

Moving Details.

Technical brochure Sliding Door Fittings

Issue 2024

New Generation

MUTO M 60
2.0



Our Sustainability Commitment

We are committed to foster a sustainable development along our entire value chain in line with our economic, environmental and social responsibilities toward current and future generations.

Sustainability at product level is an important, future-oriented approach in the field of construction. In order to give quantified disclosures of a product's environmental impacts through its entire life cycle, DORMA-Glas provides Environmental Product Declarations (EPDs), in which the results of the life cycle assessment (LCA) are presented.

Content

New Generation
MUTO Comfort
M 60 2.0



06

MUTO

Manual sliding door system with track system integrated functional elements



130

RS 120/ RS 120 Synchro

Manual sliding door system with clamp fittings and cover profile



140

MANET Sliding Door Sets

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



150

MANET

Sliding Door Fittings, accessories and connection systems



166

Wall connection profile

Bearing wall connecting profile system



172

Accessories



186

Safety-related information

The pictograms in this brochure are only intended to facilitate orientation. They are not true to scale and do not represent the exact design of the products! We reserve the right to make technical changes.

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 sliding door fittings for timber panels. Compact, flexible and with a wide range of options. Simple installation and adjustability from the front. Convenience "Comfort"

Applications and features	NEW		
	MUTO Comfort M 60 2.0	MUTO Comfort L 80	MUTO Premium XL 80/150
Suspended sliding door	●	●	●
Integrated / concealed carrier	●	●	●
1 panelled sliding door	●	●	●
2 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, frame lining profile	●	●	●
Installation at ceiling	●	●	●
Fixed at glass		●	●
Mounting in ceiling slot		●	
Mounting in wall pocket		●	
Safe use of laminated safety glass elements	●	●	●
System integration of fixed side panels	●	●	●
Timber sliding door possible	●	●	●
Panel attachment with no glass preparation ¹⁾	●	●	●
Max. sliding panel weight	60 kg	80 kg	80 / 150 kg
Min. sliding panel width	600 ^{2) 4)}	600 ²⁾	660 ²⁾
Max. sliding panel width	1300	2000 ⁴⁾	2500 ⁴⁾
Max. sliding panel height	2500	3000	3000
Glass thicknesses sliding panel	8 – 12	8 – 13.5	8 – 13.5
Glass type	TSG / LSG ³⁾	TSG / LSG ³⁾	TSG / LSG ³⁾
Wood thickness sliding panel	28 – 50	28 – 50	28 – 50
Glass thicknesses integrated sidelights	8 – 13.5	8 – 13.5	8 – 13.5
Page	22	32	66

1) Glass machining only necessary for individual thumbturn or other handle types.

2) To ensure optimal operation, we recommend an aspect ratio of 1:2 or 1:3

3) LSG (consisting of 2 x TSG) with accessory set LSG

4) After consultation: With DORMOTION from 450 mm, without DORMOTION from 400 mm possible

options such automatic closing function and integrated battery-operated lock or with flush-mounted transformer. MUTO is also available as telescopic variant.

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

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 visually timeless highlights made of stainless steel.

MUTO Premium Self-Closing 120	MUTO Premium Telescopic 80	RS 120	MANET
●	●	●	●
●	●	●	●
●	● (2 panels, move in sync)	●	●
●	● (2x2 panels, each pair of panel move in sync)	●	●
●	●		
●	●		
●	●		
●	●		
		●	
	●		
●	●		
●	●	●	●
●	●		●
●	●	●	
●	●		●
●	●		●
●	●	●	●
●	●	●	
●	●	●	
120 kg	2 x 80 kg	120 / 150 kg	100 kg Set / 120 kg System
660 ²⁾	600	500 ²⁾	500 ²⁾
850 ²⁾			
1500 ⁶⁾	from page 108 onwards	1500 ⁵⁾	1200 ⁵⁾ Larger panel widths on request
3000	3000	3000	2500 Set / 3000 System
8 – 13.5	8 – 13.5	8, 10, 12	8 – 13.5
TSG / LSG ³⁾	TSG / LSG ³⁾	TSG	TSG / LSG
28 – 50	28 – 50	26 – 38	
8 – 13.5	8 – 13.5	8, 10	10 – 13.5
86	104	130	140

5) From 1500 mm glass panel width, we recommend using the MUTO floor profile guide with brushes (Art. No. 36.562). The glass dimensions may differ due to the following factors: type of installation, glass tolerances, general usage considerations. The use of clamp fittings on structured glass surfaces (except for satinised glass) or glasses with large variations in glass thickness is only permitted with the application of a levelling layer.

6) Max. travel 1450 mm

● Standard
○ Optional

*120 kg for drilled track only

Content

MUTO

08

General information

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

22

MUTO Comfort M 60 2.0

NEW

- Type illustrations
- Fitting modules
- Component parts

32

MUTO Comfort L 80/L 80 Pocket

- Type illustrations
- Fitting modules
- Component parts

66

MUTO Premium XL 80/150

- Type illustrations
- Fitting modules
- Component parts

86

MUTO Premium Self-Closing 120

- Type illustrations
- Fitting modules
- Component parts

104

MUTO Premium Telescopic 80

- General information
- Type illustrations
- Component parts

172

Accessories

186

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

- 60 kg
- 80 kg
- 150 kg
- Self-Closing, max. 120 kg
- Telescopic, max. 2 x 80 kg

Activity rate, longevity

- ≥ 50,000 cycles at 60 kg variant
- ≥ 100,000 cycles at 80 kg variant
- ≥ 200,000 cycles at 80/150 kg variant

DORMOTION – the elegant damping mechanism



Integrated electromechanical lock – discretion assured



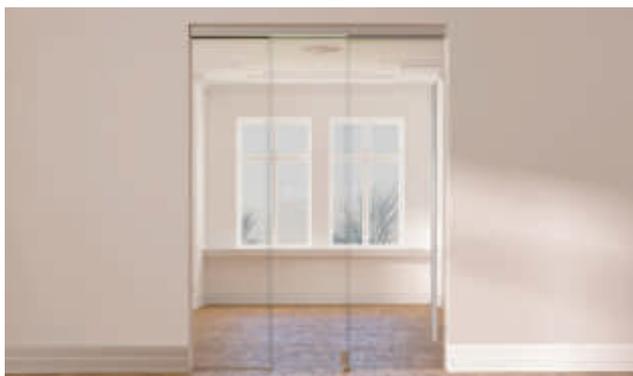
Status indicator – everything under control



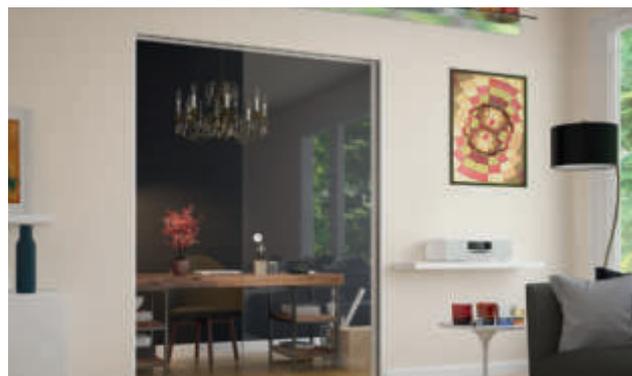
Self-Closing – hassle-free



Large openings with small footprint



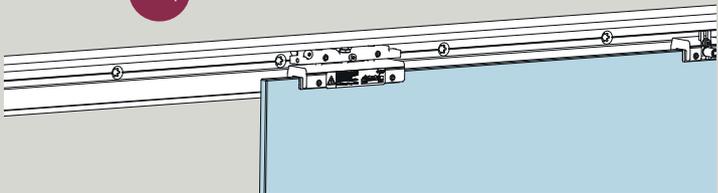
Wall pocket and / or ceiling slot solution



Retrofittable and safe

Product description

Version M

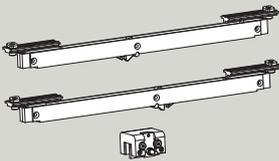
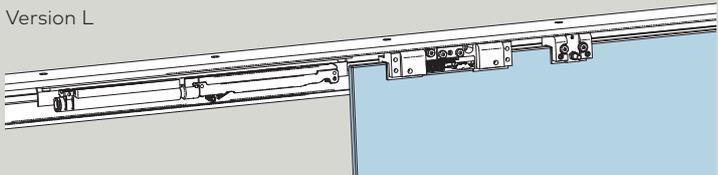


DORMOTION Comfort M, L, Premium XL (damping mechanism)

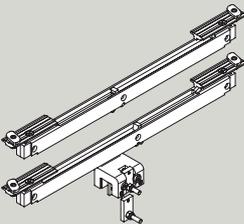
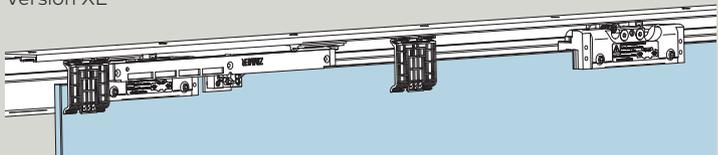
- Retrofittable in existing systems (without the need for disassembly)

When using a DORMOTION damping unit, we recommend installation of a pull handle.

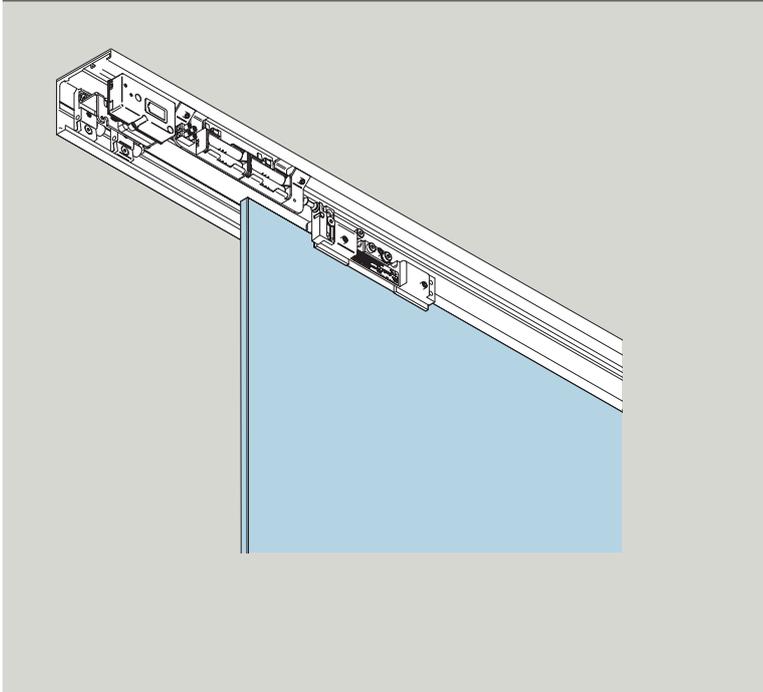
Version L



Version XL



Product description



Integrated lock and status indicator

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

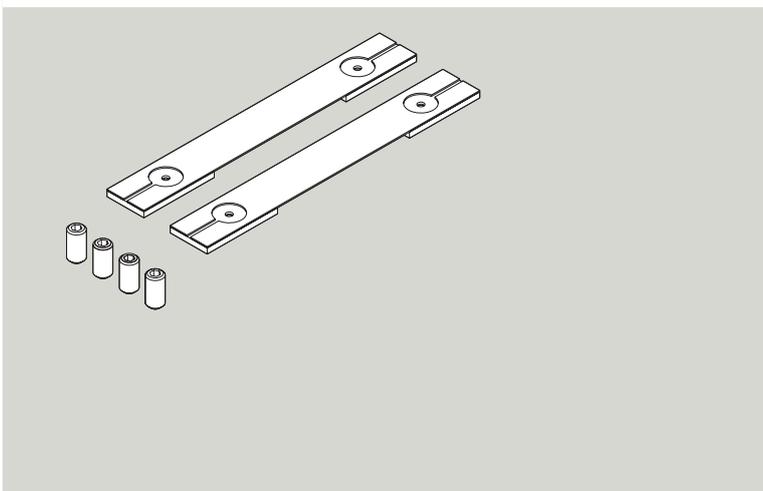
- Retrofittable (ensure compliance with profile dimensions)
- Battery-operated, alternatively also available as transformer version
- Not suitable as a security barrier
- Not suitable for outdoor facilities
- Applies to the following systems:
 - MUTO Comfort L
 - MUTO Premium XL
 - MUTO Premium XL Telescopic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

not illustr.

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

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

not illustr.

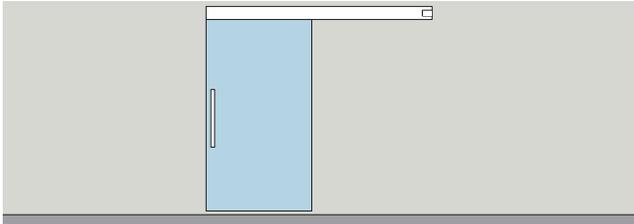


Secure hold for laminated safety glass without any mechanical glass preparation thanks to Clamp & Glue technology

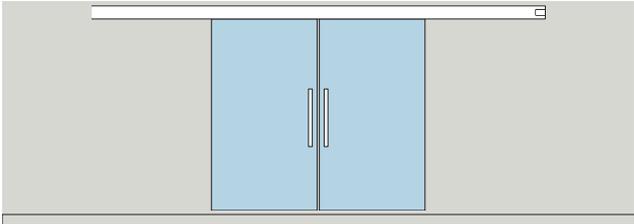
- Easy retrofitting of the carriers with LSG accessory set
- No unwanted LSG phenomena:
 - No bubble formation
 - No laminate slippage
 - No glass fracture as a result of excessive clamping forces
 - No negative influence of temperature change (foil disappears)
- Applies to the following systems:
 -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

Installations

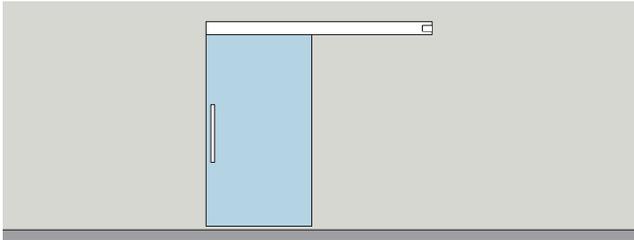
With one sliding panel



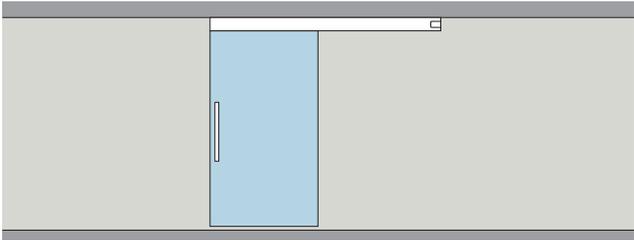
With two sliding panels



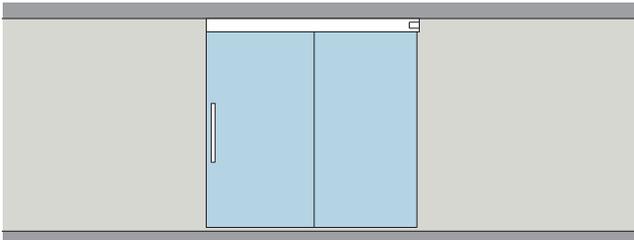
Fixed at wall



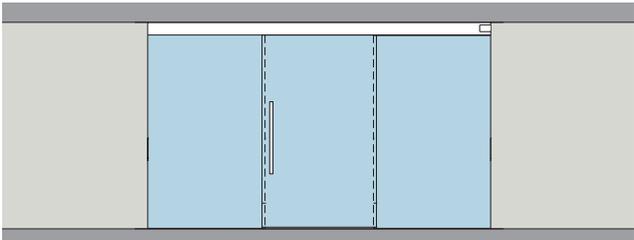
Fixed at ceiling



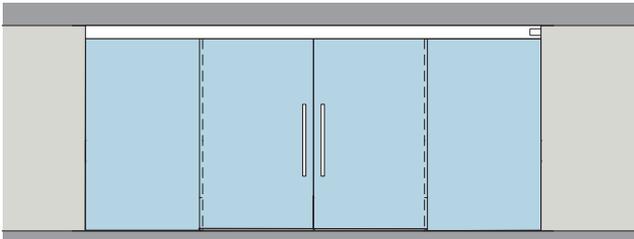
Fixed at transom with sidelight



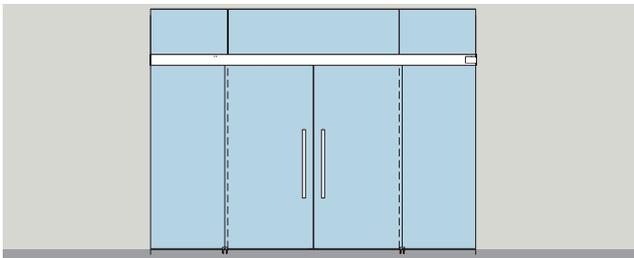
Fixed at transom with sidelight



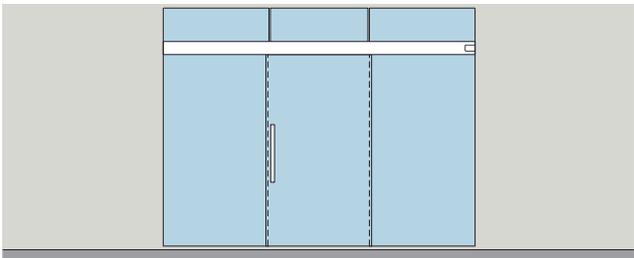
Fixed at ceiling with sidelights



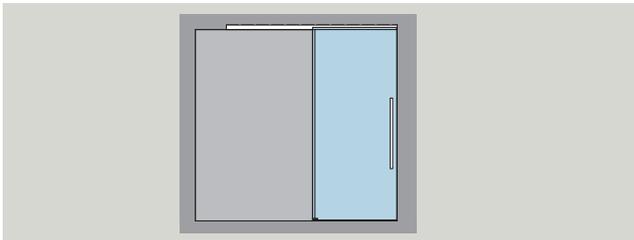
Fixed at glass – with glass fanlight and glass sidelights



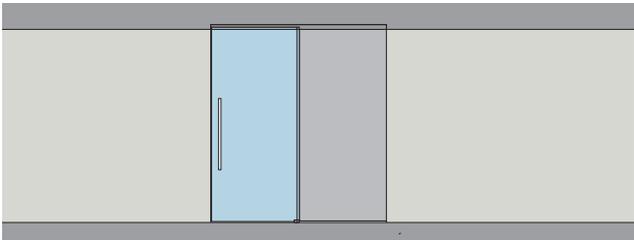
Fixed at glass – with glass fanlight and glass sidelights



Glass in wall pocket*



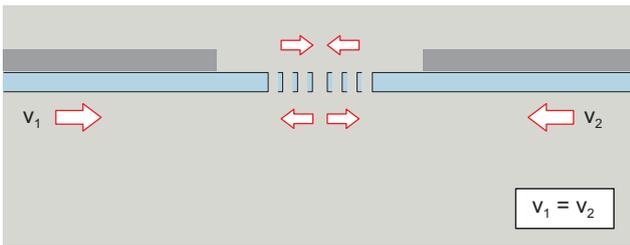
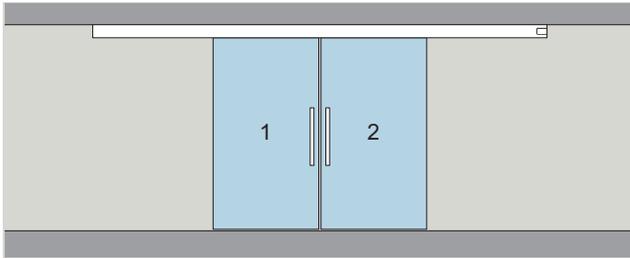
Glass in ceiling slot*



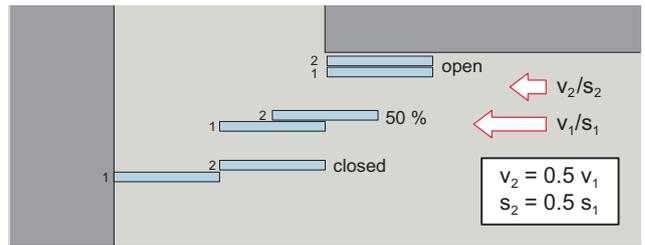
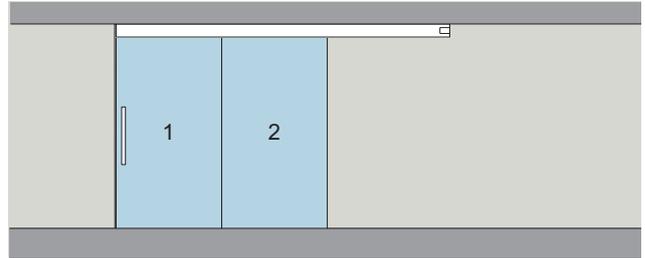
*Can only be realised with L80. Double-panel version possible.

