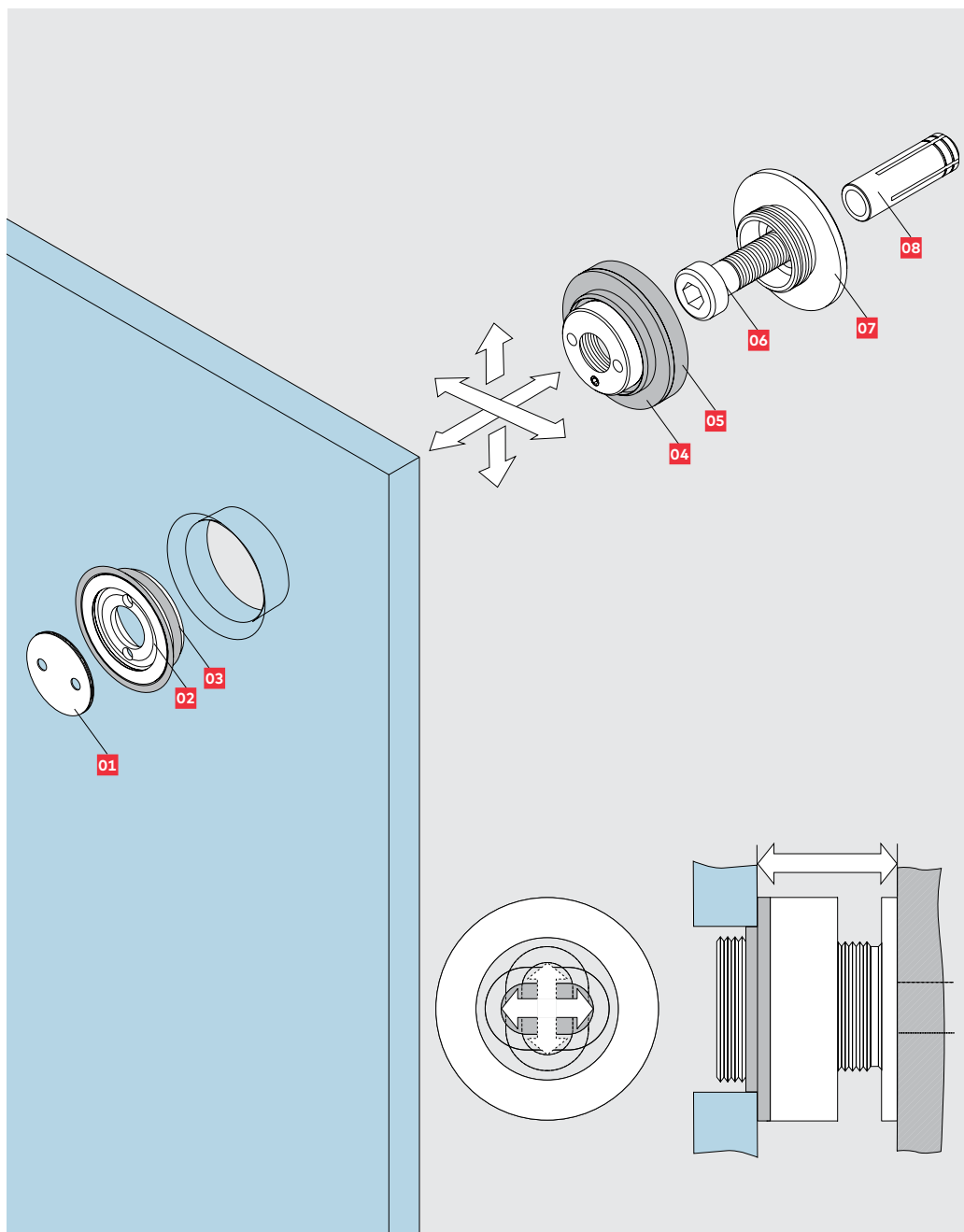


The basic component within the MANET system is the single-point fixing. Rather than cylindrical bore in the glass, this component has a tapered countersunk bore for a perfect seated fit to the glass. These give a flush finish of the single-point fixing in all applications.

The three-dimensional adjustability incorporated within the fitting ensures ideal compensation for structural and drilling tolerances. Constraint-free transmission of all the forces acting on the glass to the substructure is also ensured.

Simple installation and metric adjustment

- The fixing and the gasket are wound onto the adjustment screw (7) already fitted to the wall, with the glass panel then being simply mounted over the top.
- The adjustment screw allows the position of the glass to be adjusted in 3 dimensions. An adjustment range of ± 2 mm in the vertical and lateral directions can be utilized by rotating the adjustment screw by up to 90° .
- Then it is simply a matter of aligning and securing the single-point fixing and conical sleeve. The clip-on cover (1) provides for a flush appearance.



Components

- 01** Clip-on cover
- 02** Pin internal thread
- 03** Conical sleeve
- 04** Gasket
- 05** Fixing
- 06** Threaded rod M8 with small head (e.g. DIN 6912). Length and type to suit wallplug
- 07** Adjustment screw
- 08** Wallplug on site to suit wall construction

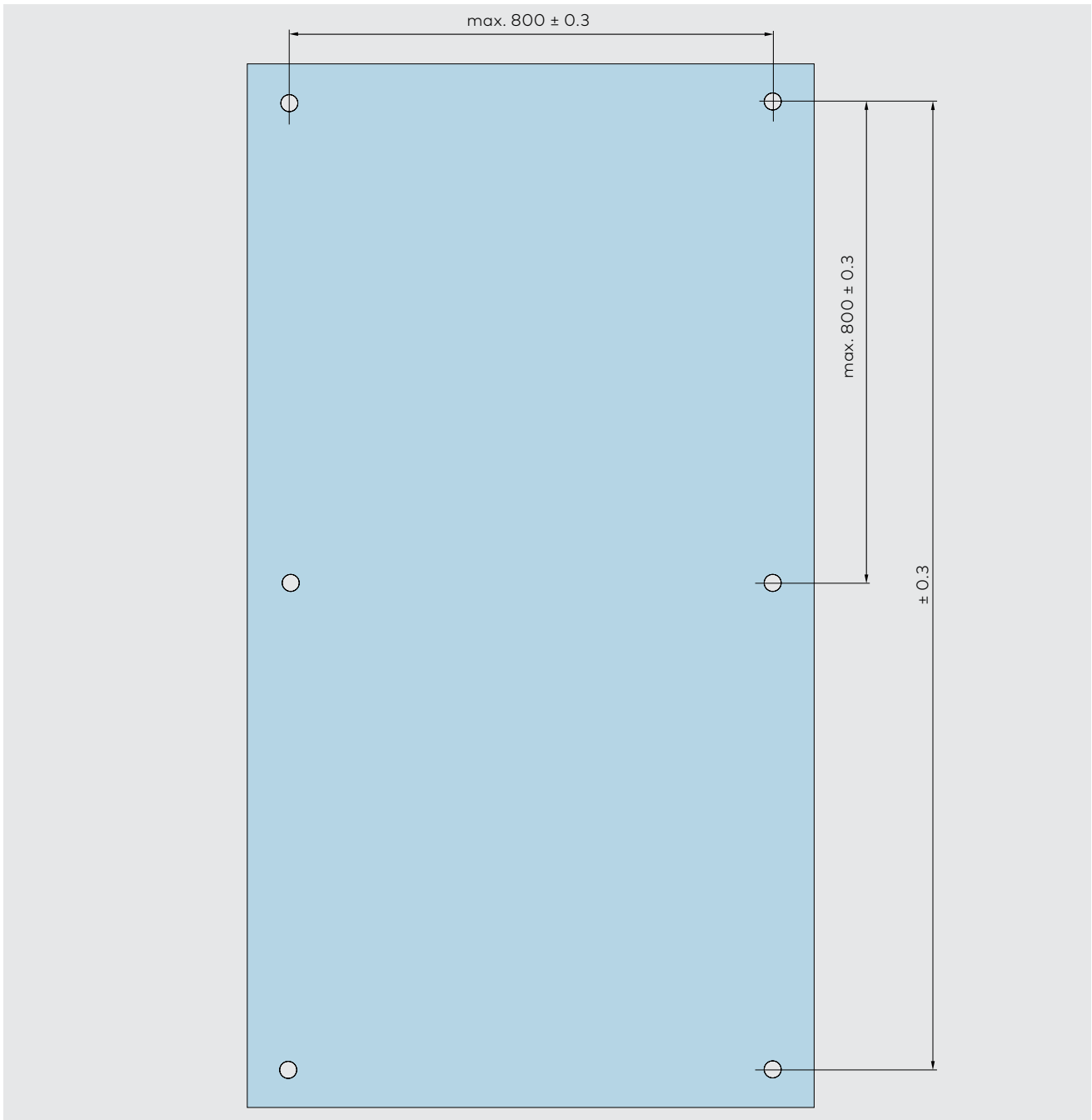
Types

	Features and data	Glass thickness	Art. No.
	Single-point fixing, glass / wall wall offset 8.5 – 11.5 mm, adjustable		
	Countersunk	8/10 mm	29.200
		12 mm	29.210
		13.5 mm	29.240
		15 mm	29.244
		17.5 mm	29.248
	Clamping disc	8/10 mm	29.700
		12 mm	29.705
		13.5 mm	29.710
		15 mm	29.715
17.5 mm		29.720	
	Single-point fixing, glass / wall wall offset 11.5 – 14.5 mm, adjustable		
	Countersunk	8/10 mm	29.201
		12 mm	29.211
		13.5 mm	29.241
		15 mm	29.245
		17.5 mm	29.249
	Clamping disc	8/10 mm	29.701
		12 mm	29.706
		13.5 mm	29.711
		15 mm	29.716
17.5 mm		29.721	
	Single-point fixing, glass / wall wall offset 14.5 – 22 mm, adjustable		
	Countersunk	8/10 mm	29.202
		12 mm	29.212
		13.5 mm	29.242
		15 mm	29.246
		17.5 mm	29.250
	Clamping disc	8/10 mm	29.702
		12 mm	29.707
		13.5 mm	29.712
		15 mm	29.717
17.5 mm		29.722	
	Single-point fixing, glass / wall fixed wall offset 6 mm, not adjustable		
	Countersunk	8/10 mm	29.205
		12 mm	29.215
		13.5 mm	29.243
		15 mm	29.247
		17.5 mm	29.251
	Clamping disc	8/10 mm	29.730
		12 mm	29.731
		13.5 mm	29.732
		15 mm	29.733
17.5 mm		29.734	

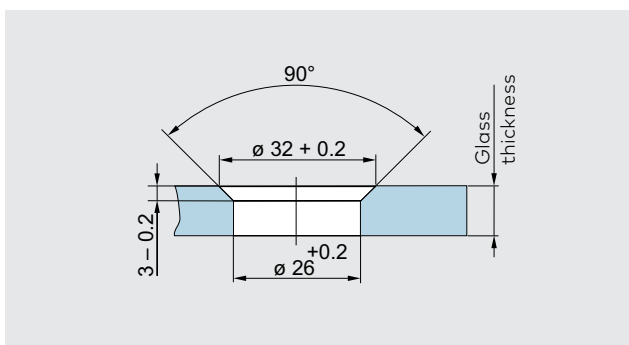
Glass preparation connection system

For TSG and LSG from TSG.

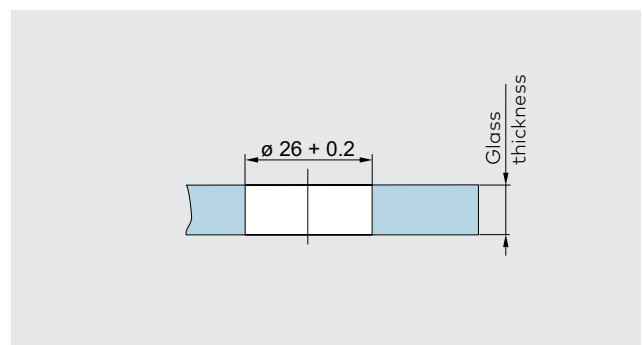
Recommended centers for fixed glazing element



Countersunk bore for countersunk single-point fixings



Cylindrical bore for clamping disc single-point fixings



Content

RSP 80

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RSP 80

A safe connection



Minimal gap dimensions

Design specifications automatically ensure very small gap dimensions between glass and wall.

Sophisticated track roller assembly – secure hold

The RSP 80 is able to satisfy a wide range of customer requirements up to the highest level: its two visible and maintenance-free roller carriers are rated to support glass panels of up to 80 kg in weight. A total of 4 glass drillholes with diameters of 26 mm serve to locate the glass fixings. The proven track roller engineering ensures particularly smooth and quiet operation. In terms of running ease, the RSP 80 satisfies the criteria of Class 3 according to EN 1527 – that means that a maximum of 30N of the door mass has to be overcome as initial friction in order to set the door in motion.

Exact stopping

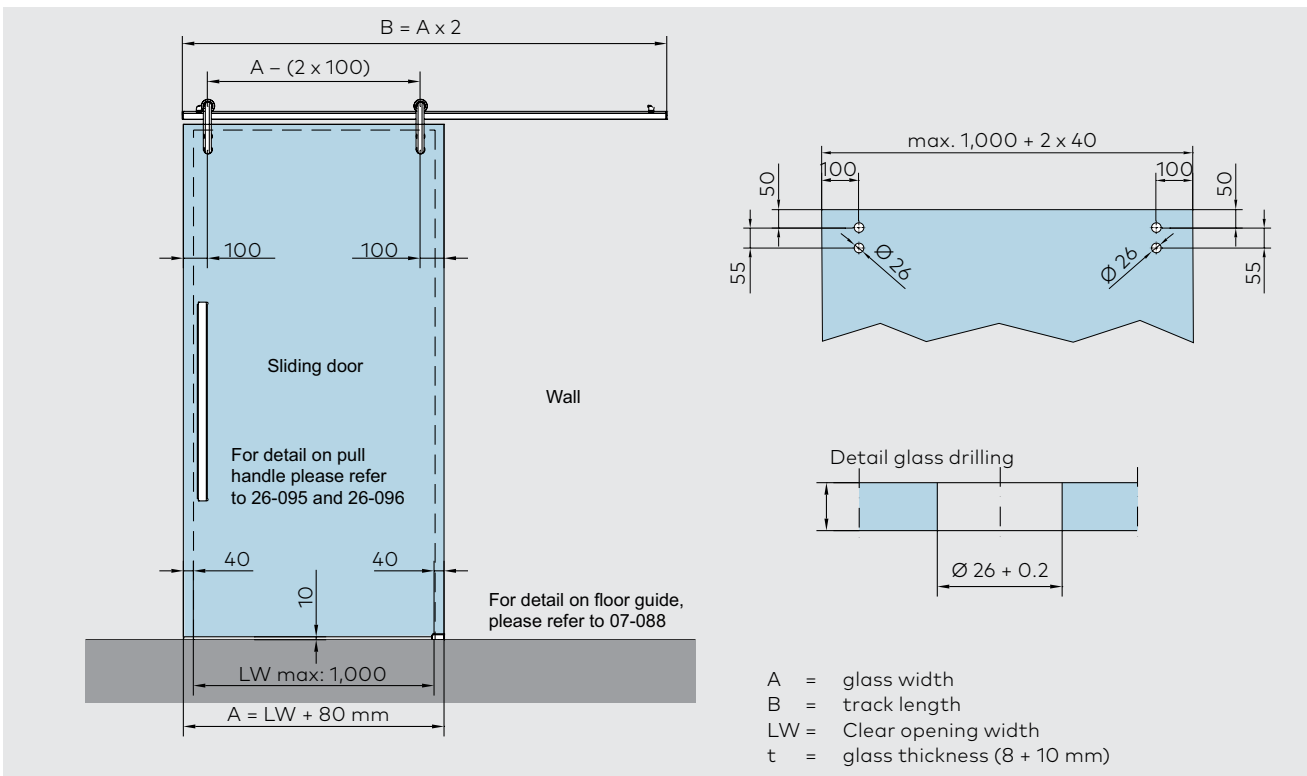
The exact endposition of the door both in the opening and the closing direction is variable thanks to the selectable position of the end stops.

Elegant floor guidance

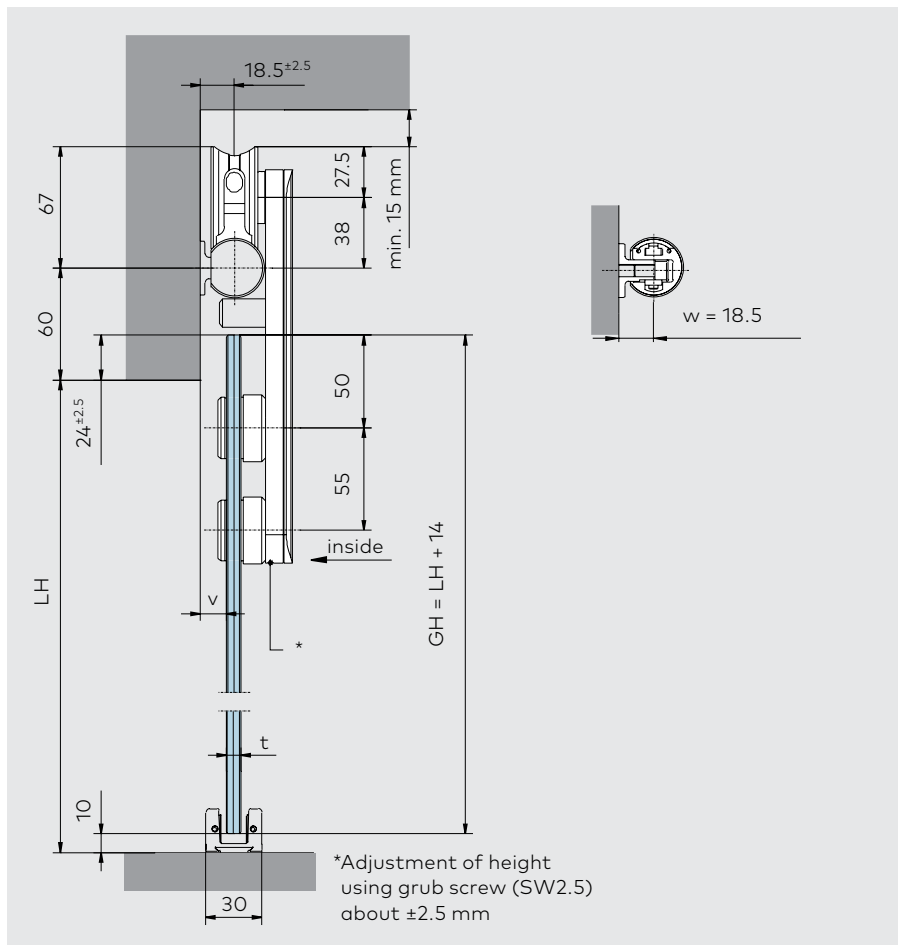
The AGILE floor track offers an impressive combination of effective functionality and attractive design. Its two-part construction means it is very easy to install, and its infinite adjustability between 8 and 13.5 mm ensures safe and secure guidance of the glass panels.