Functionalities

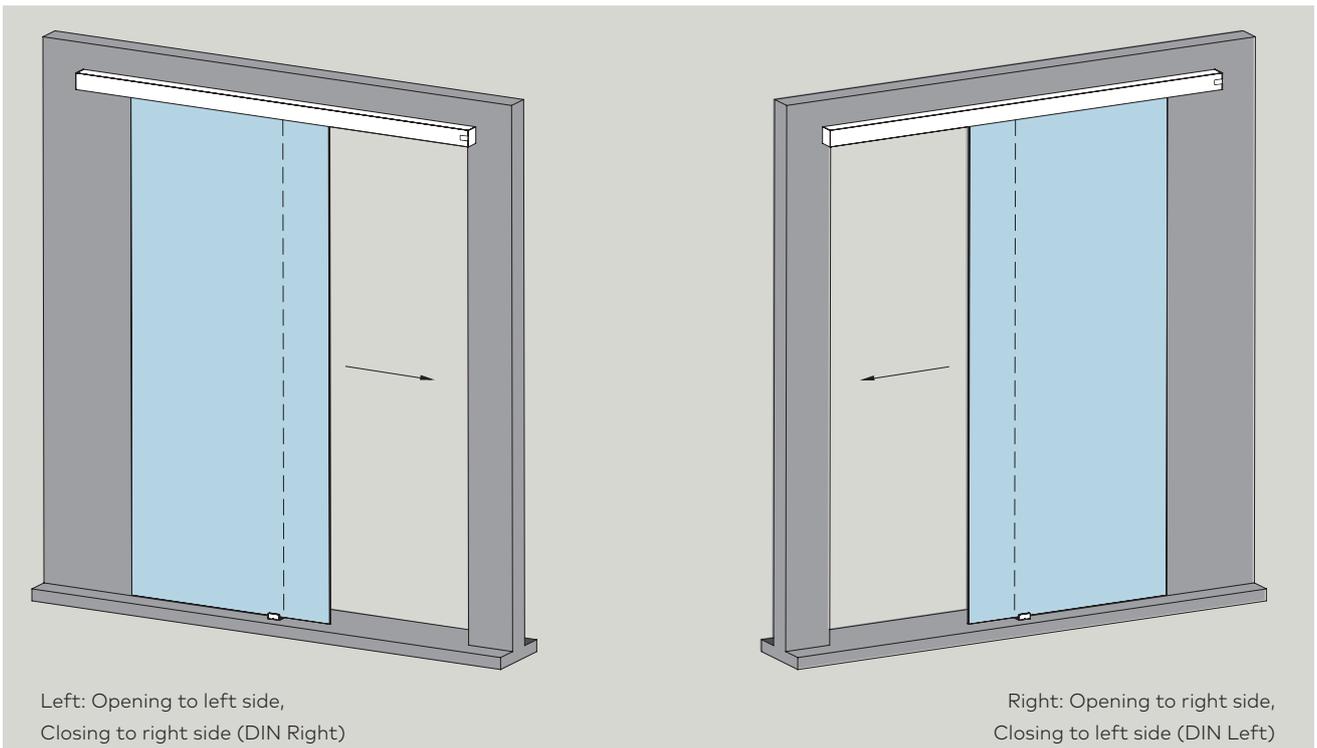
Synchro



Telescopic



Self-Closing/Telescopic



s = Path / route
v = Speed

DIN requirements and test reports

The MUTO fittings are tested by the Prüfinstitut Schlösser und Beschläge (PIV) by the building authority recognised and accredited according to DIN ISO 17025. It is confirmed that the MUTO fittings comply with the corresponding DIN requirements and have thus been classified. We would be pleased to provide you with the test reports of the respective MUTO systems via our sales department as PDF documents.



 PV Prüfinstitut Schlösser und Beschläge Velbert | Waldstraße 41 | D-42551 Velbert | Fax +49(0)2051/9306-5 | info@piv-velbert.de
 +49(0)2051/9306-49 | www.piv-velbert.de

PRÜFZEUGNIS TEST CERTIFICATE

DIN EN 1527:2020-04
 Nr./ No. 62-2/20

Der Firma DORMA-Glas GmbH
 We confirm, that the company Max-Planck-Straße 33
 D-32107 Bad Salzuffen

wird bescheinigt, dass sie am 23. September 2020
 at the date of



 PV Prüfinstitut Schlösser und Beschläge Velbert | Waldstraße 41 | D-42551 Velbert | Fax +49(0)2051/9306-5 | info@piv-velbert.de
 +49(0)2051/9306-49 | www.piv-velbert.de

PRÜFZEUGNIS TEST CERTIFICATE

DIN EN 1527:2020-04
 Nr./ No. 62-3/20

Der Firma DORMA-Glas GmbH
 We confirm, that the company Max-Planck-Straße 33-45
 D-32107 Bad Salzuffen

wird bescheinigt, dass sie am 23. September 2020
 at the date of



 PV Prüfinstitut Schlösser und Beschläge Velbert | Waldstraße 41 | D-42551 Velbert | Fax +49(0)2051/9306-5 | info@piv-velbert.de
 +49(0)2051/9306-49 | www.piv-velbert.de

PRÜFZEUGNIS TEST CERTIFICATE

DIN EN 1527:2020-04
 Nr./ No. 62-1/20

Der Firma DORMA-Glas GmbH
 We confirm, that the company Max-Planck-Straße 33-45
 D-32107 Bad Salzuffen

wird bescheinigt, dass sie am 23. September 2020
 at the date of

die Anforderungen der DIN EN 1527 has met the requirements of DIN EN 1527

für das Produkt MUTO Comfort L 80 DORMOTION
 for the product

in der Ausführung Schiebebeschlag/ Sliding hardware
 in the version

entsprechend dem folgenden Klassifikationschlüssel erfüllt hat:
 that complies with the following classification-key:

Größe der anzuwendenden Prüflast Size of the test specimen used	Korrosionsbeständigkeit Corrosion resistance	Beständigkeit gegen Zuschlagen Resistance to striking	Beständigkeit bei horizontaler statischer Beanspruchung Resistance to horizontal static loading	Beständigkeit bei vertikaler statischer Beanspruchung Resistance to vertical static loading	Beständigkeit bei dynamischer Beanspruchung Resistance to dynamic loading	Zulässige Abnutzung der Ankerbohrung Permissible wear of anchor holes	Dauerhaftigkeit Durability
1	2	3	3	3	1	3	6

Diesem Prüfzeugnis liegt der Prüfbericht Nr. 62-1/20 des PV als Beurteilungsgrundlage zugrunde. Die Gültigkeit des Prüfzeugnisses bleibt so lange erhalten, wie sich die Prüfgrundlage und / oder das getestete Produkt nicht ändern.
 Das Prüfzeugnis hat insgesamt 1 Seite.
 This certificate is based on the evaluation of test report no. 62-1/20 by PV.
 The validity of the test certificate will persist as long as the testing-base and the products are not changed.
 This test certificate has a total of 1 page.

D-42551 Velbert, 30. September 2020


 A. Horsthemke (B.Eng.)
 Institutsleiterin/ Director of Institute


 S. Holz, Staatl. gepr. Techniker/
 State-qualified technical engineer
 Prüfer/ verifier




Das ist eine Urkundenseite.
 Teilweise Veröffentlichung oder vollständige Wiedergabe ist unzulässig. Missachtung bedeutet Urkundenfälschung.
 This is a document page. Partly publication or changes are forbidden. Disregard means document forgery.

Akkreditierte Prüfstelle nach DIN EN ISO/IEC 17025
 Akkreditierte Zertifizierungsstelle nach DIN EN ISO/IEC 17064
 Prüfstelle für Überwachungs- und Zertifikatsausgabe nach der EU-Richtlinie 2003/85/EG
 Staatliche und Zertifikatsausgabe nach dem Bundesgesetz (BGG)
 Prüfstelle für Sachverständigen und Sachverständigen (SachV) (SachV) anerkannte Prüfstelle

Institutleitung
 Andrea Thombrinke (B.Eng.)
 In gleicher Weise
 Sachverständigenfunktion



 DAkkS
 Deutsches
 Akkreditierungsorgan
 nach DIN EN ISO/IEC 17000
 Nr. 11274-01-01



 PV Prüfinstitut Schlösser und Beschläge Velbert | Waldstraße 41 | D-42551 Velbert | Fax +49(0)2051/9306-5 | info@piv-velbert.de
 +49(0)2051/9306-49 | www.piv-velbert.de

PRÜFZEUGNIS TEST CERTIFICATE

DIN EN 1527:2020-04
 Nr./ No. 62-3/20

Der Firma DORMA-Glas GmbH
 We confirm, that the company Max-Planck-Straße 33-45
 D-32107 Bad Salzuffen

wird bescheinigt, dass sie am 23. September 2020
 at the date of

den Anforderungen der DIN EN 1527 EN 1527

MUTO Premium XL 80/150 DORMOTION

Schiebebeschlag/ Sliding hardware

entsprechend dem folgenden Klassifikationschlüssel erfüllt hat:
 that complies with the following classification-key:

Größe der anzuwendenden Prüflast Size of the test specimen used	Korrosionsbeständigkeit Corrosion resistance	Beständigkeit gegen Zuschlagen Resistance to striking	Beständigkeit bei horizontaler statischer Beanspruchung Resistance to horizontal static loading	Beständigkeit bei vertikaler statischer Beanspruchung Resistance to vertical static loading	Zulässige Abnutzung der Ankerbohrung Permissible wear of anchor holes	Dauerhaftigkeit Durability
4	3	3	3	1	3	6

Diesem Prüfbericht Nr. 62-3/20 des PV als Beurteilungsgrundlage zugrunde. Der Preis bleibt so lange erhalten, wie sich die Prüfgrundlage und / oder das getestete Produkt nicht ändern.
 Das Prüfzeugnis hat insgesamt 1 Seite.
 This certificate is based on the evaluation of test report no. 62-3/20 by PV.
 The validity of the test certificate will persist as long as the testing-base and the products are not changed.
 This test certificate has a total of 1 page.

September 2020


 S. Holz, Staatl. gepr. Techniker/
 State-qualified technical engineer
 Prüfer/ verifier



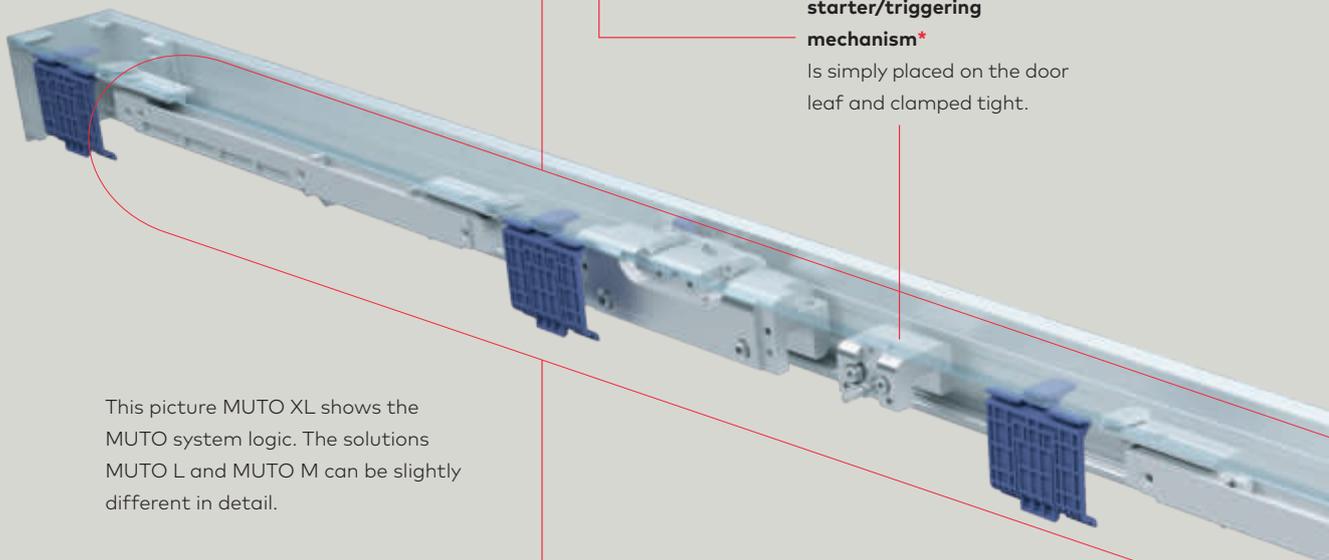
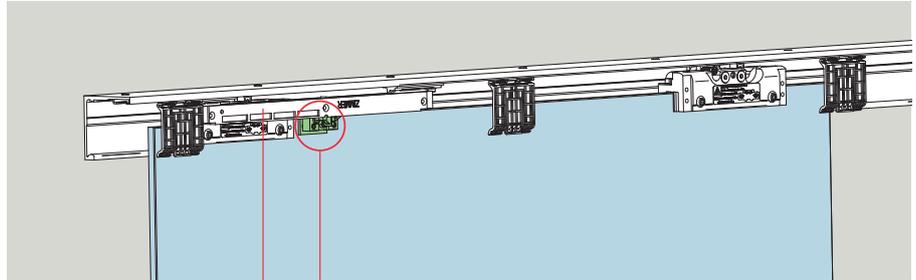

Institutleitung
 Andrea Thombrinke (B.Eng.)
 In gleicher Weise
 Sachverständigenfunktion



 DAkkS
 Deutsches
 Akkreditierungsorgan
 nach DIN EN ISO/IEC 17000
 Nr. 11274-01-01

The sliding door system offering fast, effortless installation

MUTO – easy installation and adjustability from the front.



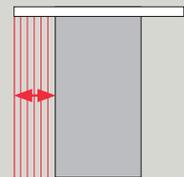
DORMOTION starter/trigering mechanism*

Is simply placed on the door leaf and clamped tight.

This picture MUTO XL shows the MUTO system logic. The solutions MUTO L and MUTO M can be slightly different in detail.

DORMOTION*

Is inserted into a separate channel in the track and fixed by means of a fixing screw. The damping unit is retrofittable and can also be installed on existing panels in situ. When using a DORMOTION damping unit, we recommend installation of a pull handle.



LSG certified.

Transparent safety.

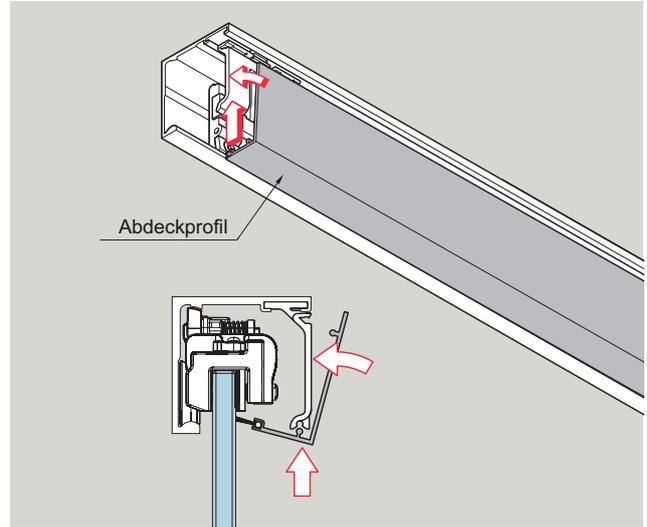
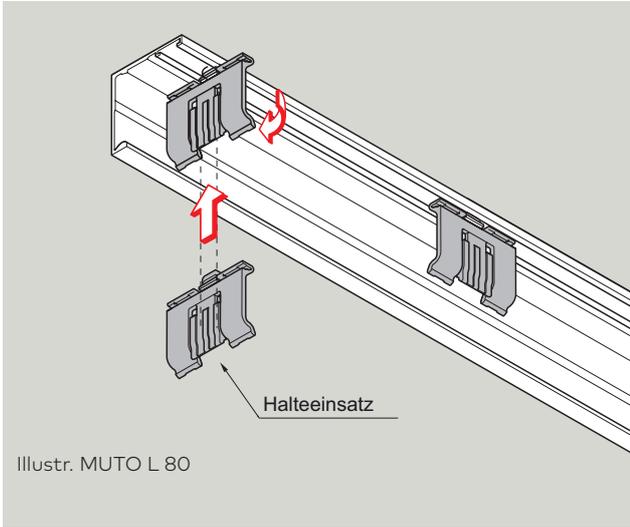
Laminated safety glass can be installed as part of the MUTO system.