Impressive durability

Very long service lifetimes have been proven in protracted tests consisting of over 50,000 motion cycles (to EN 1527). And the RSP 80 range also offers the highest level of corrosion resistance, making these fittings more than suitable for employment in humid rooms (not for sauna, baths or brine bath applications).



Glass applications



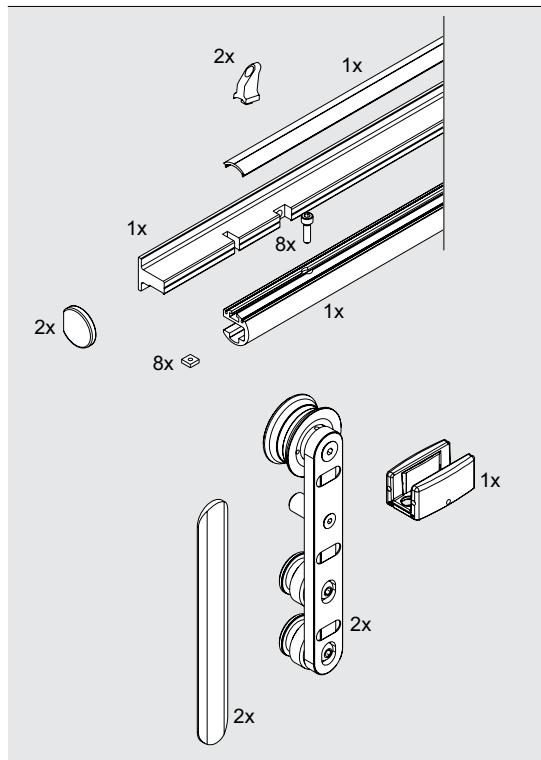
GH = Glass height
 LH = Clear opening height
 t = Glass thickness
 v = Gap between door panel
 and wall

t	v
8 mm	14.5 mm
10 mm	12.5 mm

Set and components for glass applications

Features and data

Art. No.



Set

RSP 80 sliding door set for 10 mm glass

consisting of track profile (2,000 mm)
for max. panel width 1,080 mm,
roller,
stopper and floor guide,
material: aluminum EV1-Deco
Weight in kg: 5.6

30.700

Components for glass applications

Roller carrier, stop and floor guide

30.701

RSP 80 track profile for mounting to wall

stock length 6,000 mm

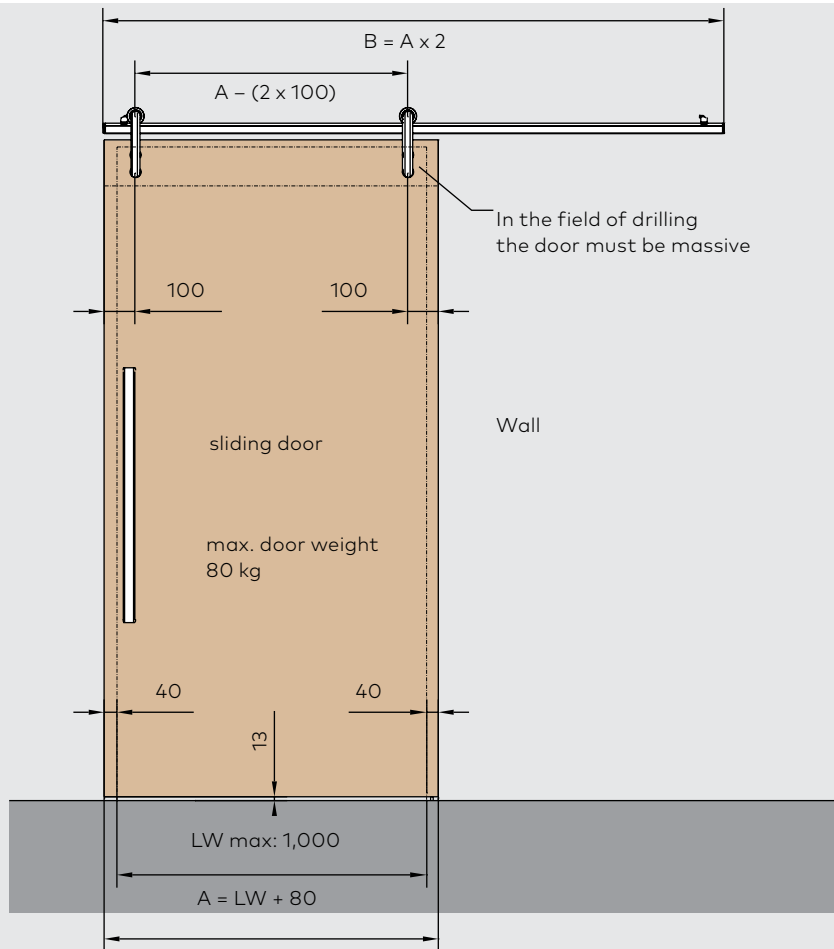
30.705

RSP 80 track profile for mounting to wall

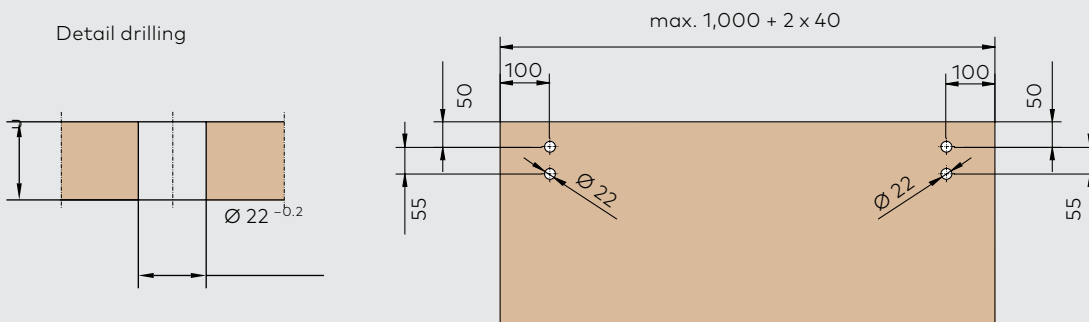
in fixed length (should not go below min. door
width 800 mm / track profile 1,600 mm)

30.706

Timber applications

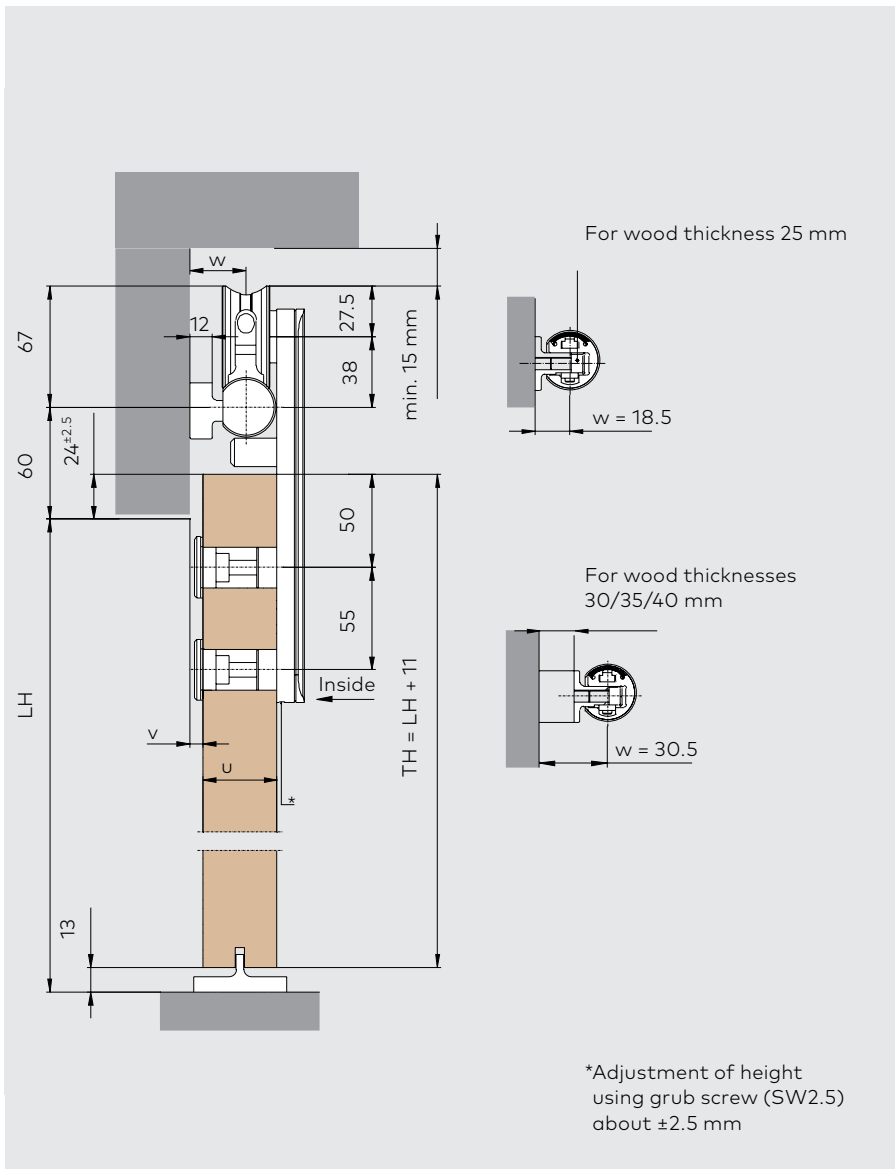


Detail drilling



The side overhang of the sliding door should be 40 mm

- A = timber door width
- B = track length
- LW = clear opening width
- u = wood thickness (25–40 mm)



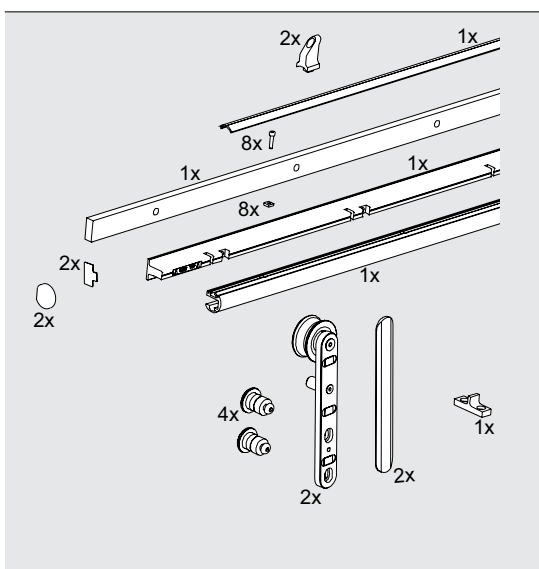
TH = Door height
 LH = Clear opening height
 u = Wood thickness (25 – 40 mm)
 v = Gap between door panel and wall

u	v	w
25 mm	10.3 mm	18.5 mm
30 mm	17.3 mm	30.5 mm
35 mm	12.3 mm	30.5 mm
40 mm	7.3 mm	30.5 mm

Set and components for timber applications

Features and data

Art. No.



Set
RSP 80 sliding door set for timber applications (25–40 mm)

30.707

consisting of track profile for max. panel width 1080 mm, roller, stopper and floor guide, material: aluminum EV1-Deco
 Weight in kg: 5.6

Components
Roller carrier, stop and floor guide for timber applications

30.708

RSP 80 track profile for mounting to wall (timber applications)
 stock length 6,000 mm

30.712

RSP 80 track profile for mounting to wall (timber applications)
 in fixed length (should not go below min. door width 800 mm / track profile (1,600 mm)

30.713

Content

Accessories

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- 178 **Assembling aid**
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Accessories

Pull handles, door knobs and recessed pull grip

The pull handle/knob system is designed for glass of 8, 10 and 12 mm thickness.

The pull handles can be fixed to both sliding and pivoting (swing) doors on one face using the appropriate connectors or on both faces by through-bolting (back-to-back arrangement).



Due to a flat structure recessed pull grips are also suitable for sliding doors.

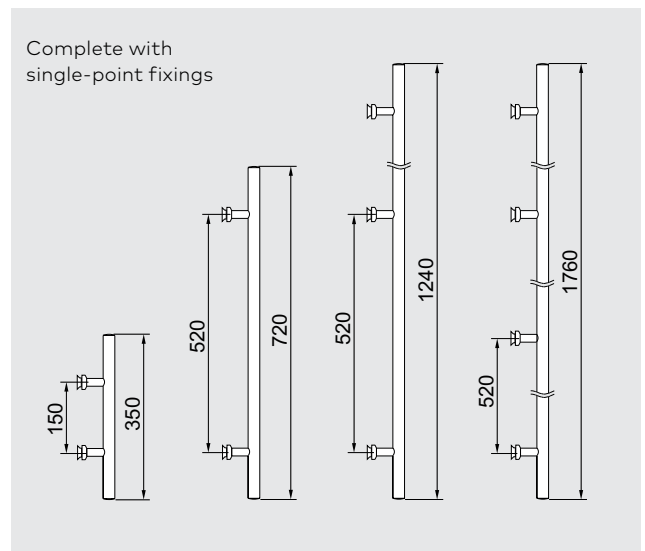
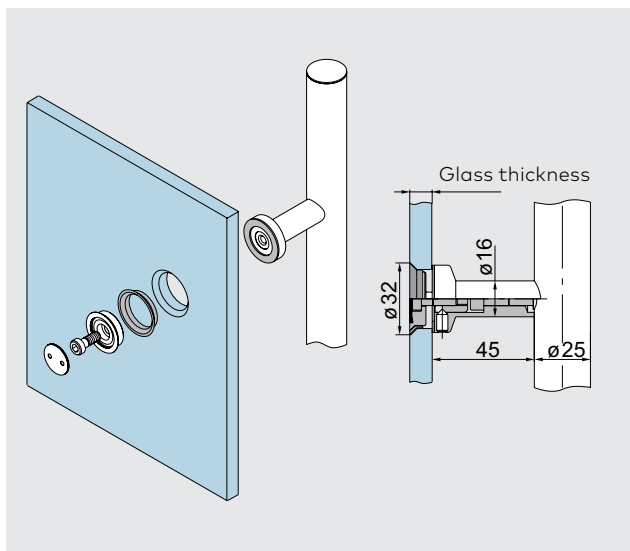
The single-point fixings and through bolts are included as standard equipment in the scope of supply.

The pull handles can be fitted horizontally, vertically or in a handrail arrangement.

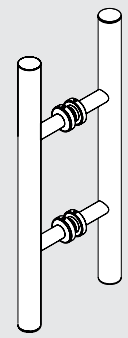
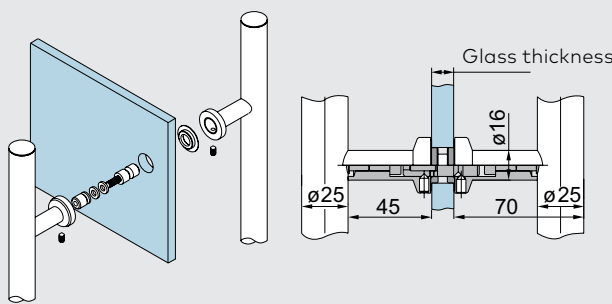
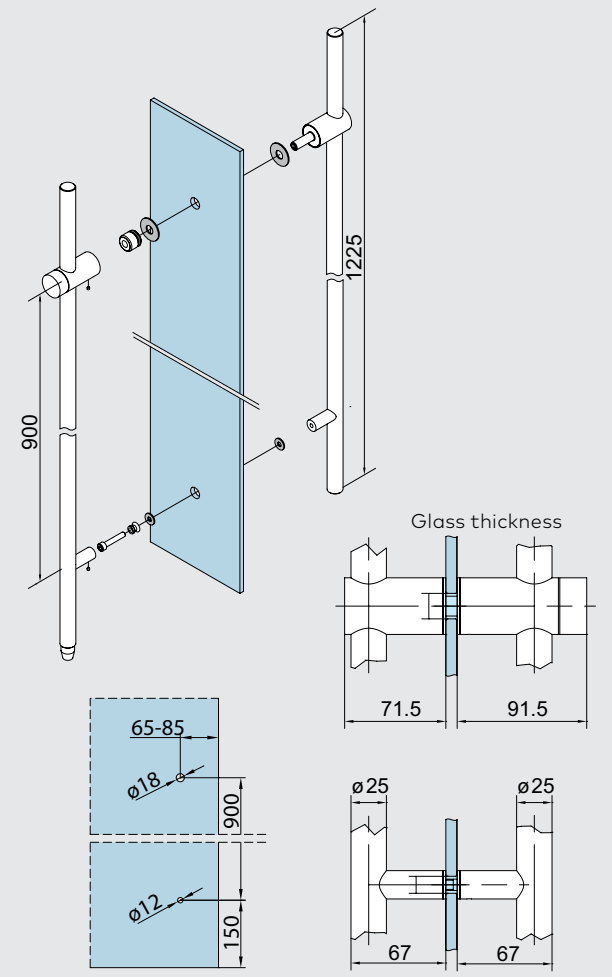


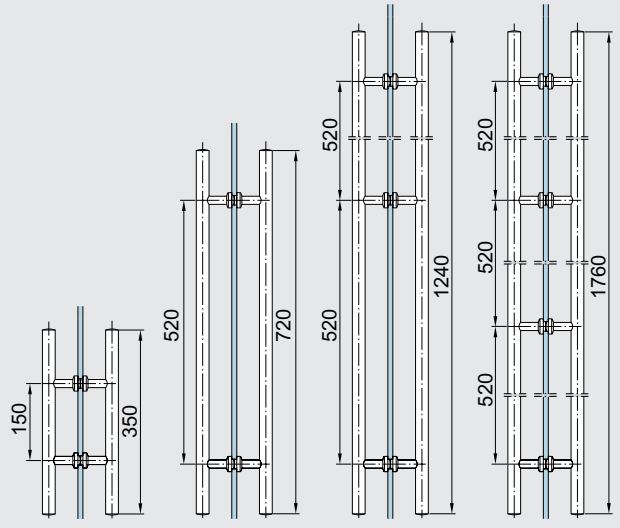
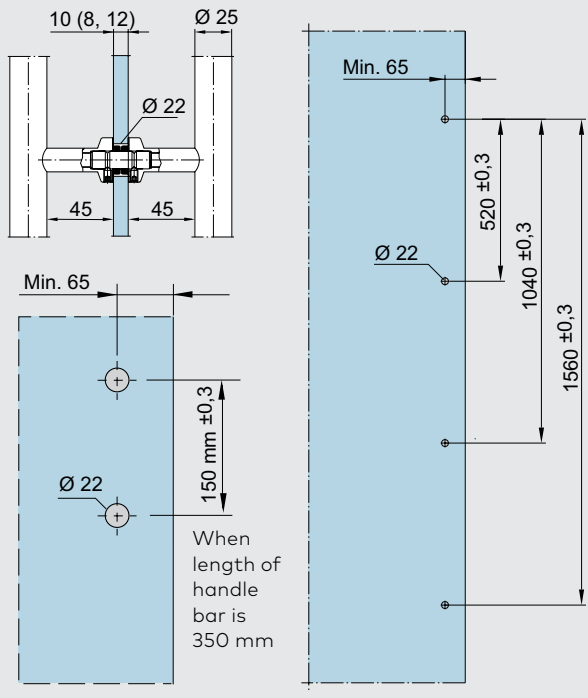
Pull handles single