The certification confirms its high-grade quality.

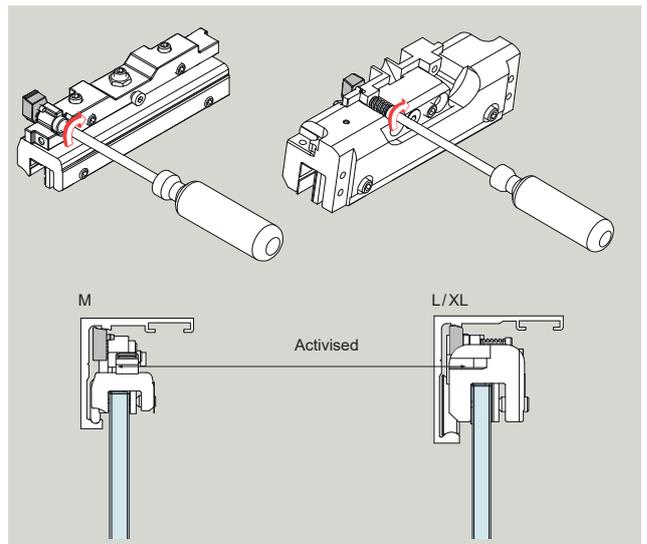
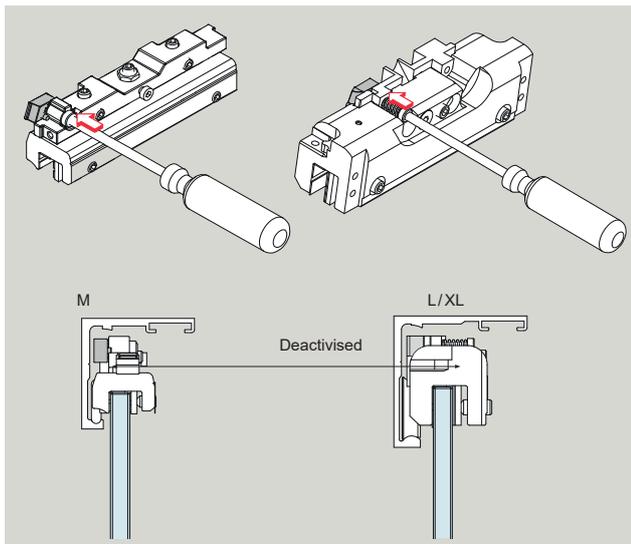


Advantages at installation

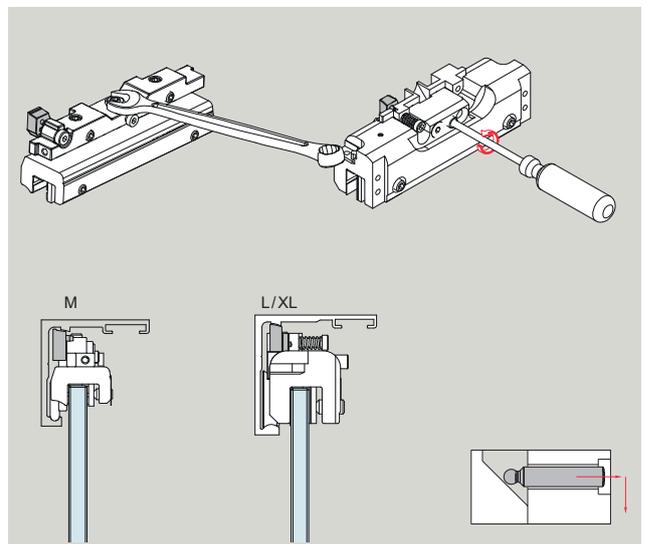
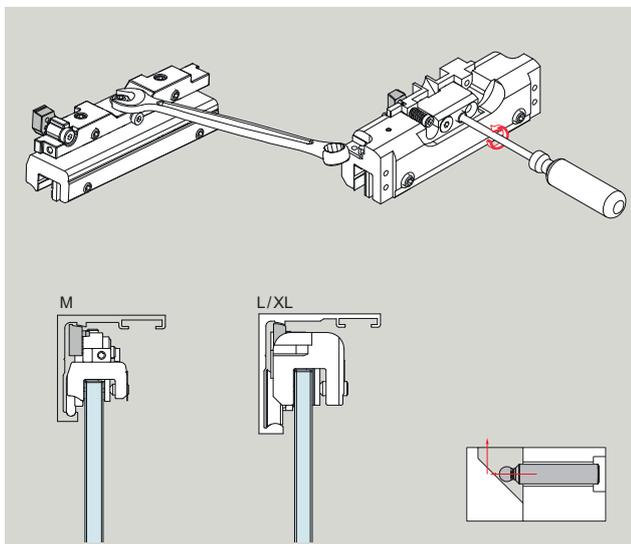
Cover profile



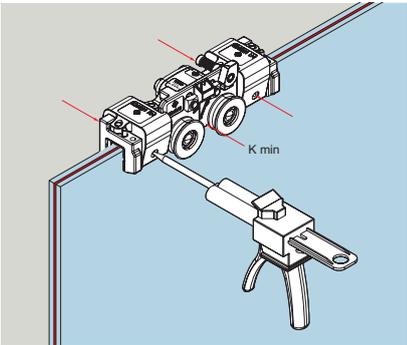
Anti-jump device – carriers: MUTO Comfort M, L, Premium XL, Self-Closing and Telescopic



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



Clamp&Glue technology



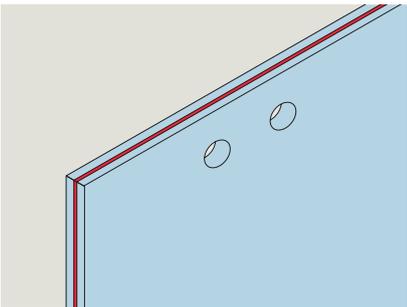
DORMA-GLAS Clamp&Glue technology provides the possibility to keep the advantages and – at the same time – to eliminate the potential issues of laminated safety glass.

The solution for secure hold of the glass panel only needs a minimum of clamping force at the fittings, without any glass preparation.

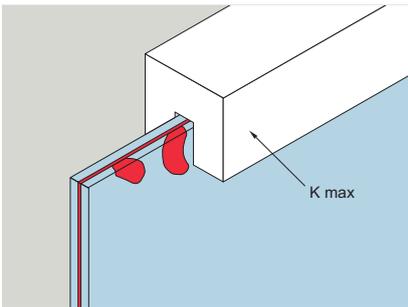
- Carrier sets readily convertible to LSG – make sure you specifically order LSG accessory sets
- High level of safety
- Easy installation
- Improved smoothness of operation
- Decorative laminates
- Residual load-bearing capacity

MUTO: the following negative phenomena are eliminated with LSG

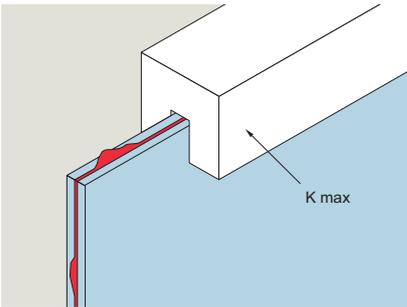
Glass preparation



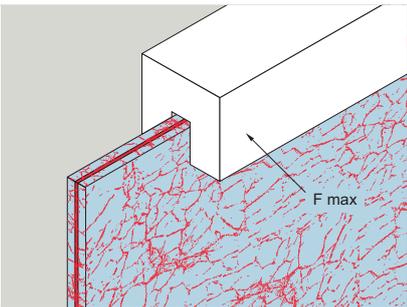
Blister



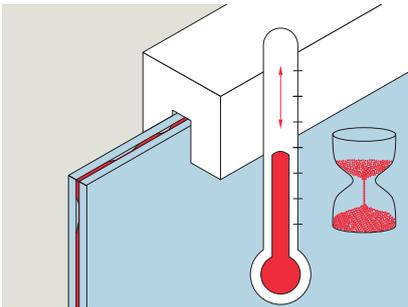
Extrusion of interlayer



Glass crack



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



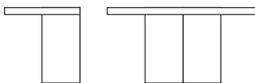
MUTO

Ideal for glass panels –
also optional for timber panels

Much Comfort:

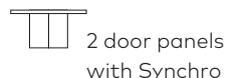
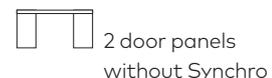
- Self-Closing (self-closing)
- Integrated locking
- DORMOTION (damping mechanism)



	 MUTO Comfort M 60 2.0	 MUTO Comfort L 80	 MUTO Premium XL 80
Comfort			
Track dimensions: Track incl. Side panel	W = 80	W = 90	W = 91
Track dimensions: Track + Cover profile	W ≤ 61 H ≤ 58	W ≤ 71 H ≤ 58	W ≤ 72 H ≤ 69
Basic description			
Max. gap to wall (glass door)	15	17	20
Max. gap to wall (timber door, thickness ≤ 30)	7	7	7
Glass thickness	8 – 12	8 – 13.5	8 – 13.5
Installations	Wall, ceiling	Wall, ceiling, glass	Wall, ceiling, glass
Max. door height	≤ 2500	≤ 3000	≤ 3000
Max. door width	1300	1500 (max. 2000)**	1500 (max. 2500)**
Door height adjustment	+ 4 / – 2	+ 5 / – 3	+ / – 5
Corrosion EN 1670	Class 2	Class 4	Class 4
Door cycles	≤ 50,000	≥ 100,000	≥ 200,000
DIN EN 1527	●	●	●
Max. door weight/single door	60 kg	80 kg	80 kg
Max. door weight/double door	–	2 x 80 kg	2 x 80 kg
Prepared for timber	●	●	●
Glass type	TSG / LSG*	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	–	○ ²⁾	○ ²⁾
Self-Closing	–	–	–



1 door panel

2 door panels
with Synchro2 door panels
without Synchro

● yes – no ○ optional

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

** For panel widths from 1500 mm we recommend the use of an underfloor floor guide profile.

The glass dimensions may vary due to the method of fixing and installation, glass tolerances or general usage.

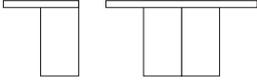
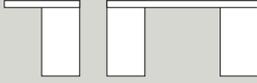
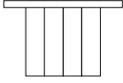
The use of clamp fittings on structured glass surfaces (with the exception of satinised glass) or glass with large variations in glass thickness is only permitted with the application of a levelling layer.

1) Max. travel 1450 mm

2) In combination with Synchro not possible

Variants

- Self-Closing
 - Telescopic – wide openings with small panels
 - Synchro – moving both panels of a double door synchronously either toward each other (closing) or from each other (opening) when just one panel is moved by hand.
- Wall, glass and ceiling installations possible
 - For panels ≤ 60 kg up to 150 kg

 MUTO Premium XL 150	 MUTO Premium Self-Closing 120	 MUTO Premium Telescopic 80
W = 91	W = 119	W = 146
W ≤ 72 H ≤ 69	W ≤ 100 H ≤ 69	W ≤ 127 H ≤ 69
20	20	17 / 52
7	7	7
8 – 13.5	8 – 13.5	8 – 13.5
Wall, ceiling, glass	Wall, ceiling, glass	Wall, ceiling, glass
≤ 3000	≤ 3000	≤ 3000
1500 (max. 2500)	1500 ¹⁾	see from page „Type illustrations with two door panels fixed at glass“ auf Seite 90
+ / – 5	+ / – 5	+ 5 / – 3
Class 4	Class 4	Class 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, Teleskopik

Further information on MUTO Premium Telescopic 80 can be found in the Compendium.
www.dorma-glas.com

MUTO

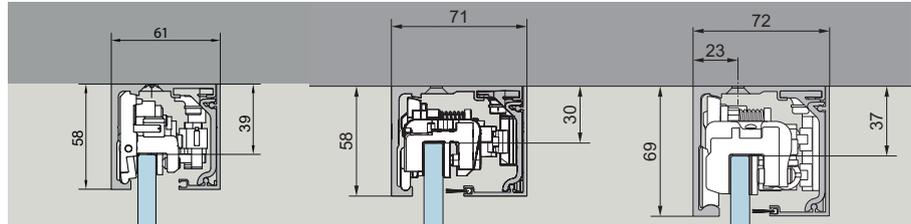
NEW

Explanation of product names

Profile dimensions
M = 61 x 58
Max. door weight
60 kg

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

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



	MUTO Comfort M 60 2.0	MUTO Comfort L 80	MUTO Comfort Pocket	MUTO Premium XL 80
DORMOTION	Optional	Optional	Optional	Yes
max. Sliding panel weight	60 kg	80 kg	80 kg	80 kg
Movement cycles	≥ 50,000	≥ 100,000	≥ 100,000	≥ 200,000
Glass thickness sliding panel	8 – 12	8 – 13.5	8 – 13.5	8 – 13.5
Height adjustment	+ 4 / - 2	+ 5 / - 3	- 3 / + 5	+/- 5
Material thickness (Timber)	28 – 50	28 – 50	28 – 40	28 – 50
max. Sliding panel height [GH][TH]	2500	3000	3000	3000
Mounting type	Wall, ceiling	Wall, ceiling, glass	Ceiling	Wall, ceiling, glass
Single panel				
Clear opening width [LW] min. – max.	540 – 1240	540 – 1440	540 – 1440	600 – 2440
Panel width [A]	LW + 60	LW + 60	LW + 60	LW + 60
Panel width [A] min. – max. (incl. DORMOTION / with retrofittable lock/status indicator)	600 – 1300 ²⁾ no lock/ status indicator	600 – 1500 (max. 2000*)	600 – 1500	660 ¹⁾ – 1500 (max. 2500*)
Length of track wall/ceiling	2 x A	2 x A	2xA	2 x A
Length of track [B] at glass	–	2 x A + 67	–	2 x A + 67
Double panel				
Clear width [LW] min. – max.	–	1266 – 2446	1200 – 2446	1566 – 2890
Panel width [A]	–	LW / 2 + 27	LW/2 + 27	LW / 2 + 27
Panel width [A] min. – max.	–	600 – 1250	627 – 1250	810 – 1470
Length of track [B] wall/ceiling	–	4 x A – 44	4 x A + 10	4 x A – 44
Length of track [B] at glass	–	4 x A + 12	–	4 x A + 12

¹⁾ After consultation of our Application Engineering Department: lower panel dimensions incl. DORMOTION are possible. More under "Tips and Tricks" on page 184

²⁾ After consultation with our application technology department: smaller panel dimensions possible (with DORMOTION 450 mm, without DORMOTION 400 mm)

Profile dimensions

XL = 72 x 69

Max. door weight

150 kg

Profile dimensions

Self-Closing = 100 x 69

Max. door weight

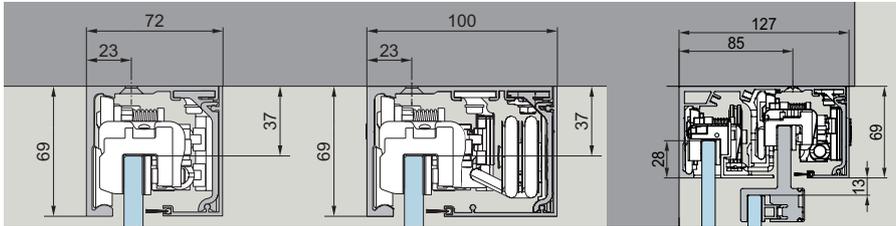
120 kg

Profile dimensions

M = 127 x 69

Max. door weight

2 x 80 Kg



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	8 – 13.5	8 – 13.5
+/- 5	+/- 5	+ 5 / - 3
28 – 50	28 – 50	28 – 50
3000	3000	3000
Wall, ceiling, glass	Wall, ceiling, glass	Wall, ceiling, glass
600 – 2440	790 – 1440	see page 104
LW + 60	LW + 60	see from page 108 onwards
660 ¹⁾ – 1500 (max. 2500*)	–	see page 104
2 x A	2 x A	see from page 108 onwards
2 x A + 67	2 x A + 67	see from page 108 onwards
1986 – 2890	1606 – 2890	see page 108
LW / 2 + 27	LW / 2 + 27	see from page 108 onwards
1020 – 1470	830 – 1470	see page 108
4 x A – 44	4 x A – 44	see from page 110 onwards
4 x A + 12	4 x A + 12	see from page 113 onwards

* For panel widths of 1500 mm and more, we recommend the use of an underfloor floor guide profile (Art.-Nr.: 36.561 / 36.562, see page 62). The glass dimensions may vary due to the following features: type of installation, glass tolerances, general use. More under "Tips and Tricks" on page 184

Aluminium, mill finish and anodized**Silver look**

150 AL anodized, Silver, satin, matte (compatible with finish 114)

Stainless Steel look

157 AL anodized, similar stainless steel, satin

Specials

199 AL anodized, special

Aluminium, powder coated**Black**

304 AL powder coated, Jet black, smooth, matte (sim. RAL 9005)

White

350 AL powder coated, Traffic white, smooth, semi gloss (sim. RAL 9016)

Specials

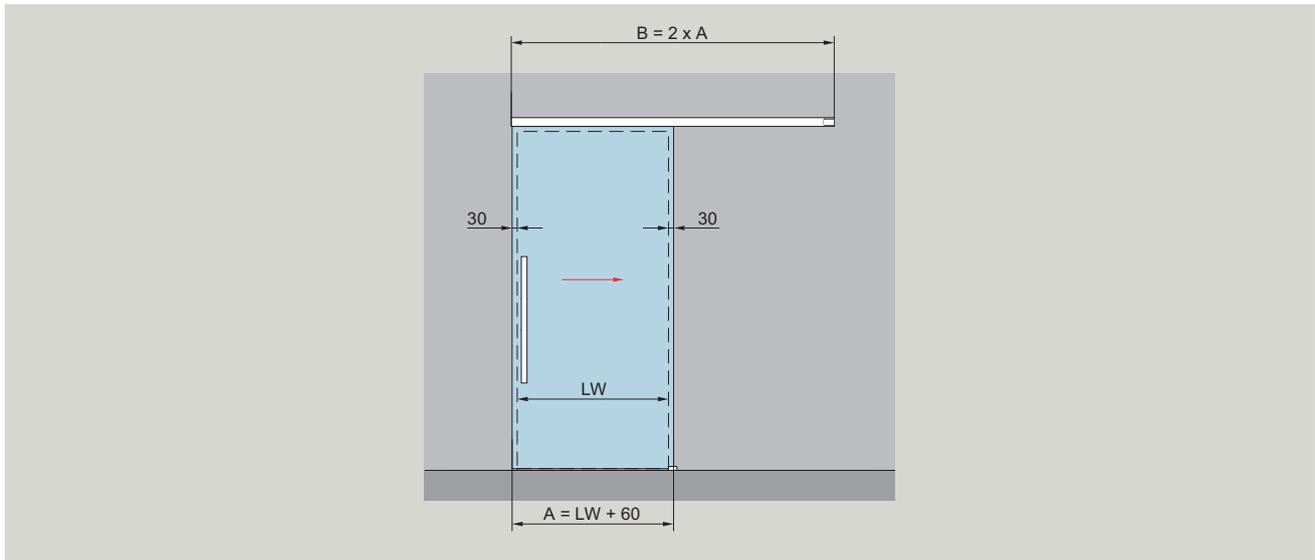
AL powder coated, Special color

399

(Standard powder according to the corresponding overview on our website. A price surcharge is possible for special colors outside the color range specified there.)