	Features and data	Glass thickness	Art. No.
	Pull handles with single-point fixings, countersunk	8/10/12 mm	
	Pull handle 350 mm with 2 fixings AISI 316L		29.268 29.269
	Pull handle 720 mm with 2 fixings AISI 316L		29.271 29.272
	Pull handle 1,240 mm with 3 fixings AISI 316L		29.274 29.275
	Pull handle 1,760 mm with 4 fixings AISI 316L		29.277 29.278
		Pull handles with single-point fixings, clamping disc	8/10/12 mm
Pull handle 350 mm with 2 fixings AISI 316L			21.240 21.241
Pull handle 720 mm with 2 fixings AISI 316L			21.281 21.242
Pull handle 1,240 mm with 3 fixings AISI 316L			21.243 21.243
Pull handle 1,760 mm with 4 fixings AISI 316L			21.283



Pair of pull handles

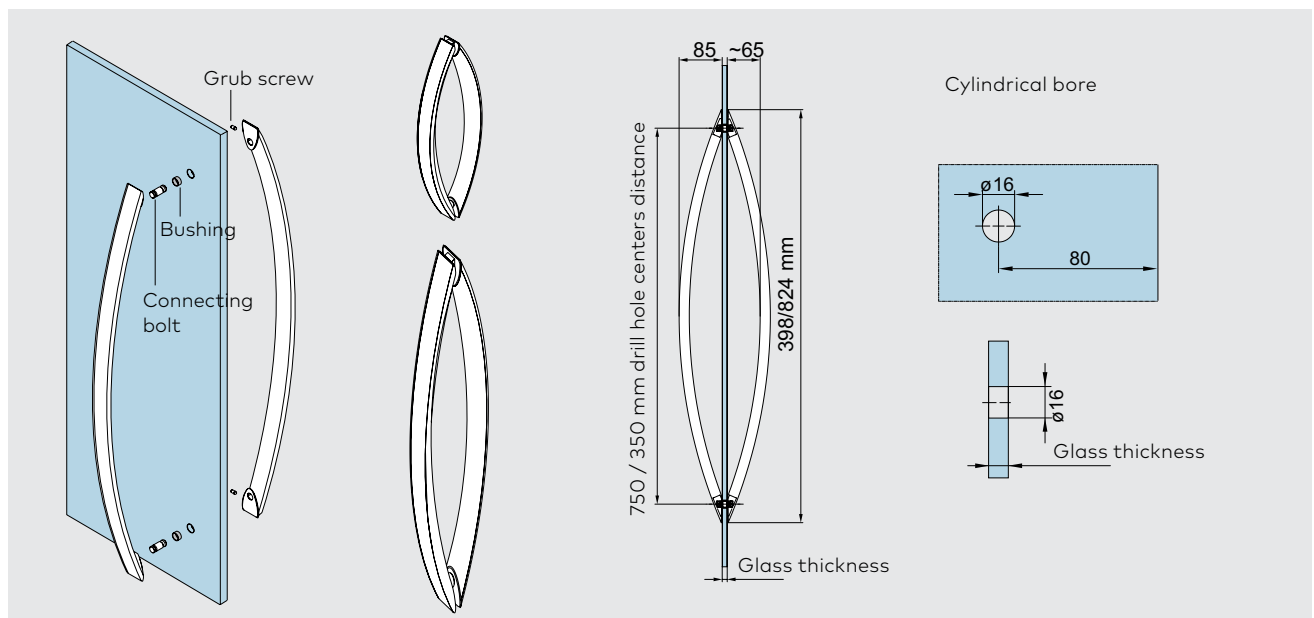
	Features and data	Glass thickness	Art. No.
	<p>Pair of pull handles incl. connecting bolt</p> <p>Pair of pull handles 350 mm with 2 fixings AISI 316L</p> <p>Pair of pull handles 720 mm with 2 fixings AISI 316L</p> <p>Pair of pull handles 1,240 mm with 3 fixings AISI 316L</p> <p>Pair of pull handles 1,760 mm with 4 fixings AISI 316L</p>	<p>8/10/12 mm</p>	<p>21.267</p> <p>21.247</p> <p>21.270</p> <p>21.250</p> <p>21.273</p> <p>21.253</p> <p>21.276</p> <p>21.256</p>
	<p>Complete incl. connecting bolt</p>		
	<p>Lockable back-to-back handle bar, 1,225 mm, with 2 fixings, complete with closing device and cylinder</p>	<p>6 – 16 mm</p>	<p>21.279</p>

	Features and data	Glass thickness	Art. No.
	<p>Pair of handle bars satin stainless steel length 350 mm, 2 hole fixing, weight in kg: stainless steel 1.254</p> <p>Pair of handle bars aluminum length 350 mm, 2 hole fixing, weight in kg: aluminum 1.326</p> <p>Pair of handle bars satin stainless steel length 720 mm, 2 hole fixing, weight in kg: stainless steel 1.947</p> <p>Pair of handle bars aluminum length 720 mm, 2 hole fixing, weight in kg: aluminum 2.423</p>	<p>8/10/12 mm</p> <p>8/10/12 mm</p> <p>8/10/12 mm</p> <p>8/10/12 mm</p>	<p>21.267*</p> <p>03.400</p> <p>21.270*</p> <p>03.402</p>
 <p>When length of handle bar is 350 mm</p>	<p>Pair of handle bars satin stainless steel length 1,240 mm, 3 hole fixing, weight in kg: stainless steel 3.400</p> <p>Pair of handle bars satin stainless steel length 1,760 mm, 4 hole fixing, weight in kg: stainless steel 5.000</p> <p>Lockable pair of handle bars Satin stainless steel length 1,225 mm, 2 hole fixing Keso 2.000 lock</p>	<p>8/10/12 mm</p> <p>8/10/12 mm</p> <p>8 – 13.5 mm</p>	<p>21.273*</p> <p>21.276*</p>

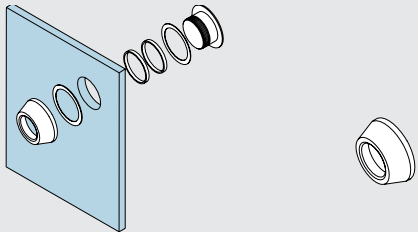
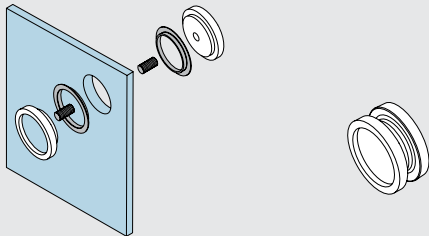
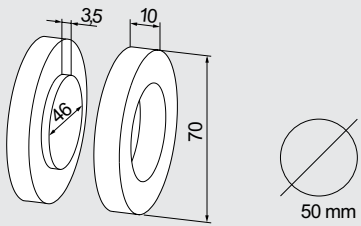
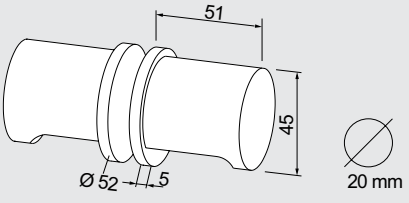
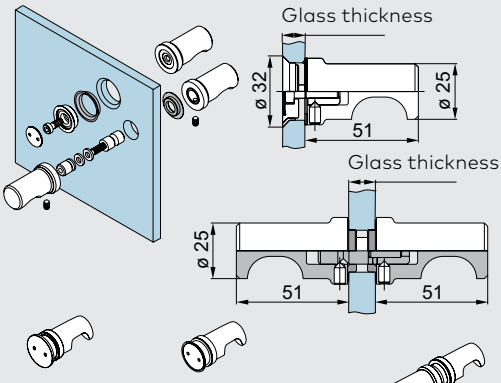
* Conversion sets for back to back pull handles for timber doors resp. other glass thicknesses see page 169 – 170.

Arcos pull handle

Features and data	Glass thickness	Art. No.
<p>Arcos pair of pull handle incl. connecting bolt Aluminium, stainless steel look only in AISI 316L</p> <p>Pull handle 350 mm with 2 fixings Pull handle 750 mm with 2 fixings</p>	8/10/12 mm	26.500 26.510

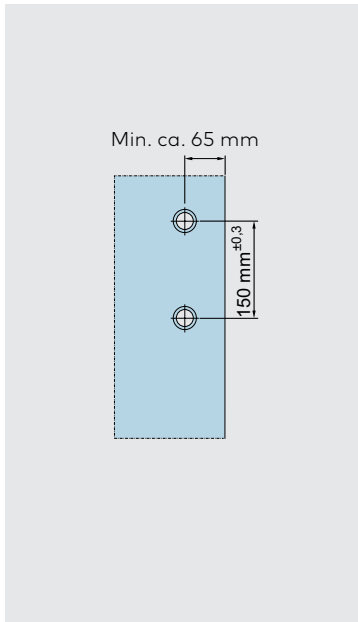


Recessed pull grips and door knobs

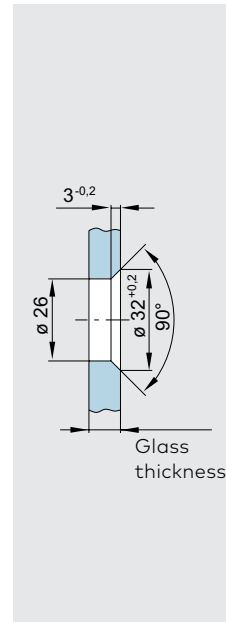
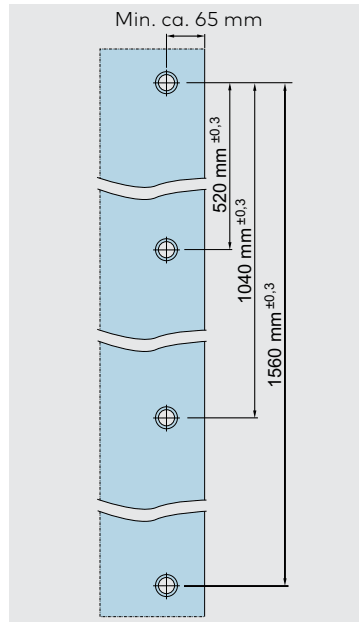
	Features and data	Glass thickness	Art. No.
 <p>Ø 38 mm</p>	<p>Recessed pull grip Ø 50 mm</p>	<p>8/10/12 mm</p>	<p>21.290</p>
 <p>Ø 50 mm</p>	<p>Recessed pull grip Ø 60 mm</p> <p>Recessed pull grip with grip hole Ø 60 mm</p>	<p>8/10/12 mm</p> <p>8 mm 10 mm 12 mm</p>	<p>21.291</p> <p>21.292 21.293 21.294</p>
 <p>35 10 70 50 mm</p>	<p>Recessed pull grip aluminum to be glued onto the glass Weight in kg: 0.072</p>		<p>07.200</p>
 <p>51 45 Ø 52 ± 0.15 20 mm</p>	<p>Door knob, aluminum Weight in kg: 0.400</p>		<p>07.201</p>
 <p>Glass thickness</p> <p>Ø 32 51 25</p> <p>Glass thickness</p> <p>25 51 51</p> <p>Single-point fixing clamping disc (Ø 22 mm)</p> <p>Single-point fixing countersunk (Glass preparation see next page)</p>	<p>Door knob one side fixing</p> <p>Door knob with single-point fixing, countersunk</p> <p>Door knob with single-point fixings, clamping disc</p> <p>Door knob back-to-back</p>	<p>8/10/12 mm</p> <p>8/10/12 mm</p>	<p>21.422</p> <p>21.426</p> <p>21.423</p>

Note: To ensure better load transmission, please use a pull handle in conjunction with the DORMOTION damping unit.

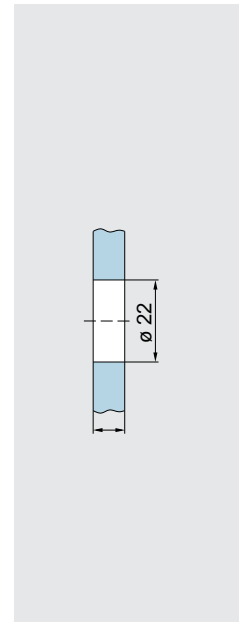
Glass preparation for pull handles and door knobs



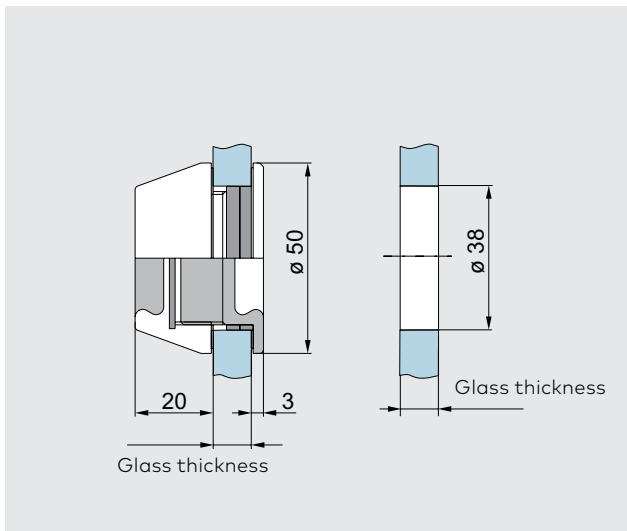
At length of pull handles
350 mm



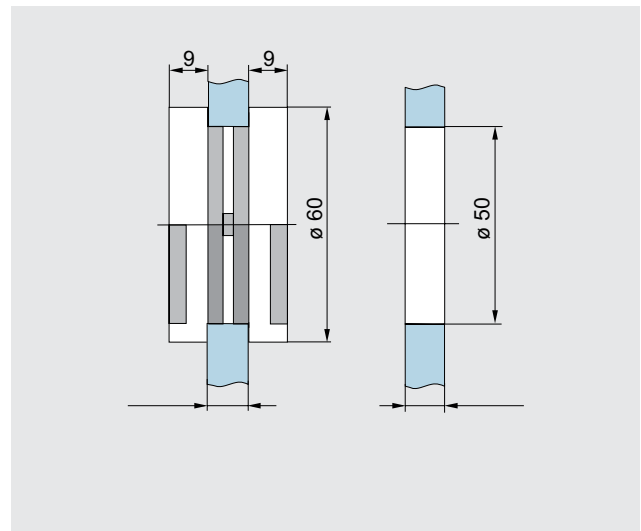
Countersunk bore
on pull handle and
door knob,
one side fixing



Cylindrical bore on
pair of pull handles
and door knobs,
back-to-back

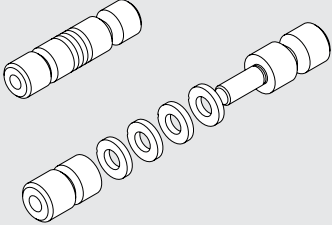
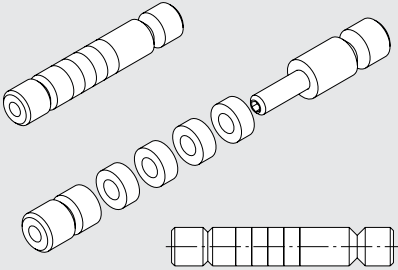


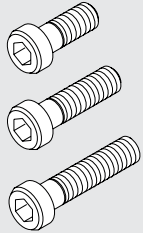
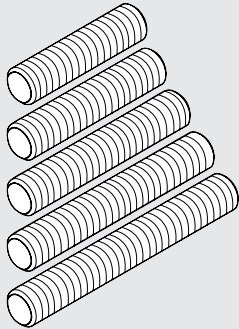
Cylindrical bore



Cylindrical bore

Spacing adjustment for pull handles and door knobs

	Features and data	Door thickness	Art. No.
 <p>Distance washer 2 mm</p>	<p>Conversion set 1 for glass doors, pair of pull handles / knob back-to-back</p> <p>without distance washer with 1 distance washer with 2 distance washers with 3 distance washers with 4 distance washers</p>	<p>13.5 – 21.5 mm</p> <p>13.5 mm 15 mm 17.5 mm 19 mm 21.5 mm</p>	<p>21.285</p>
 <p>Distance washer 5 mm</p>	<p>Conversion set 2 for timber doors, pair of pull handles / knob back-to-back</p> <p>without distance washer with 1 distance washer with 2 distance washers with 3 distance washers with 4 distance washers</p>	<p>20 – 40 mm</p> <p>20 mm 25 mm 30 mm 35 mm 40 mm</p>	<p>21.286</p>

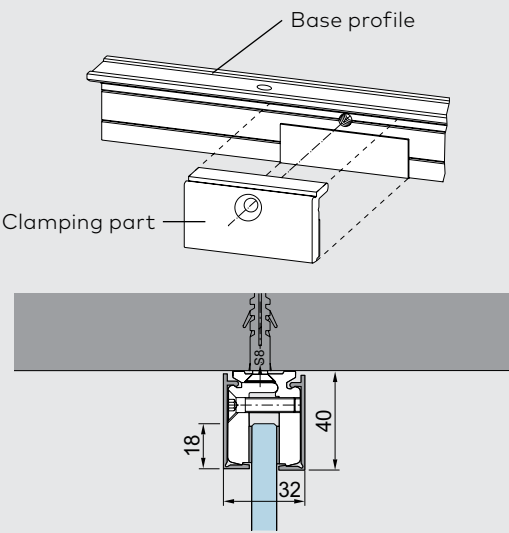
	Features and data	Door thickness	Art. No.
	<p>Conversion set 3 for glass / timber doors, pull handle / knob single-sided,</p>	15 – 40 mm	
	<p>single-point fixing countersunk single-point fixing clamping disc</p>		<p>21.287 21.288</p>
	<p>Not suitable for Arcos pull handles 26.500 / 26.510</p>		
	<p>Glass doors / timber doors Cylinder screw M 6 x 25 Cylinder screw M 6 x 35 Cylinder screw M 6 x 50</p>	<p>15 – 21.5 mm 25 – 30 mm 35 – 40 mm</p>	
	<p>Conversion set 4 Recessed pull grip</p>		
	<p>for glass doors for timber doors</p>		<p>21.295 21.296</p>
	<p>Glass doors Grub screw 20 mm Grub screw 22 mm Grub screw 24 mm Grub screw 25 mm Grub screw 28 mm</p>	<p>13.5 mm 15 mm 17.5 mm 19 mm 21.5 mm</p>	
	<p>Timber doors Grub screw 24 mm Grub screw 28 mm Grub screw 33 mm Grub screw 38 mm Grub screw 43 mm</p>	<p>20 mm 25 mm 30 mm 35 mm 40 mm</p>	