Type illustrations wall installation

NEW



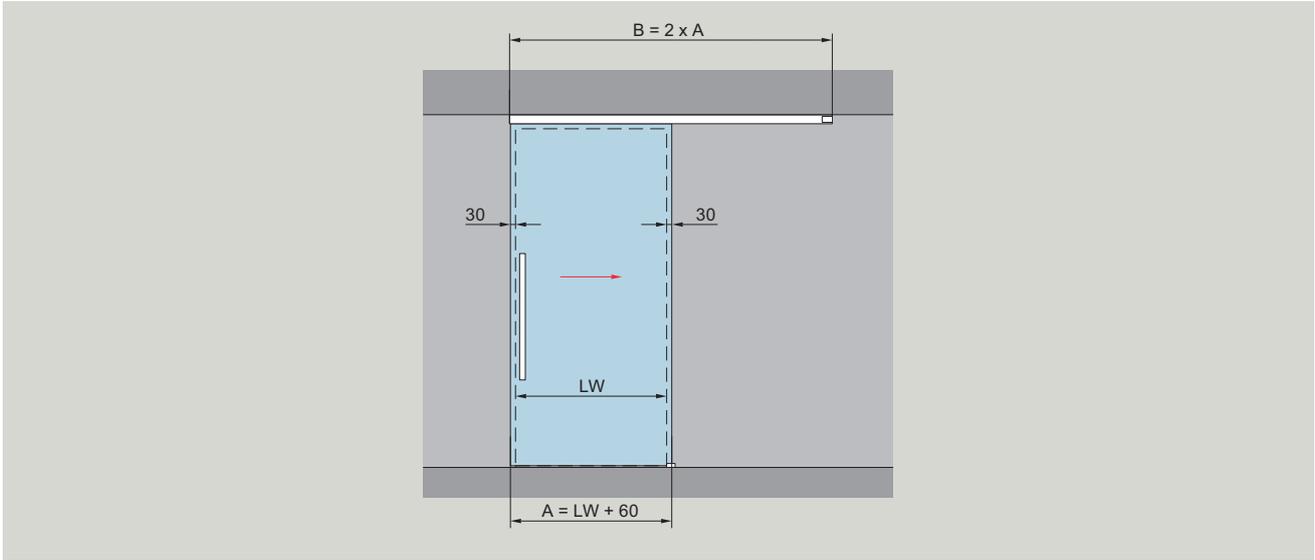
Fixed at wall	Product description	Glass thickness
	<p>For installation with one door panel</p> <p>Max. weight of door panels 60 kg</p> <p>Calculation of glass height $GH1 = LH + X + 9$ mm max. 2500 mm</p> <p>Calculation of glass width $A = LW + 60$ mm min. 600 mm (after consultation with our application technology department: smaller panel dimensions possible (with DORMOTION 450 mm, without DORMOTION 400 mm)) max. 1300 mm</p>	8 – 12

A = Glass width
 B = Length of track
 GH1 = Glass height sliding door
 LH = Clear opening height
 LW = Clear opening width

t1 = Glass thickness sliding door
 Y = 55 mm – (14 mm + t1)
 X = Freely selectable protrusion
 (depending on structural conditions)

Type illustrations ceiling installation

NEW



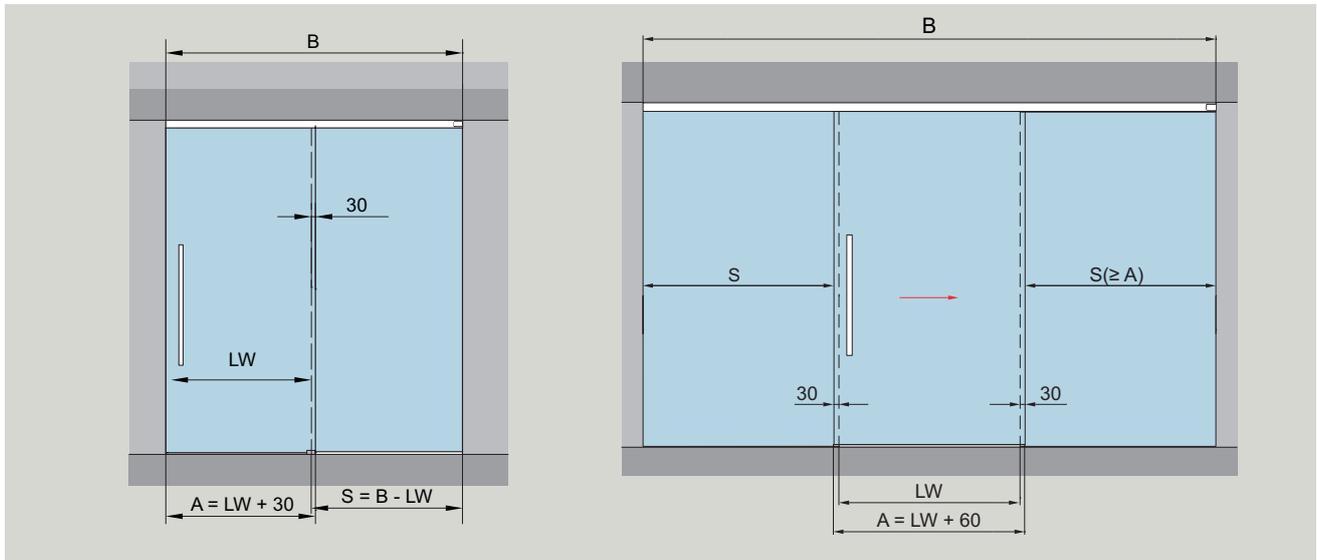
Fixed at ceiling	Product description	Glass thickness
	<p>For installation with one door panel</p> <p>Max. weight of door panels 60 kg</p> <p>Calculation of glass height GH1 = H - 49 mm max. 2500 mm</p> <p>Calculation of glass width A = LW + 60 mm min. 600 mm (after consultation with our application technology department: smaller panel dimensions possible (with DORMOTION 450 mm, without DORMOTION 400 mm)) max. 1300 mm</p>	8 - 12

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

- LW = Clear opening width
- t1 = Glass thickness sliding door
- Y = 55 mm - (14 mm + t1)

Type illustrations with side panel

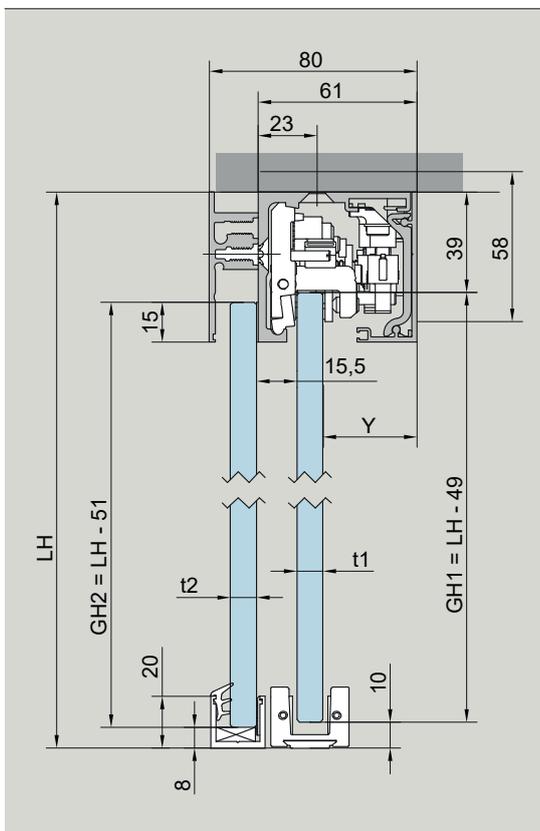
NEW



Fixed at ceiling

Product description

Glass thickness



For installation with one door panel

8 – 12

Max. weight of door panels

60 kg

Calculation of glass height

GH1 = LH - 49

GH2 = LH - 51

max. 2500 mm

Calculation of glass width

A = LW + 30 mm

min. 600 mm

(after consultation with our application technology department: smaller panel dimensions possible (with DORMOTION 450 mm, without DORMOTION 400 mm))

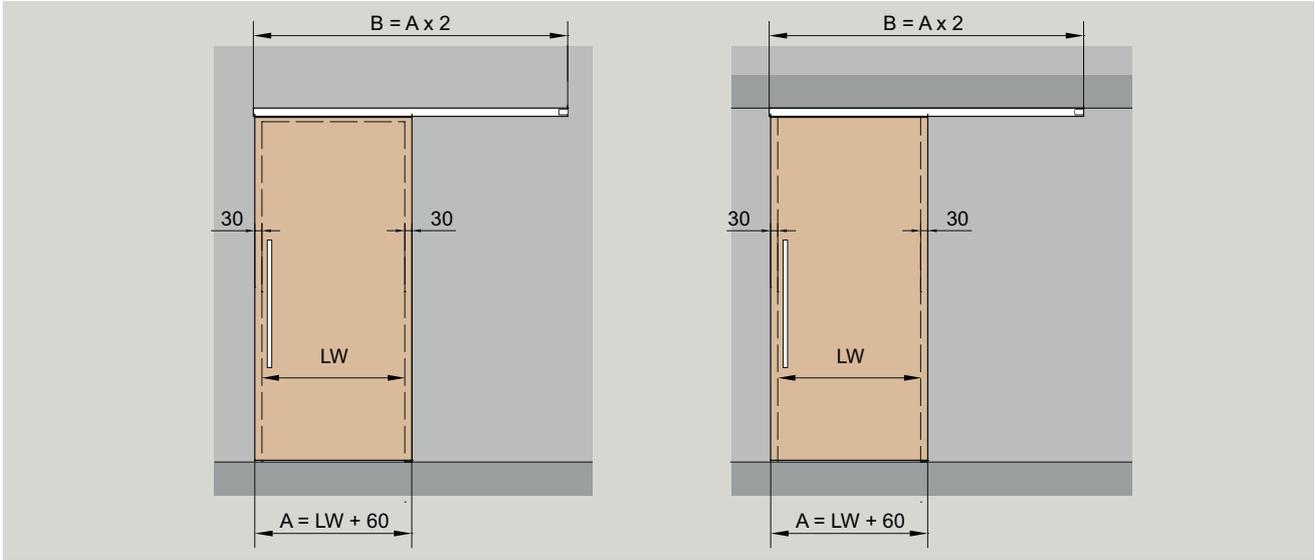
max. 1300 mm

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

- S = Glass width sidelight
- t1 = Glass thickness sliding door
- t2 = Glass thickness sidelight
- Y = 55 mm - (14 mm + t1)

Type illustrations for timber door applications

NEW



Fixed at wall	Fixed at ceiling	Product description	Wood thickness
		<p>For installation with one door panel</p> <p>Max. weight of door panels 60 kg</p> <p>Calculation of door height fixed at wall TH = LH + X - 16 max. 2500 mm</p> <p>Calculation of door height fixed at ceiling TH = LH - 74 max. 2500 mm</p> <p>Calculation of door width A = LW + 60 mm min. 600 mm (after consultation with our application technology department: smaller panel dimensions possible (with DORMOTION 450 mm, without DORMOTION 400 mm)) max. 1300 mm</p>	<p>28 – 50</p>
<p>* Timber door 100 mm solid wood for connection at timber adapter</p>			

A = Timber door width
 B = Length of track
 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

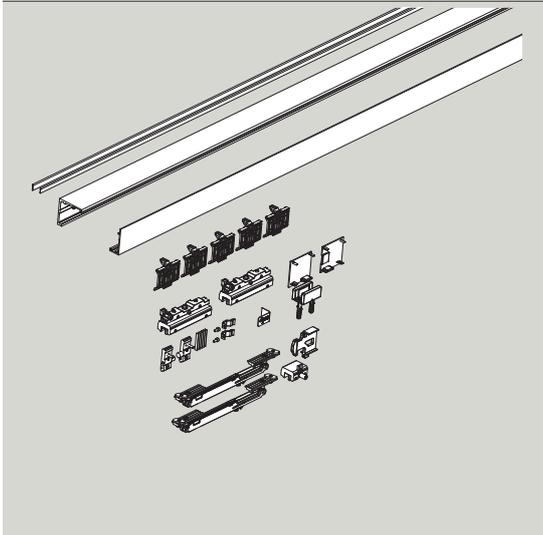


	Product description	Panel width	Profile length	Glass thickness	Art. No.
	DORMOTION MUTO unit Comfort M 60 2.0 Complete set Angled track, cover profile, accessory set, end covers max. 60 kg				
	prepared for DORMOTION				
	wall mounting	950	1900	8 - 12	37.000
		1200	2400	8 - 12	37.001
	ceiling mounting	950	1900	8 - 12	37.002
		1200	2400	8 - 12	37.003
	incl. DORMOTION*				
	wall mounting	950	1900	8 - 12	37.676
	1200	2400	8 - 12	37.007	
ceiling mounting	950	1900	8 - 12	37.008	
	1200	2400	8 - 12	37.009	

*When using a DORMOTION damping unit, we recommend installation of a pull handle.

Complete sets - individual lengths

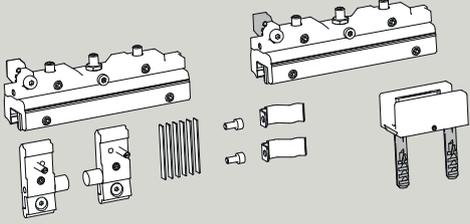
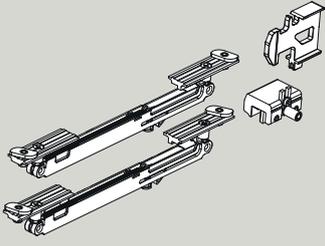
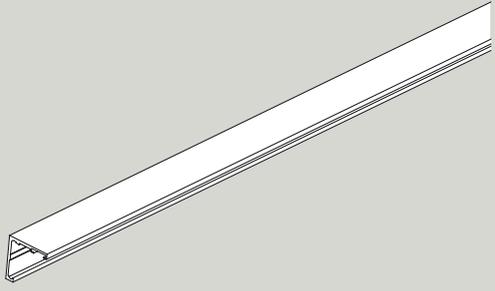
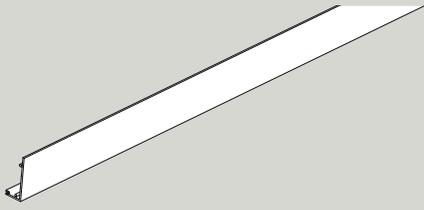
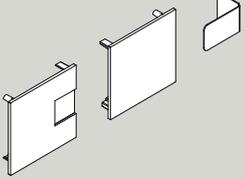


	Product description	Glass thickness	Art. No.
	MUTO Comfort M 60 complete set 2.0		
	Individual profile length up to max. 5940 mm incl. track, cover profile, accessory set, end covers		
	prepared for DORMOTION		
	Wall mounting	8 - 12	37.004
	Ceiling installation	8 - 12	37.005
	Ceiling installation with side panel incl. cover profile, side panel profile and infill profile	8 - 12	37.012
	incl. DORMOTION*		
Wall mounting	8 - 12	37.010	
Ceiling installation	8 - 12	37.011	
Ceiling installation with side panel incl. cover side panel profile and infill profile	8 - 12	37.013	

*When using a DORMOTION damping unit, we recommend installation of a pull handle.

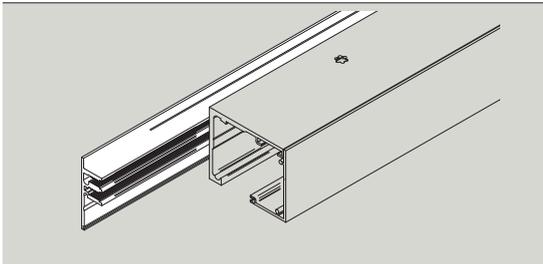
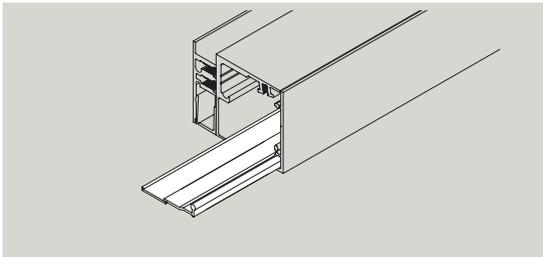
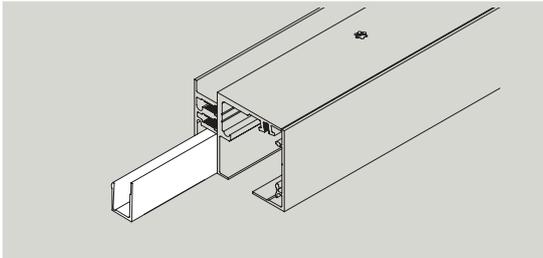
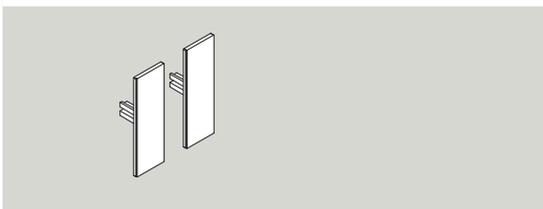
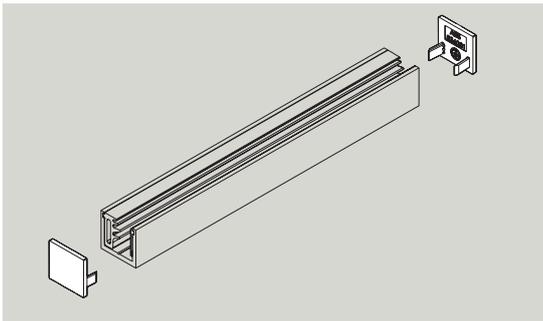
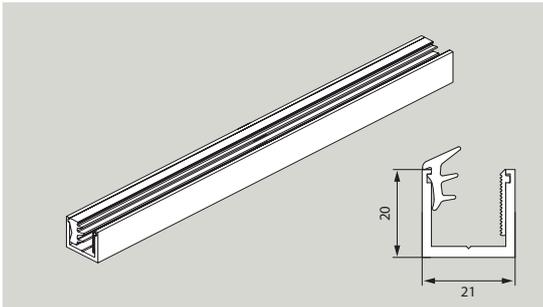
Component parts



	Product description	Art. No.
	<p>Accessory set Consisting of: 2 Clamp carriers 2 Endstops 1 Floor guide</p>	<p>37.020</p>
	<p>DORMOTION unit Panel width min. 450 mm for max. 60 kg, incl. starter</p> <p>When using a DORMOTION damping unit, we recommend installation of a pull handle.</p>	<p>37.022 Optional</p>
	<p>Track Wall mounting Stock length 6000 mm Fixed length</p> <p>Track Ceiling mounting Stock length 6000 mm Fixed length</p>	<p>37.014 37.017</p> <p>37.015 37.018</p>
	<p>Cover profile stock length 6000 mm fixed length</p>	<p>37.016 37.025</p>
	<p>MUTO Comfort M 60 2.0 Set endcaps for wall and ceiling installation</p>	<p>37.021</p>

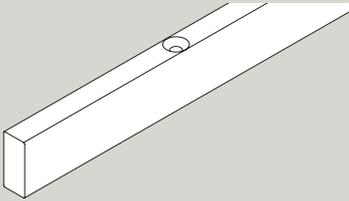
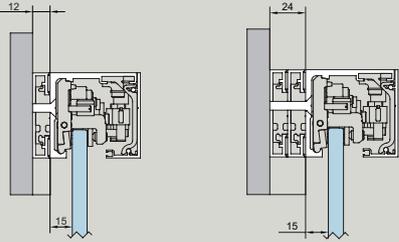
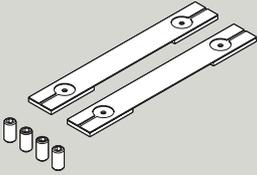
Component parts

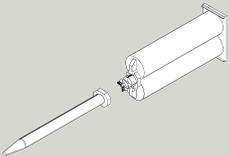
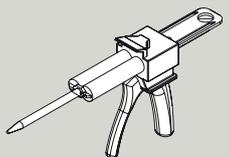
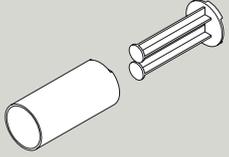
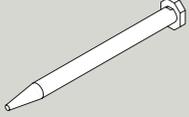
NEW

	Product description	Glass thickness	Art. No.
	MUTO Comfort M 60 2.0 + L 80 Side light profile 58 mm height, with gaskets, for 8 – 13.5 mm glass When installing between two walls, please give particular atten- tion to the width of the end covers (each 2 mm). stock length 6000 mm fixed length		36.271 36.274
	MUTO View protection profile for Comfort M, L, Premium XL and Premium Self-Closing for track rail (e.g. when using a fixed part on handle / closing side) stock length 6000 mm fixed length		36.694 36.695
	MUTO Filling profile for Comfort M, L, Premium XL and Self-Closing, for side light profile stock length 6000 mm fixed length		36.802 36.803
	MUTO Comfort M 60 2.0 + 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.)		36.273
	MUTO End caps (2 pieces) for floor profile		36.812
	MUTO Floor profile for fixing side light, with gaskets, incl. end caps stock length 6000 mm fixed length	8 – 13.5	36.810 36.811

Component parts

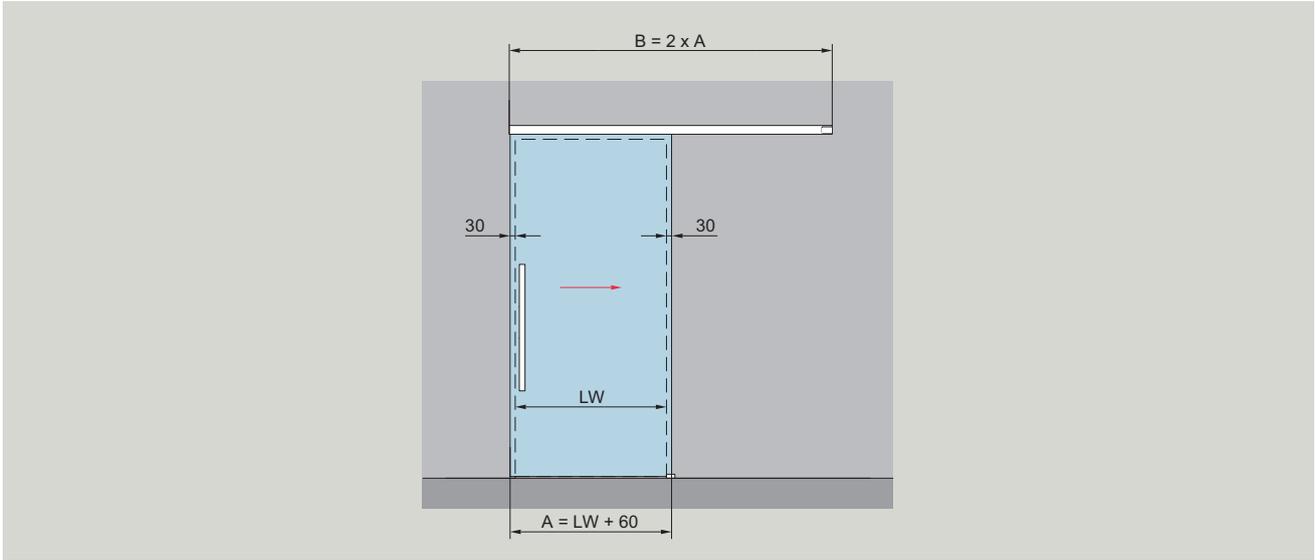
NEW

	Product description	Art. No.
	<p>MUTO Comfort M 60 2.0 Timber adapter profile 10 x 23 mm, incl. accessories (with timber floor guide) fixed length</p> <p>Please indicate the wooden door leaf width when ordering!</p>	<p>37.036</p>
	<p>MUTO Comfort - frame relining set for installation above an existing frame, for bridging the frame thickness, fixed length</p> <p>incl. 2 end caps, 12 mm incl. 4 end caps, 24 mm</p>	<p>36.872 36.873</p>
	<p>MUTO Comfort M 60 2.0 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>36.939</p>

	Product description	Art. No.
	<p>Special adhesive for use with LSG The contents of the cartridge are sufficient for 10 clamp carriers (varies if the nozzle contents have dried out!) If necessary, order additional spare nozzles (art. no. 07.630).</p>	<p>07.631</p>
	<p>Automix gun for LSG Use in combination with article 07.631</p>	<p>07.629</p>
	<p>Automix adapter for LSG Use in combination with article 07.631 (for use with a commercially available silicone syringe)</p>	<p>07.628</p>
	<p>Spare nozzle for LSG Use in combination with article 07.631</p>	<p>07.630</p>

Vertical brush seals can be found on page 182

Type illustrations wall installation

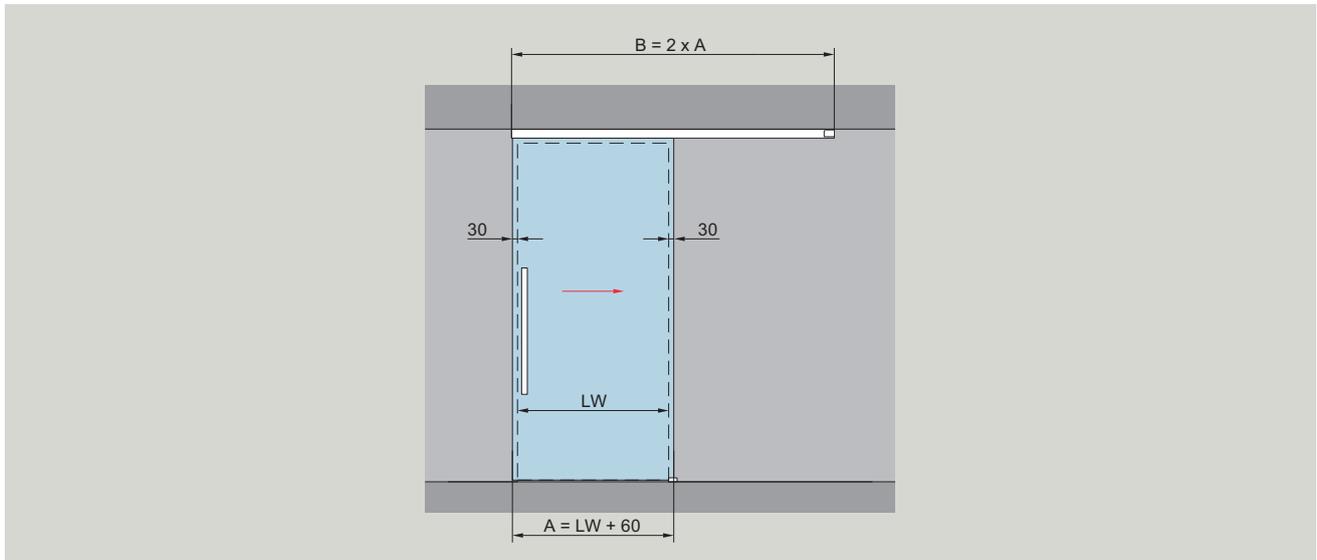


Fixed at wall	Product description	Glass thickness
<p>A detailed cross-section diagram of the sliding door mechanism. It shows the internal rollers and track components. Dimensions include: 71 mm for the track width; 58 mm for the total height of the track assembly; 24 mm and 34 mm for specific track components; 17 mm for the roller offset; Y for the roller width; 28 mm for the roller height; LH for the clear opening height; GH1 = LH + 18 + X for the total glass height; H for the total height of the door assembly; t1 for the glass thickness; 10 mm for the bottom roller offset; and X for the protrusion of the glass above the track.</p>	<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. 3000 mm</p> <p>Calculation of glass width A = LW + 60 mm min. 600 mm max. 2000 mm max. 2000 mm</p>	8 – 13.5

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

- LW = Clear opening width
- t1 = Glass thickness sliding door
- Y = 71 mm – 17 mm – t
- X = Freely selectable protrusion (depending on structural conditions)

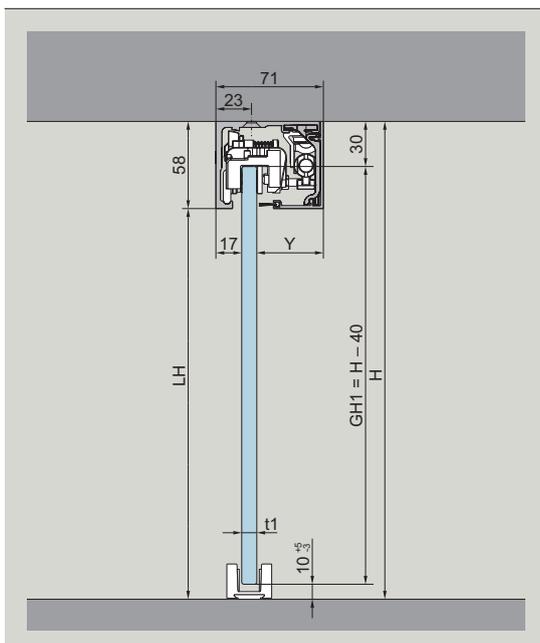
Type illustrations ceiling installation



Fixed at ceiling

Product description

Glass thickness



For installation with one door panel

8 – 13.5

Max. weight of door panels

80 kg

Calculation of glass height

$GH1 = H - 40 \text{ mm}$
max. 3000 mm

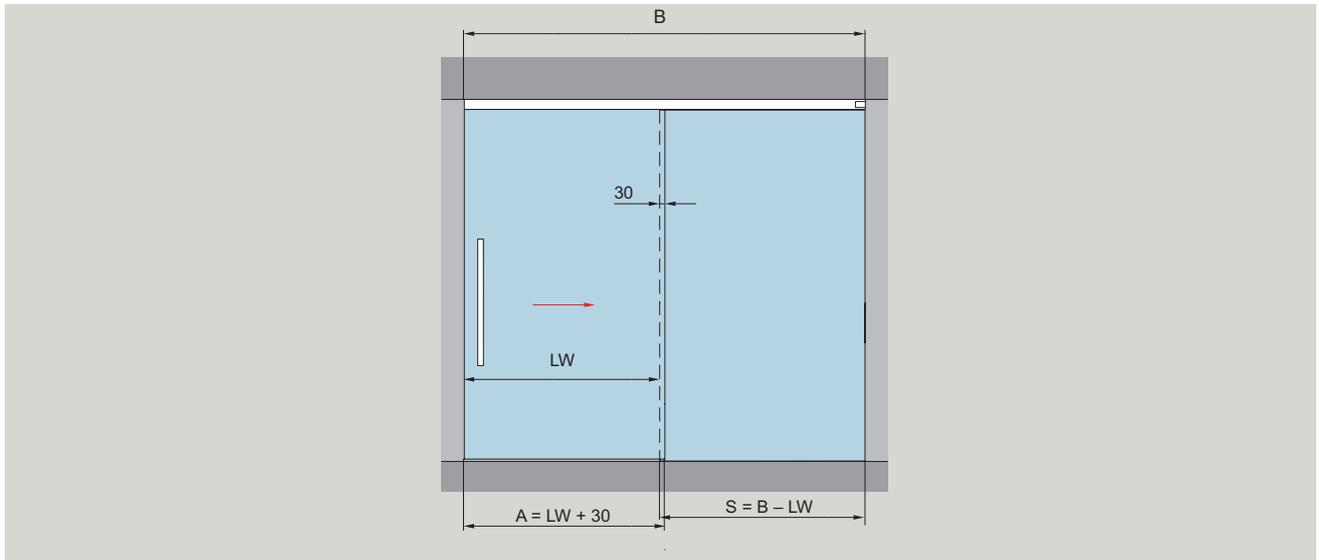
Calculation of glass width

$A = LW + 60 \text{ mm}$
min. 600 mm
max. 2000 mm
max. 2000 mm

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

LH = Clear opening height
LW = Clear opening width
t1 = Glass thickness sliding door
Y = 71 mm – 17 mm – t

Type illustrations with side panel, on one side

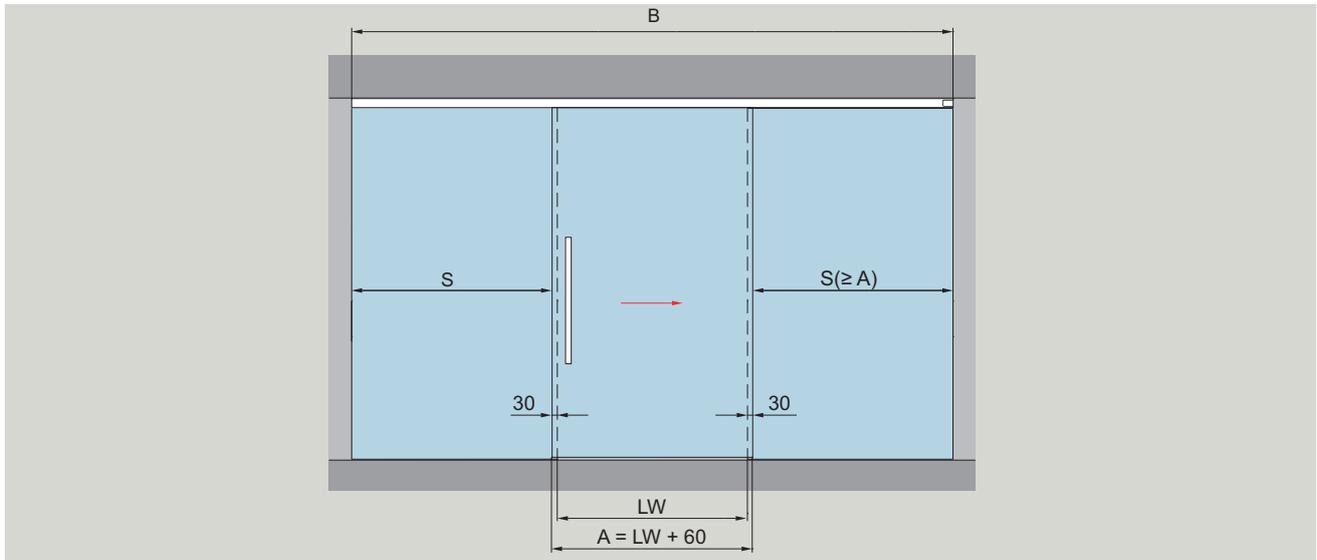


Fixed at ceiling	Product description	Glass thickness
	<p>For installation with one door panel</p> <p>Max. weight of door panels 80 kg</p> <p>Calculation of glass height GH1 = H - 40 mm GH2 = H - 51 mm max. 3000 mm</p> <p>Calculation of glass width A = LW + 30 mm min. 600 mm max. 2000 mm</p>	8 – 13.5

- 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

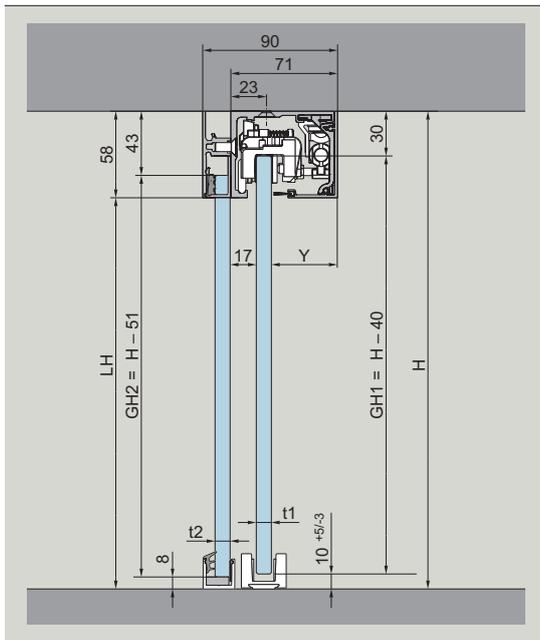
Type illustrations with sidelight on both sides