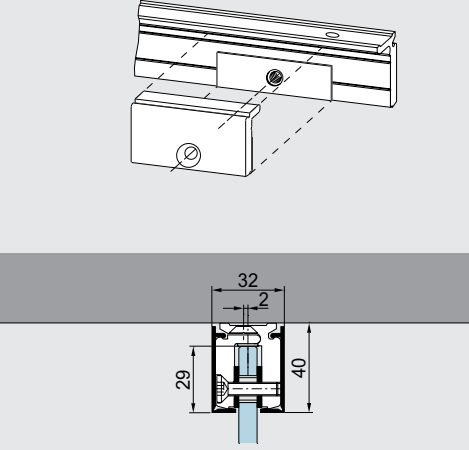
Wall connection profiles

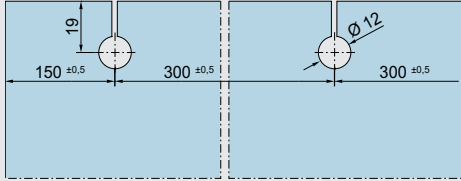
Consisting of: base profile, with bore holes (every 300 mm), incl. clamping parts with screws and gasket strips.

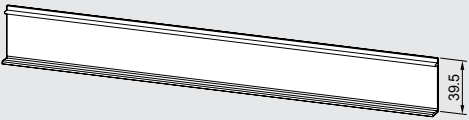
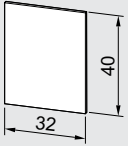
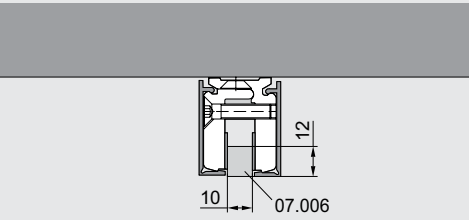
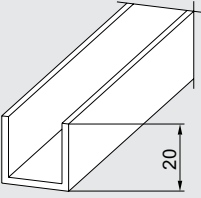
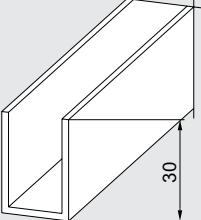
Application:

e. g. all around frame system for toughened glass assemblies, with fittings on sides and ceiling. The safety type prevents free hanging glass elements from falling down, by fixing the clamping fitting through glass holes. 15 kg load for each clamping part, torque for fixing screws 15 Nm (M 6 = Allan key size 4).

	Features and data	Glass thickness	Art. No.
	<p>Base profile 6,000 mm stock length</p>	<p>8 mm 10 mm 12 mm 12.7 mm 13.5 mm 15 mm 17 mm 19 mm</p>	<p>07.042 07.001 07.002 07.045 07.046 07.047 07.048 07.049</p>
	<p>Fixed length</p>	<p>8 mm 10 mm 12 mm 12.7 mm 13.5 mm 15 mm 17 mm 19 mm</p>	<p>07.050 07.051 07.052 07.055 07.056 07.057 07.058 07.059</p>
	<p>Clamping part (addition/replacement) 60 mm long, with screws and gasket strips</p>	<p>8 mm 10 mm 12 mm 12.7 mm 13.5 mm 15 mm 17 mm 19 mm</p>	<p>07.043 07.004 07.005 07.085 07.086 07.087 07.088 07.089</p>

Safety type	Features and data	Glass thickness	Art. No.
	<p>Base profile as safety type 6,000 mm stock length</p>	<p>8 mm 10 mm</p>	<p>07.060 07.061</p>
	<p>Base profile as safety type fixed length</p>	<p>8 mm 10 mm</p>	<p>07.066 07.067</p>
<p>Weight in kg/m: LM 1.200</p>			

Glass preparation for safety type	Features and data	Glass thickness	Art. No.
	<p>Clamping part (addition/replacement) for safety type 60 mm long, with screws and gasket strips</p>	<p>8 mm 10 mm</p>	<p>07.063 07.064</p>

	Features and data	Glass thickness	Art. No.
	<p>Clip on cover profile brass, stainless steel, satin and stainless steel polished door available</p> <p>6,000 mm stock length fixed length</p>		<p>07.003 07.053</p>
	<p>End cap</p>	<p>8/10 mm 12 – 13.5 mm 15 – 19 mm</p>	<p>07.007 07.044 07.065</p>
	<p>Filler block, 10 x 12 mm</p> <p>6,000 mm stock length fixed length</p>		<p>07.006 07.054</p>
	<p>U-profile 20 x 20 x 20 x 2 mm</p> <p>6,000 mm stock length fixed length</p>		<p>07.092 07.093</p>
	<p>U-profile 30 x 20 x 30 x 2 mm</p> <p>6,000 mm stock length fixed length</p>		<p>07.097 07.096</p>

Wall connecting frame system MR 22 and MR 28

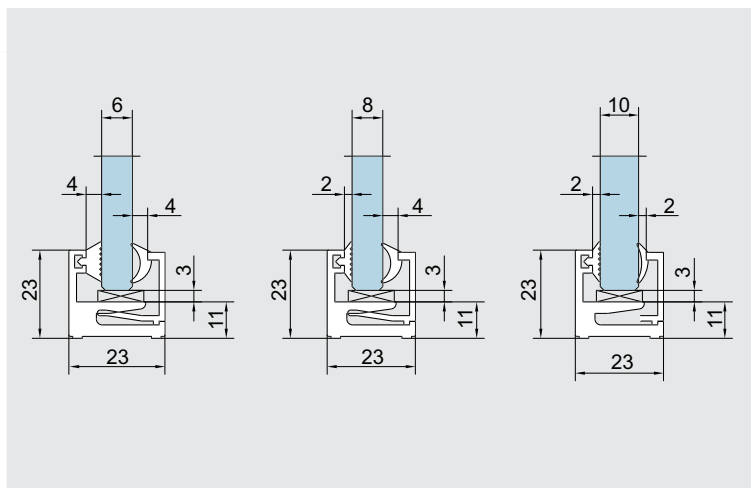
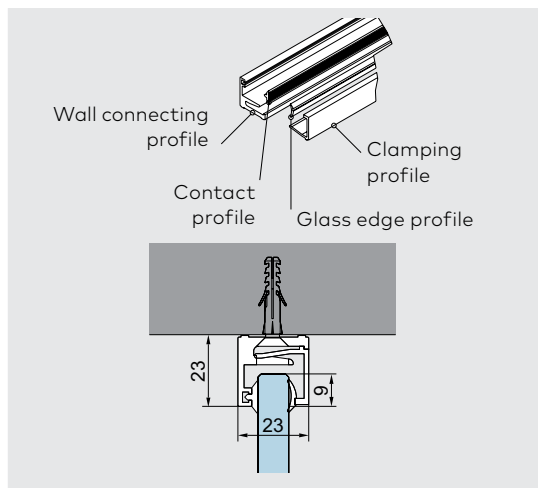
Comprising a frame profile (series-drilled), a clamping profile and two contact rubber extrusions (PVC, transparent).

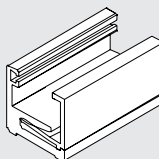
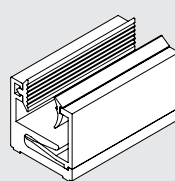
These decorative and elegant frame solutions are suitable for both indoor and outdoor applications and are characterised by their remarkably easy installation. The viewface width in the case of the MR 22 is a mere 22 mm and in the case of the MR 28 it is just 28 mm. Suitable for glass thicknesses of 8 and 10 mm. No load transfer by the profiles.

Can be readily removed and re-installed elsewhere. The MR 28 features an additional screw-fixing channel for connecting angle brackets and enables combination with mullion profiles for the vertical connection of several glass panels and also abutment to frame systems AT 44 and AT 50.