Fixed at ceiling

Product description

Glass thickness



For installation with one door panel

8 – 13.5

Max. weight of door panels

80 kg

Calculation of glass height

GH1 = H - 40 mm

GH2 = H - 51 mm

max. 3000 mm

Calculation of glass width

A = LW + 60 mm

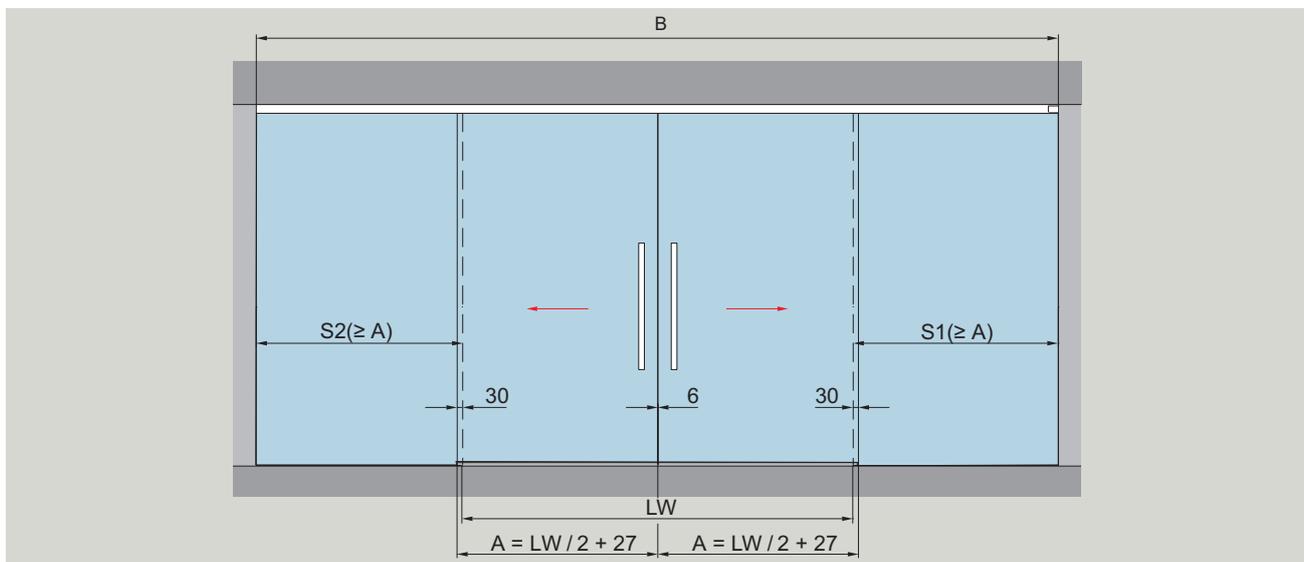
min. 600 mm

max. 2000 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 = 71 mm - 17 mm - t1

Type illustrations with two door panels with sidelights

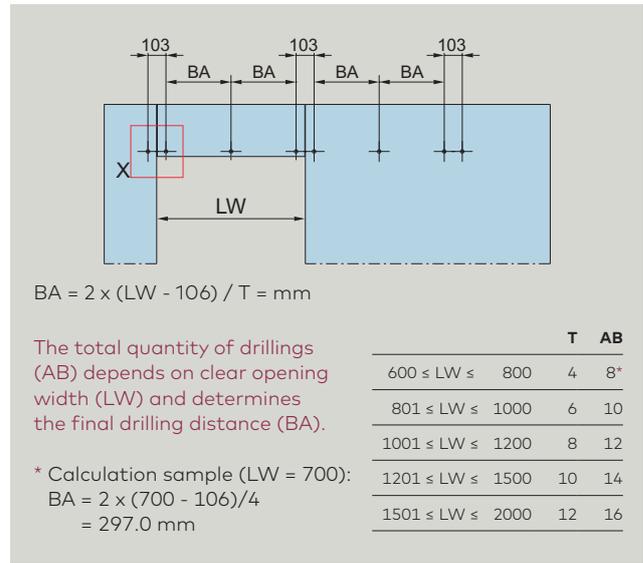
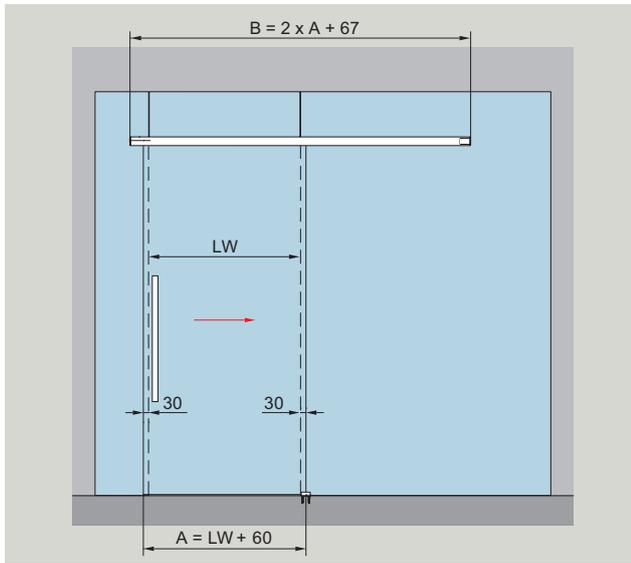


Fixed at ceiling	Product description	Glass thickness
	<p>For installation with two door panels</p> <p>Max. weight of door panels 80 kg</p> <p>Calculation of glass height GH1 = H - 40 mm GH2 = H - 51 mm max. 3000 mm</p> <p>Calculation of glass width A = LW / 2 + 27 mm min. 600 mm max. 2 x 1250 mm</p>	8 - 13.5

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

- S1/S2 = Glass width sidelight
- 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



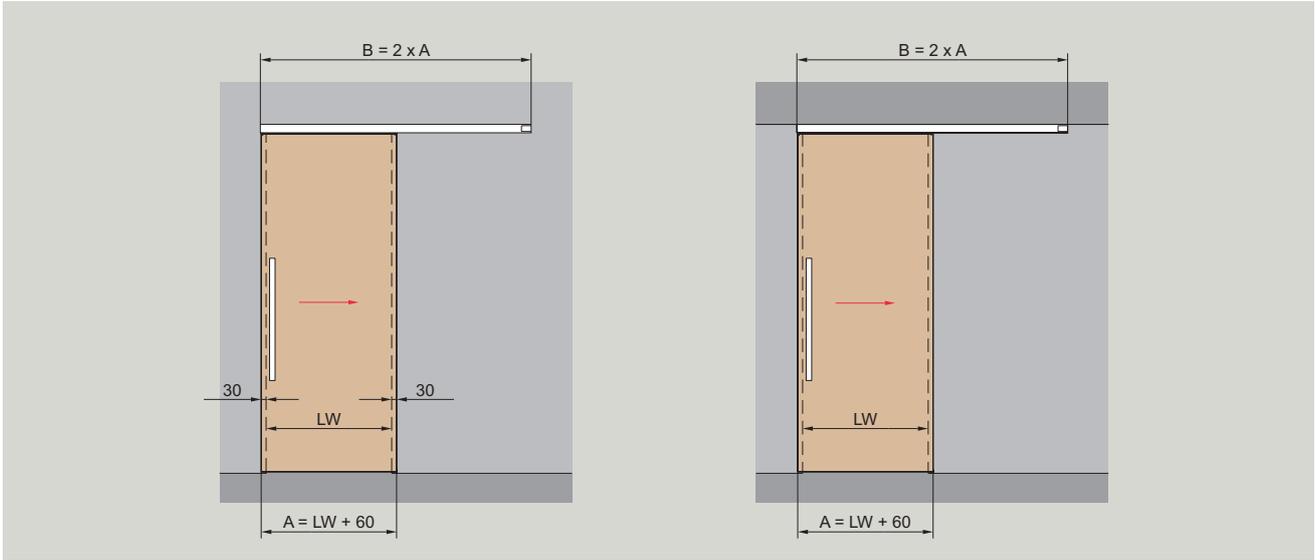
You will find a calculation tool for the glass preparation of the fixed parts MUTO on glass under the following link <https://glas-innovationen.com/glass-innovations/muto>

Glass preparation	Product description	Glass thickness
<p>Detail X</p>	For installation with one door panel Max. weight of door panels 80 kg Calculation of glass height $GH1 = LH + 18 \text{ mm}$ max. 3000 mm Calculation of glass width $A = LW + 60 \text{ mm}$	8 – 13.5

Fixed at glass	Product description	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	600 mm
	min. clear opening width without DORMOTION	600 mm
	max. glass width	2000 mm
	max. clear opening width	1940 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
- GH1 = Glass height sliding door
- 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



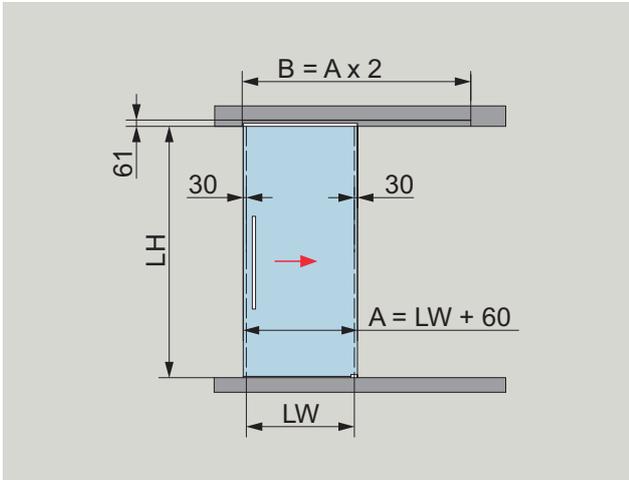
Fixed at wall	Fixed at ceiling	Product description	Wood thickness
		For installation with one door panel	28–50
		Max. weight of door panels 80 kg	
		Calculation of door height fixed at wall $TH = LH - 18 + X$ mm max. 3000 mm	
		Calculation of door height fixed at ceiling $TH = H - 76$ mm max. 3000 mm	
		Calculation of door width $A = LW + 60$ mm min. 600 mm max. 2000 mm	
* Timber door 100 mm, solid wood, for attachment to timber adapter.			

A = Timber door width
 B = Length of track
 H = Total height
 LH = Clear opening height

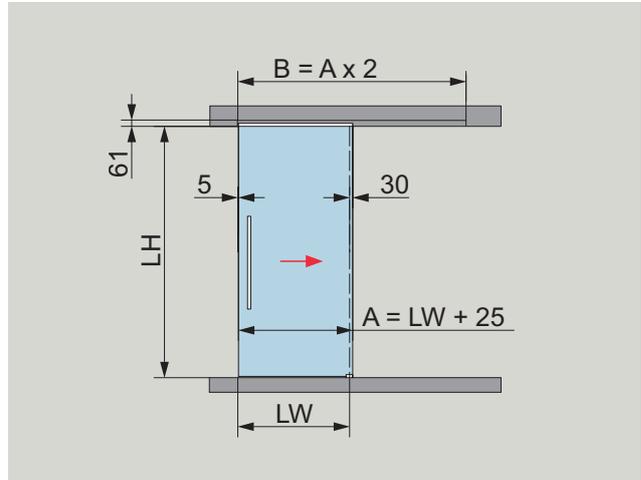
LW = Clear opening width
 TH = Door height
 U = Wood thickness
 X = Freely selectable protrusion (depending on structural conditions)

Type illustration variant ceiling slot, single panel / double panel

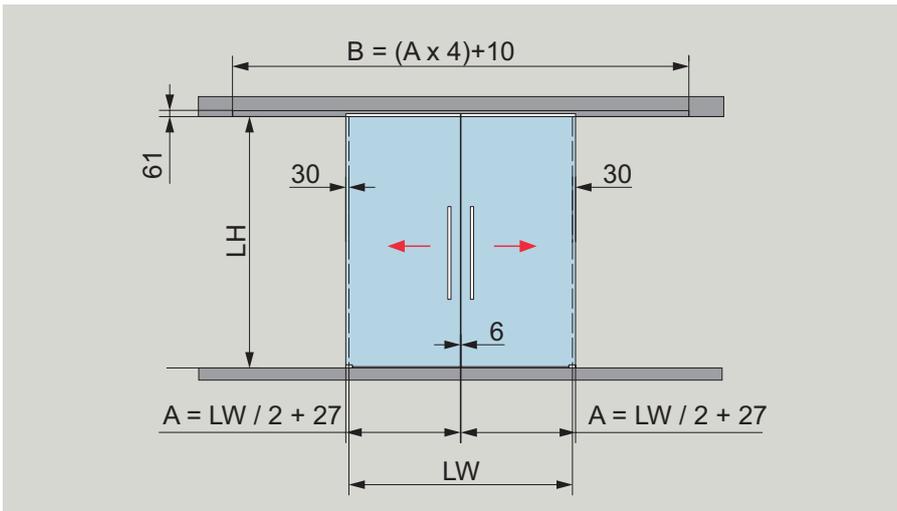
Single panel in ceiling, overlapping



Single panel in ceiling, closing on 90° wall



Two door panels in ceiling

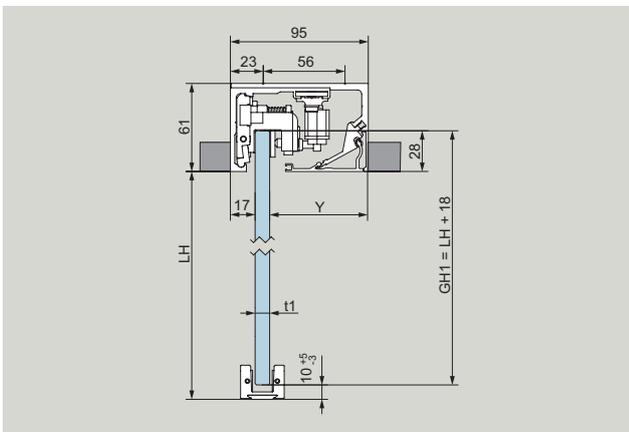


Max. weight of door panels
80 kg

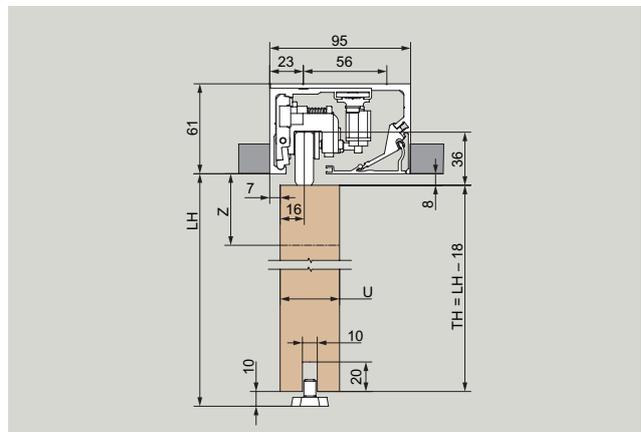
Calculation of glass height
GH1 = LH + 18 mm
max. 3000 mm

Calculation of glass width
A = LW + 60 mm bzw.
A = LW + 25 mm (glass closing on 90° wall)
min. 600 mm
max. 2000 mm
max. 2 x 1250 mm

Glass door



Timber door

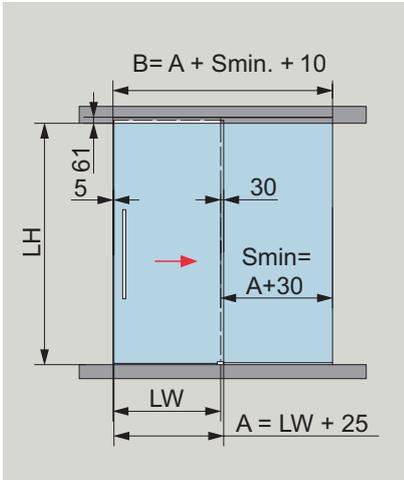


- A = Glass width
- B = Length of track, pocket- and cover profile
- GH1 = Glass height panel
- LH = Total height
- LW = Clear opening width

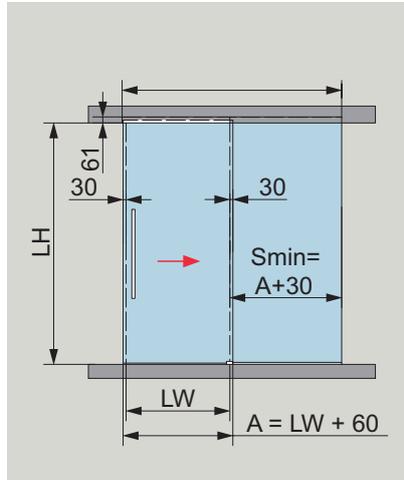
- t1 = Glass thickness panel (8 – 13.5 mm)
- Y = 95 mm – (17 mm + t1)
- U = Timber door thickness (28 – 50 mm)
- Z = 100 mm Solid wood (wooden adapter)

Type illustration variant ceiling slot with sidelights, single panel / double panel

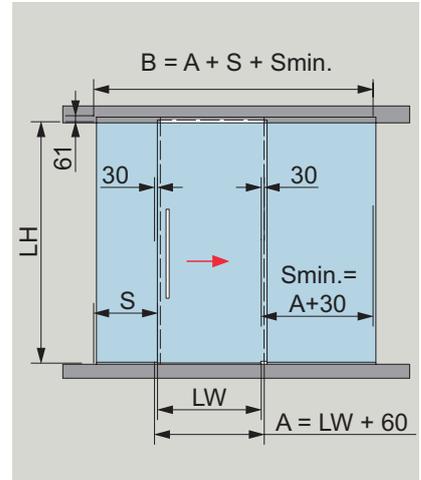
Single panel with sidelight, running / closing on 90° wall



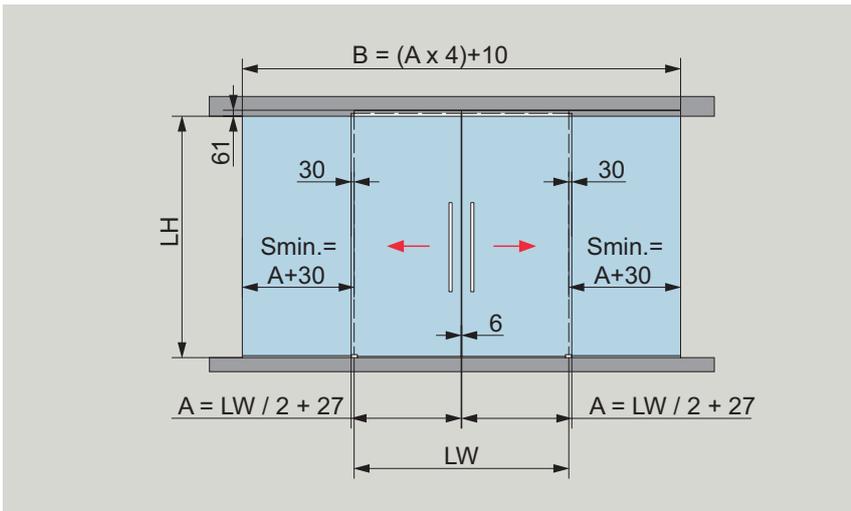
Single panel with sidelight, overlapping



Single panel in ceiling, with two sidelights



Two door panels in ceiling, with sidelight

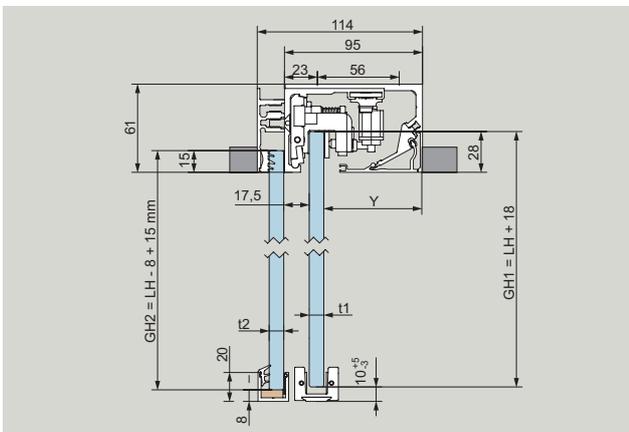


Max. weight of door panels
80 kg

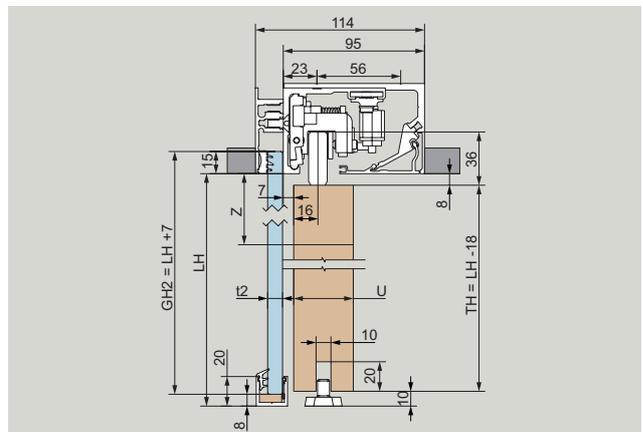
Calculation of glass height
GH1 = LH + 18 mm
GH2 = LH - 8 + 15 mm
max. 3000 mm

Calculation of glass width
A = LW + 60 mm
A = LW + 25 mm (glass in front of running the wall)
A = LW / 2 + 27 mm (double panel)
min. 600 mm
max. 2000 mm
max. 2 x 1250 mm

Glass door



Timber door



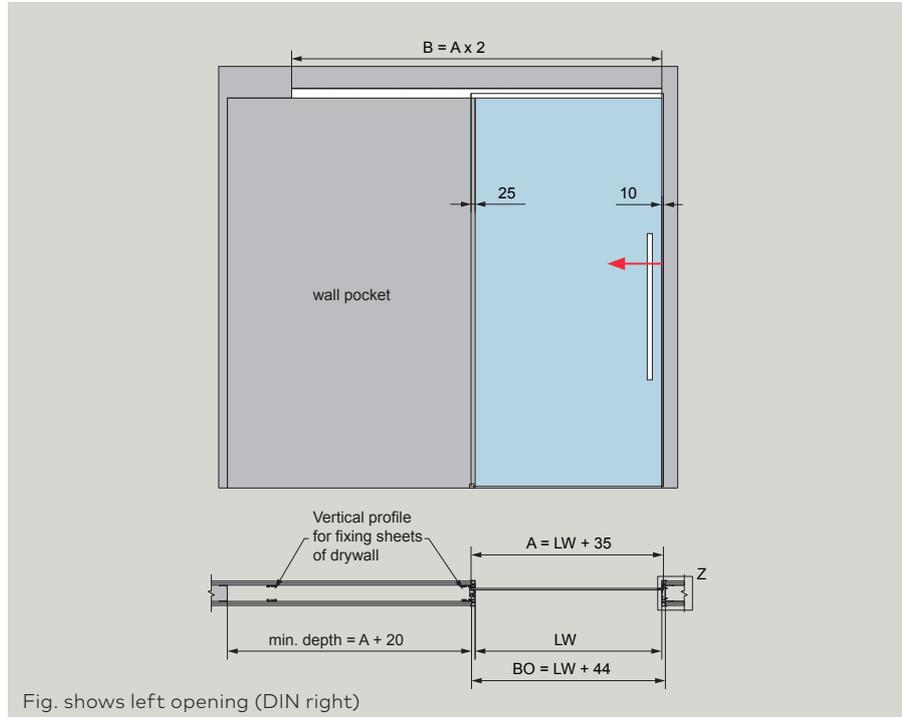
A = Glass width
B = Length of track, pocket- and cover profile
GH1 = Glass height panel
GH2 = Glass height sidelight

LH = Total height
LW = Clear opening width
t1 = Glass thickness panel (8 – 13.5 mm)
t2 = Glass thickness sidelight (8 – 13.5 mm)

S = Glass width sidelight
Y = 95 mm – (17 mm + t1)
U = Holztürdicke (28 – 50mm)
Z = 100 mm Solid wood (wooden adapter)

Type illustration variant in wall pocket

single panel with DORMA-Glas wall pocket kit

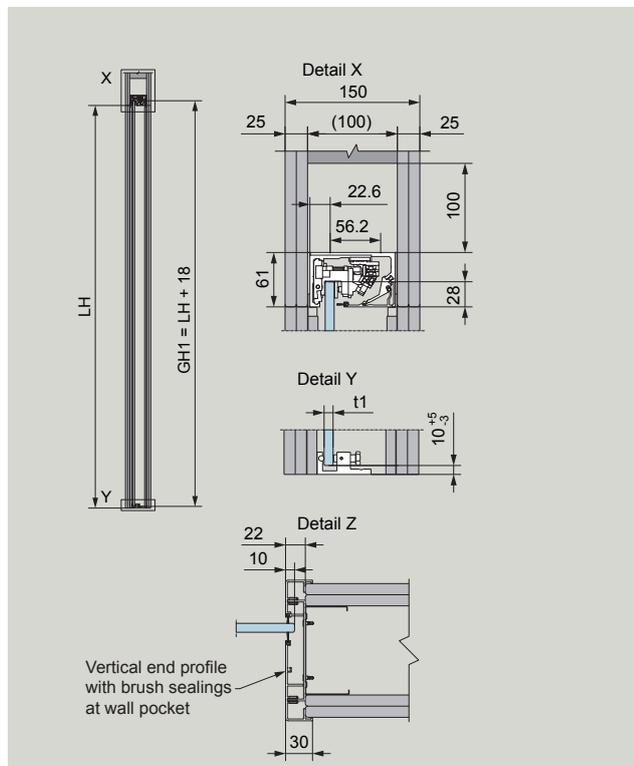


Max. weight of door panels
80 kg

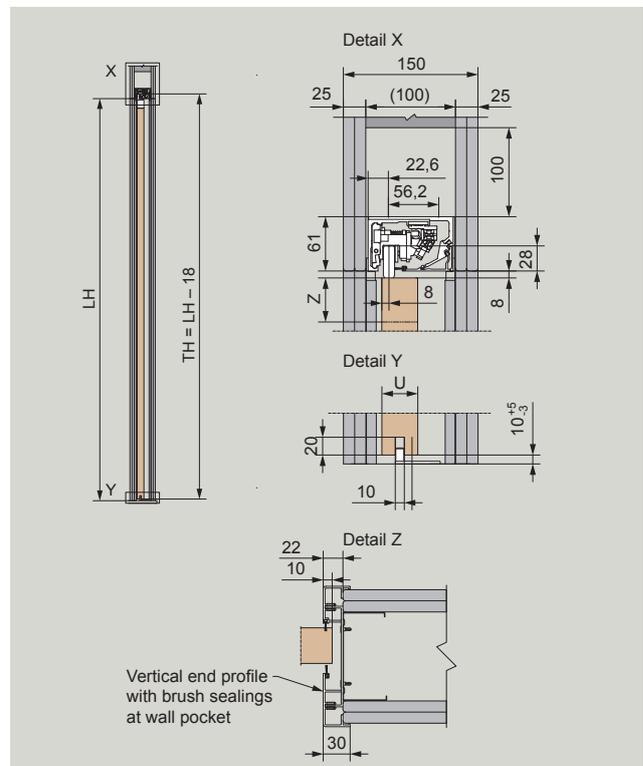
Calculation of glass height
GH1 = LH + 18 mm
max. 3000 mm

Calculation of glass width
A = LW + 35 mm
min. 600 mm
max. 2000 mm

Glass door



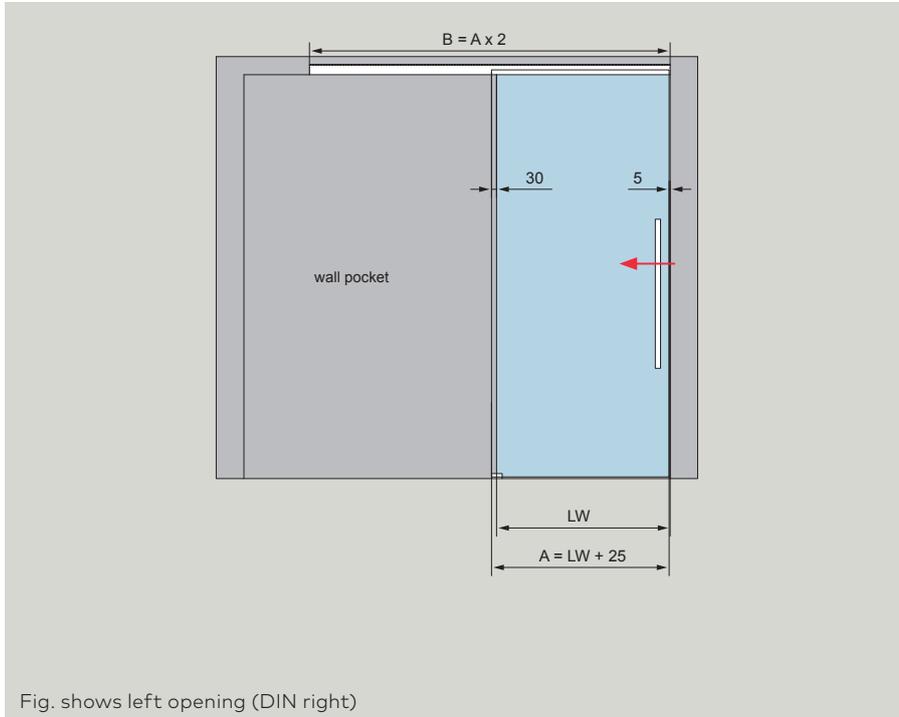
Timber door



- A = Glass width
- B = Length of track, pocket- and cover profile
- BO = Building opening
- GH1 = Glass height panel
- LH = Total height

- LW = Clear opening width
- t1 = Glass thickness panel (8 – 13.5 mm)
- Y = 95 mm – (17 mm + t1)
- U = Timber door thickness (28 – 40 mm)
- Z = 100 mm Solid wood (wooden adapter)

single panel with on-site wall pocket kit



Max. weight of door panels

80 kg

Calculation of glass height

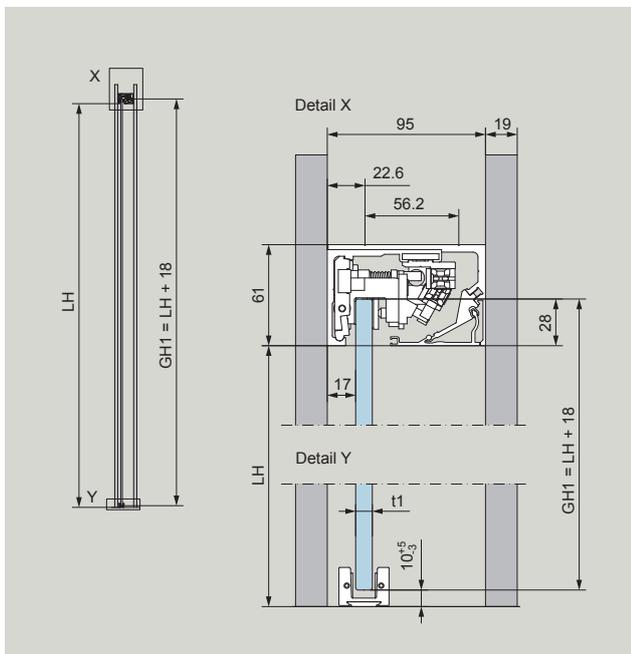
GH1 = LH + 18 mm
max. 2800 mm

Calculation of glass width

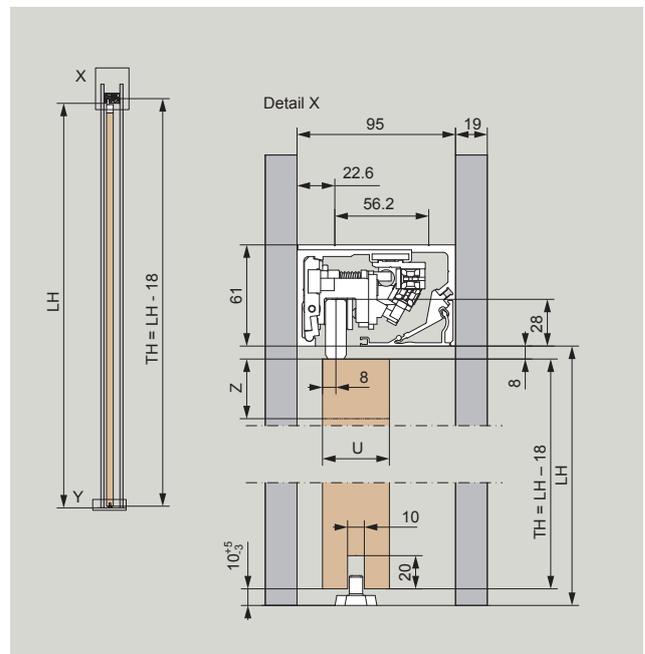
A = LW + 25 mm
min. 600 mm
max. 1500 mm

Fig. shows left opening (DIN right)

Glass door



Timber door

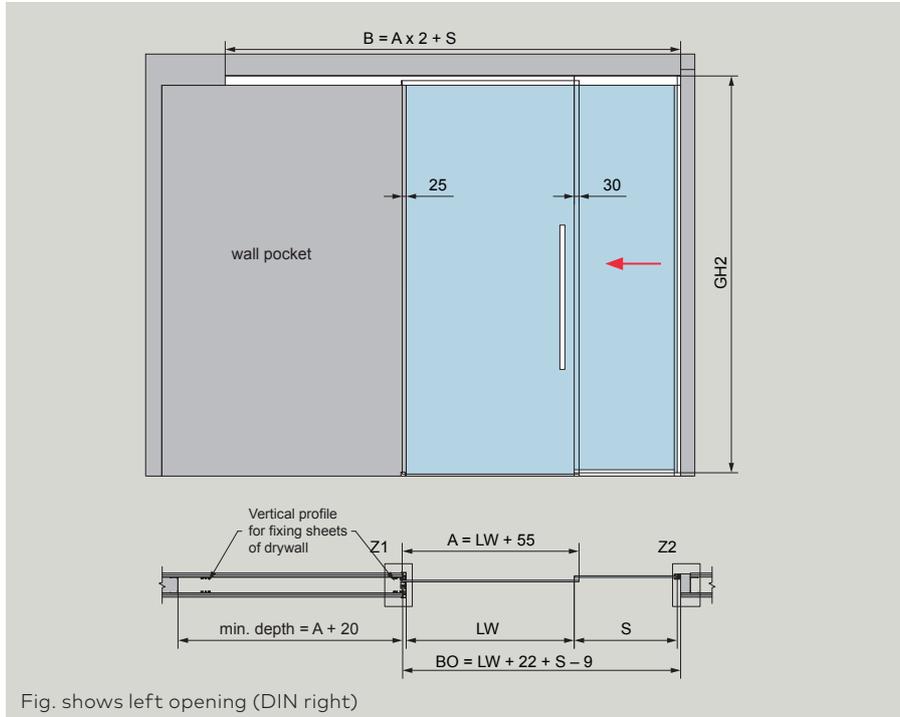


- A = Glass width
- B = Length of track, pocket- and cover profile
- GH1 = Glass height panel
- LH = Total height
- LW = Clear opening width

- t1 = Glass thickness panel (8 – 13.5 mm)
- Y = 95 mm – (17 mm + t1)
- U = Timber door thickness (28 – 40 mm)
- Z = 100 mm Solid wood (wooden adapter)