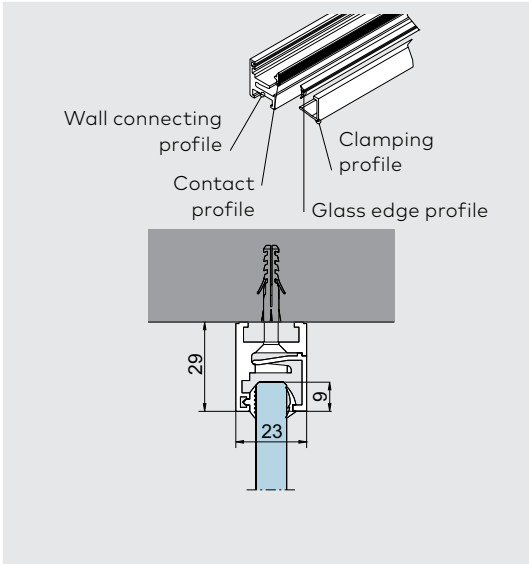
Applications:
e.g. surrounding frame for toughened glass systems for fixing to walls and ceilings

Base profile MR 22



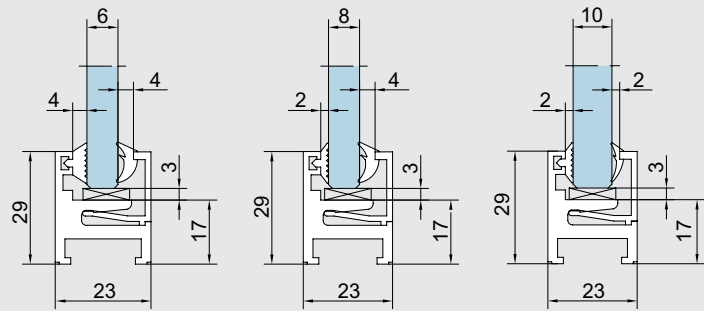
	Features and data	Art. No.
	MR 22 in 6,000 mm stock length, without PVC profile Weight in kg/m: Aluminum 0.648	07.240
	MR 22 in fixed length Weight in kg/m: Aluminum 0.648	07.250

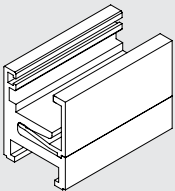
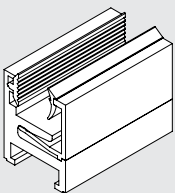
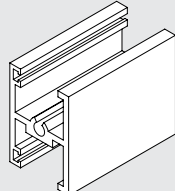
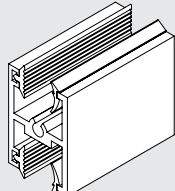
Base profile MR 28

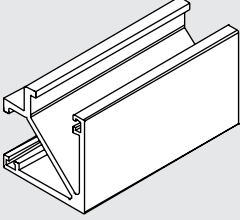
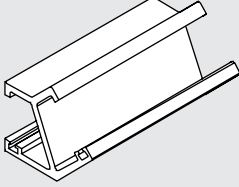
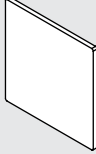
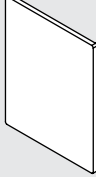
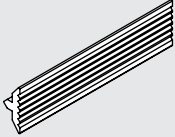
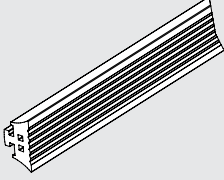


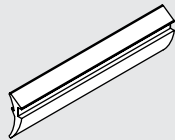
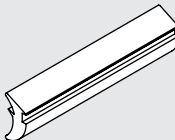
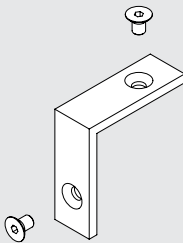
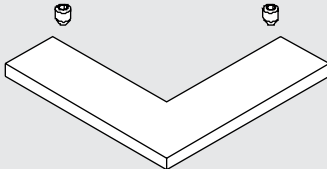
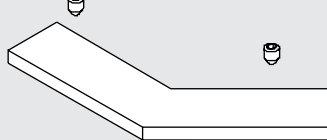
Attention:

Profiles are only delivered with straight cuts. Allowances in lengths of profiles to ensure producibility of bevel cuts have to be planned by the customer. The georgian bar profile must be prepared in addition on both sides. Please consider installation instruction

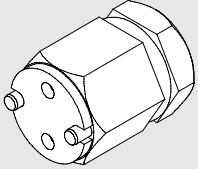
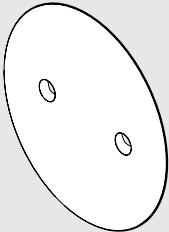
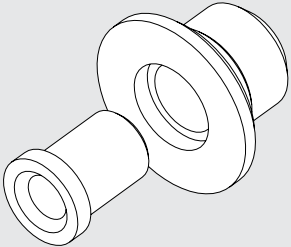


	Features and data	Art. No.
	<p>MR 28 in 6,000 mm stock length, without PVC profile</p> <p>Weight in kg/m: Aluminum 0.802</p>	07.241
	<p>MR 28 in fixed length</p> <p>Weight in kg/m: Aluminum 0.802</p>	07.251
	<p>Georgian bar profile MR 28 in 6,000 mm stock length, without PVC profile</p> <p>Weight in kg/m: Aluminum 0.542</p>	07.242
	<p>Georgian bar profile MR 28 in fixed length</p> <p>Screws for fixation at M 28 base profile are not included in delivery. Recommendation: counter sunk screw 4.2 mm x 32 mm</p> <p>Weight in kg/m: Aluminum 0.542</p>	07.252

	Features and data	Art. No.
	<p>MR 28 georgian bar profile 90° in 6,000 mm stock length</p> <p>Weight in kg/m: Aluminum 0.598</p>	07.258
	<p>MR 28 georgian bar profile 135° in 6,000 mm stock length</p> <p>Weight in kg/m: Aluminum 0.466</p>	07.259
	<p>End mounted plate MR 22</p> <p>Weight in kg/pc: Aluminum 0.002</p>	07.245
	<p>End mounted plate MR 28</p> <p>Weight in kg/pc: Aluminum 0.002</p>	07.246
	<p>Contact profile 2 mm thick, grey</p> <p>fixed length stock length 5,000 mm</p> <p>Weight in kg/m: PVC 0.023</p>	07.255 07.265
	<p>Contact profile 4 mm thick, grey</p> <p>fixed length stock length 5,000 mm</p> <p>Weight in kg/m: PVC 0.037</p>	07.256 07.266

	Features and data	Art. No.
	<p>Glass wedge profile 2 mm thick, grey</p> <p>fixed length stock length 5,000 mm</p> <p>Weight in kg/m: PVC 0.016</p>	<p>07.253 07.263</p>
	<p>Glass wedge profile 4 mm thick, grey</p> <p>fixed length stock length 2,500 mm</p> <p>Weight in kg/m: PVC 0.034</p>	<p>07.254 07.264</p>
 <p>DIN 7991 M 5 x 8</p>	<p>Corner connection set MR 28, 4 pieces per set</p> <p>8 screws DIN 7991 M 5 x 8 included in scope of delivery</p> <p>Weight in kg/pc: Aluminum 0.0021</p>	<p>07.247</p>
	<p>Corner connection for MR 28 georgian bar profil 90° 2 grub screws DIN 916 M 4 x 5 included in scope of delivery</p>	<p>07.248</p>
	<p>Corner connection for MR 28 georgian bar profil 135° 2 grub screws DIN 916 M 4 x 5 included in scope of delivery</p>	<p>07.249</p>

Accessories / Assembling aid

	Features and data	Art. No.
	Assembling tool for MANET single-point fixing	21.134
	Clip-on cover for single-point fixing with spring, 5 pieces	29.217
	Drilling jig for MANET single-point fixing serie S32/35	21.137

Safety-related information

Important safety-related information for the mounting and use of dormakaba glass fittings.

(Follow these instructions in addition to the mounting and operating instructions in order to avoid damage of product and damage to person or property.)

Important: All users have to be informed about relevant points mentioned in these safety-related information and the mounting and operating instructions!

General information

1. dormakaba recommends using TSG-H (heat soaked toughened safety glass) to DIN EN 12150-1.
2. dormakaba glass fittings are not suitable for application in rooms where chemicals (e. g. chlorine) are used such as indoor swimming pools, saunas or salt-water pools.
3. Never move sliding panels faster than walking speed and always stop the door manually before it reaches end position.
4. Do not shut swing doors with excessive force. Install door stop to prevent door from opening too far.

Mounting

1. Only properly qualified and specially trained staff is authorised to mount dormakaba glass fittings.
2. Never use glass with conchoidal fractures and/or damaged edges.
3. Due to crushing hazards – among others in the area of the secondary closing edge – and possible injury caused by breakage of glass during mounting, corresponding protective clothing (especially gloves and protective goggles) is required.
4. Clean clamping area with fat solvent (standard commercial cleaning agent) before mounting the glass fitting.
5. Never use clamping shoes on structured glass surfaces (except on satined glass) or glass of heavily varying thickness unless with a corresponding levelling layer.
6. Never use clamping shoes on self-cleaning coatings.
7. When adjusting glass elements, always stick to the required clearance for the respective fitting. Adjust clearance so that the glass does not touch hard components such as glass, metal or concrete.
8. Make sure not to use excessive force when installing the glass (avoid local stress resulting from very tight screws).

Maintenance

Check fittings at regular intervals for proper positioning and smooth running and door for correct adjustment. Especially highly-frequented door systems require inspection by properly qualified staff (specialised companies or installation firms). Immediately replace damaged glass elements (no glass flaking and/or conchoidal fractures)!

General care instructions

The surface finishes of the fittings are not maintenance-free and should be cleaned according to their material and design.

- For metallic surfaces (anodised finishes, stainless steel) please use appropriate cleaning agents without abrasive additives only.
- For varnished surfaces please use appropriate solvent-free cleaning agents only.
- Brass surfaces (without surface protection) have to be treated with an appropriate maintenance agent on occasion, to avoid tarnishing.

The printed colours indicating the surface finishes are not 100% true, but do provide a useful guide.

Statements made with regard to the nature or use of the products are for the purposes of descriptions. Assent with regard to the existence of particular properties or particular uses always requires special written agreement. Pictures may show special designs which are different to the standard scope of delivery.

Subject to change without notice.



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WN 05443651532, 11/17, GB, JP/XX, 11/17
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