Type illustration variant in wall pocket, with sidelight

single panel with sidelight and DORMA-Glas wall pocket kit



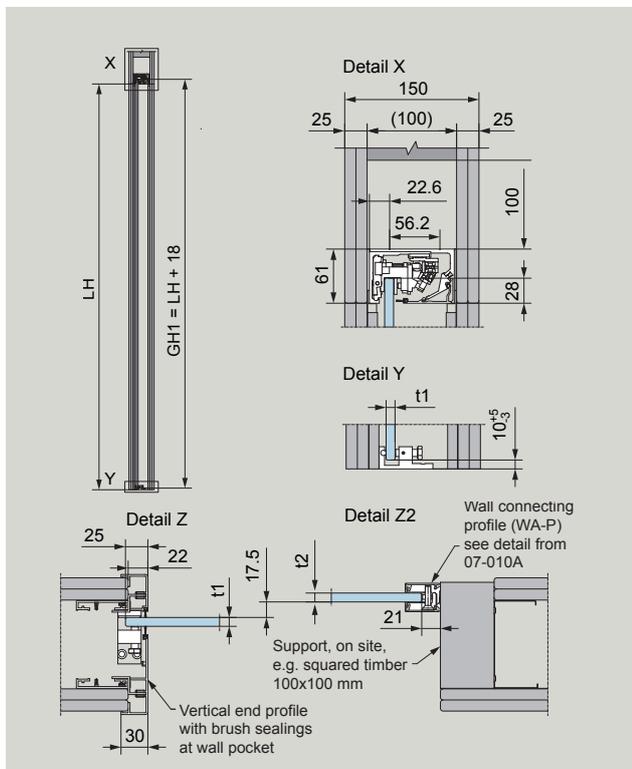
Max. weight of door panels
80 kg

Calculation of glass height
GH1 = LH + 18 mm
max. 3000 mm

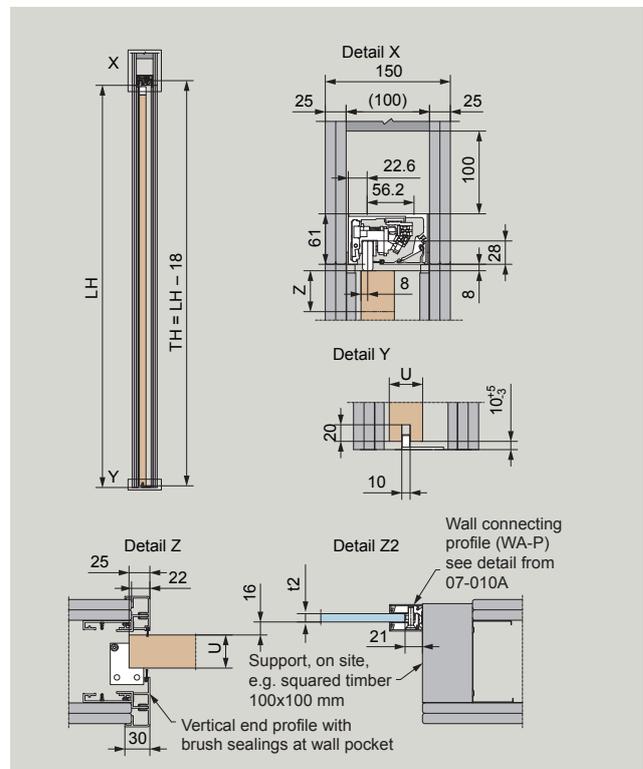
Calculation of glass width
A = LW + 55 mm
min. 600 mm
max. 2000 mm

Fig. shows left opening (DIN right)

Glass door



Timber door



- A = Glass width
- B = Length of track, pocket- and cover profile
- BO = Building opening
- GH1 = Glass height panel

- GH2 = Glass height sidelight
- LH = Total height
- LW = Clear opening width
- t1 = Glass thickness panel (8 – 13.5 mm)
- t2 = Glass thickness sidelight (8 – 13.5 mm)

- S = Glass width sidelight
- Y = 95 mm – (17 mm + t1)
- U = Timber door thickness (28 – 40 mm)
- Z = 100 mm Solid wood (wooden adapter)

single panel with on-site wall pocket kit

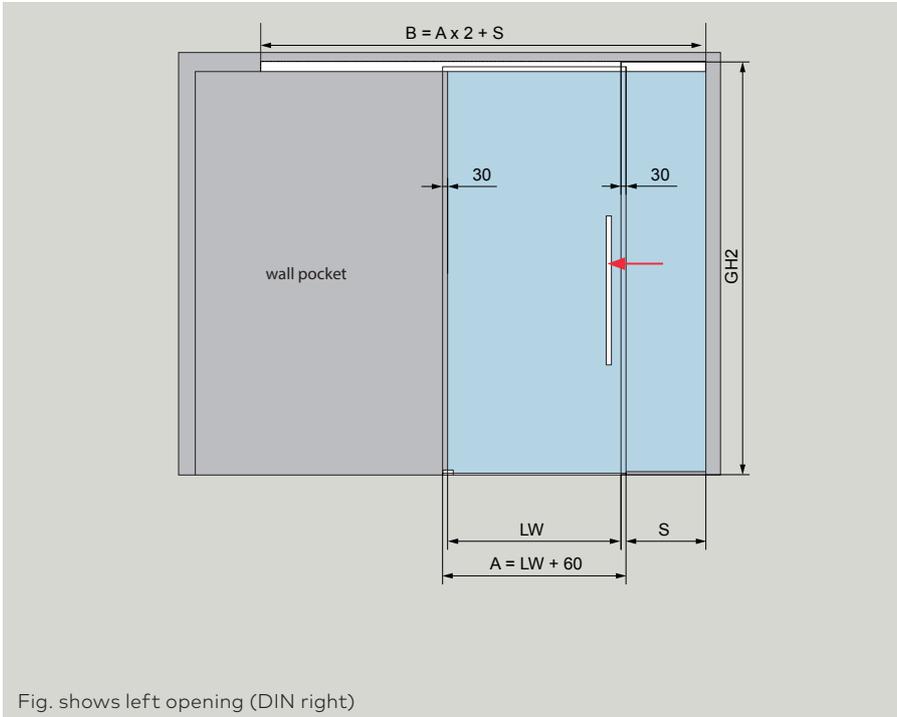


Fig. shows left opening (DIN right)

Max. weight of door panels

80 kg

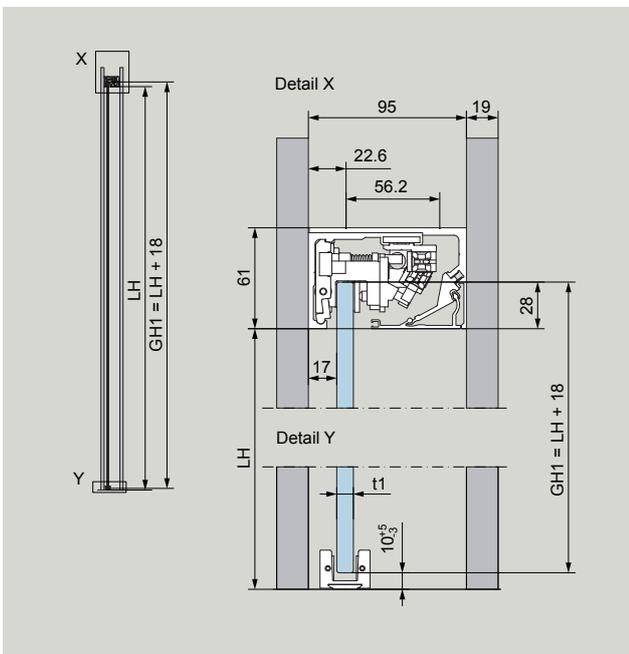
Calculation of glass height

GH1 = LH + 18 mm
max. 2800 mm

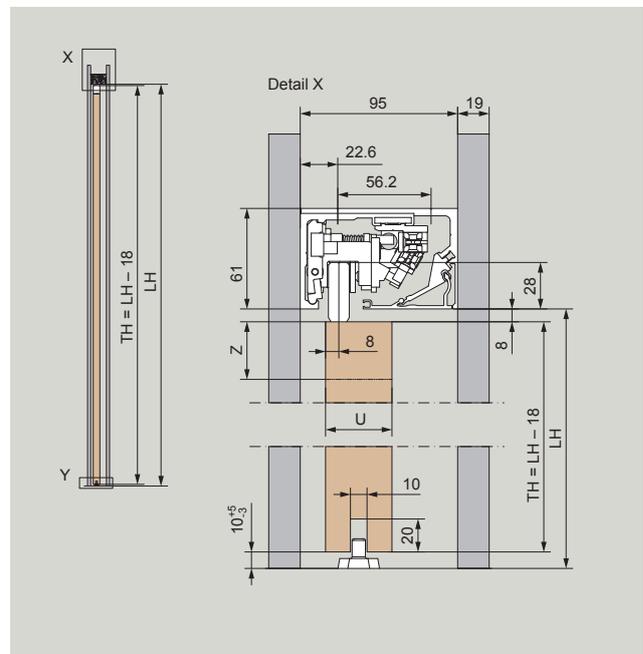
Calculation of glass width

A = LW + 60 mm
min. 600 mm
max. 1500 mm

Glass door



Timber door



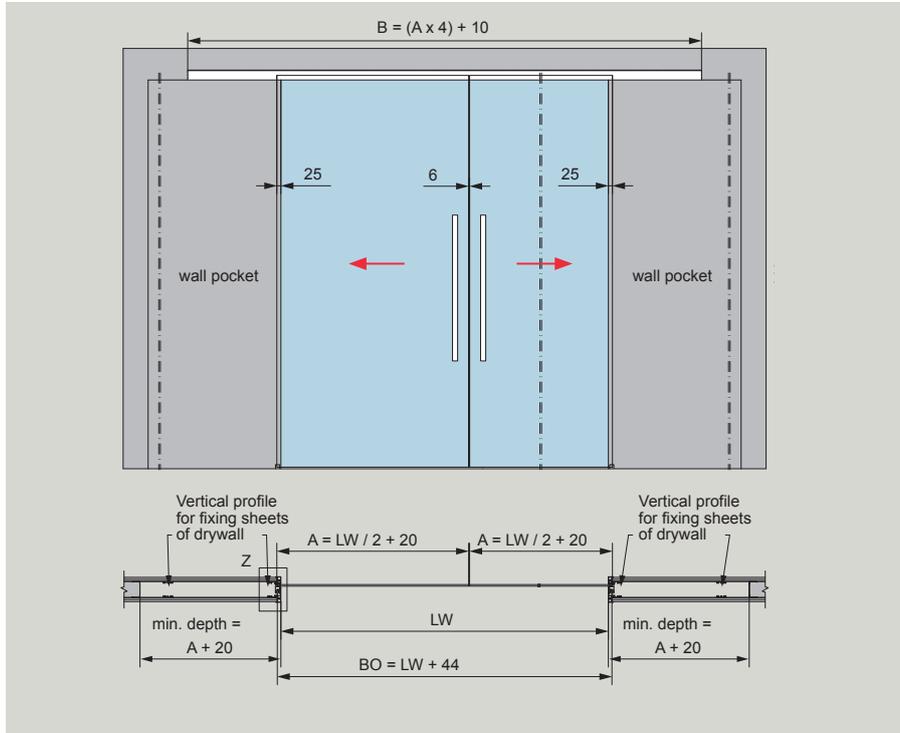
- A = Glass width
- B = Length of track, pocket- and cover profile
- GH1 = Glass height panel
- GH2 = Glass height sidelight

- LH = Total height
- LW = Clear opening width
- t1 = Glass thickness panel (8 – 13.5 mm)
- t2 = Glass thickness sidelight (8 – 13.5 mm)
- S = Glass width sidelight

- Y = 95 mm – (17 mm + t1)
- U = Timber door thickness (28 – 40 mm)
- Z = 100 mm Solid wood (wooden adapter)

Type illustration variant in wall pocket

double panel with DORMA-Glas wall pocket kit

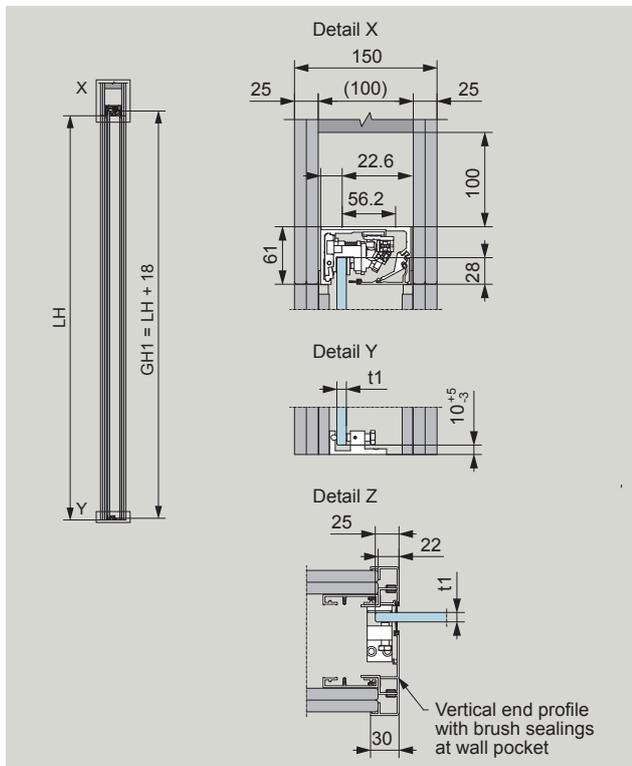


Max. weight of door panels
80 kg

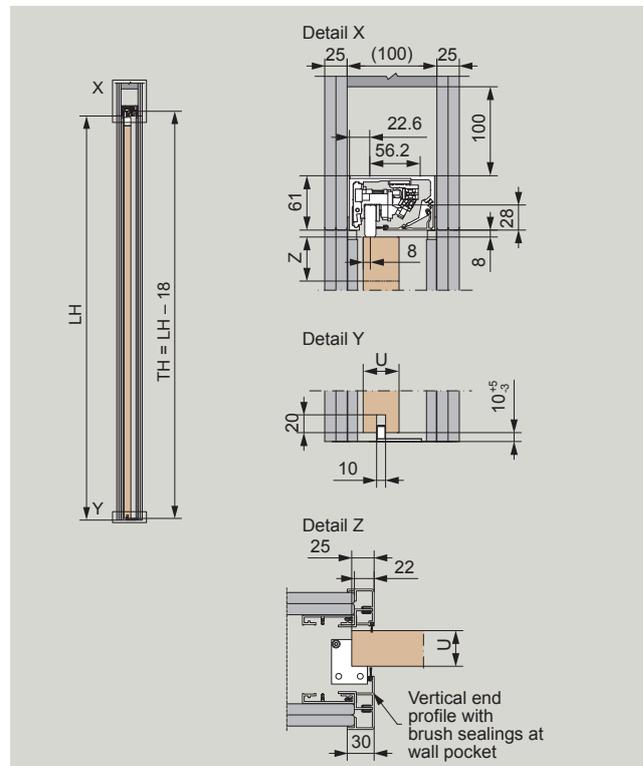
Calculation of glass height
GH1 = LH + 18 mm
max. 3000 mm

Calculation of glass width
A = LW / 2 + 20 mm
min. 600 mm
max. 1500 mm
max. 2 x 1250 mm

Glass door



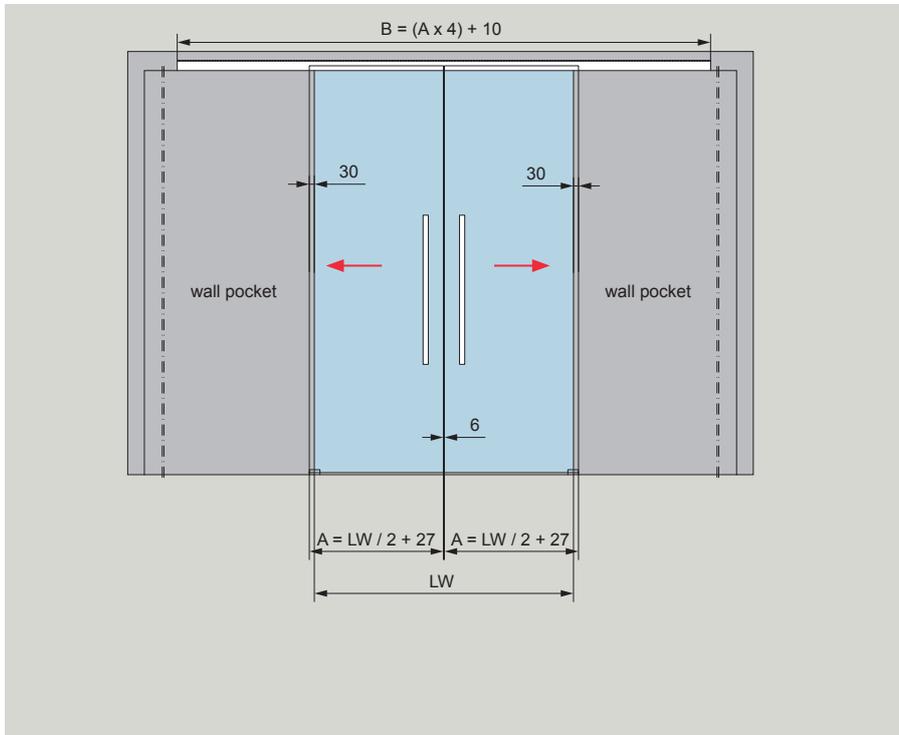
Timber door



- A = Glass width
- B = Length of track, pocket- and cover profile
- GH1 = Glass height panel
- LH = Total height
- LW = Clear opening width

- t1 = Glass thickness panel (8 – 13.5 mm)
- Y = 95 mm – (17 mm + t1)
- U = Timber door thickness (28 – 40 mm)
- Z = 100 mm Solid wood (wooden adapter)

double panel with on-site wall pocket kit



Max. weight of door panels

80 kg

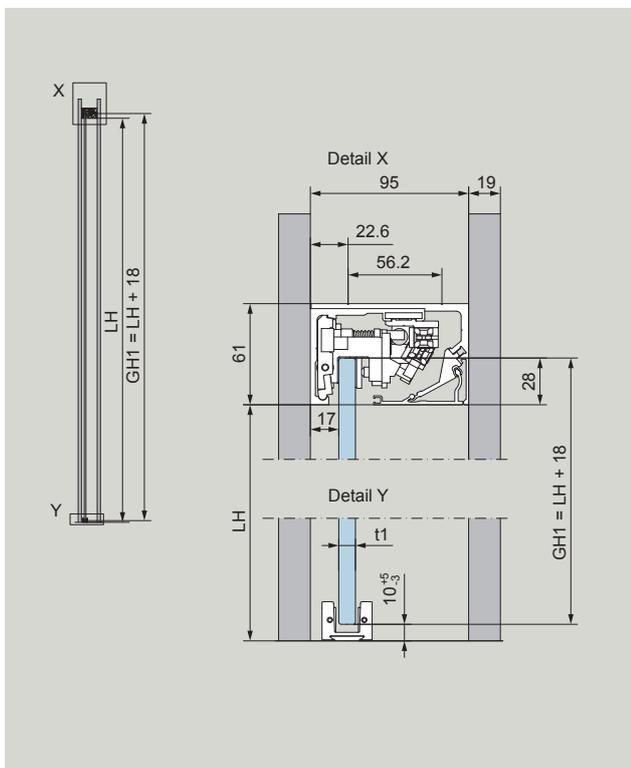
Calculation of glass height

GH1 = LH + 18 mm
max. 2800 mm

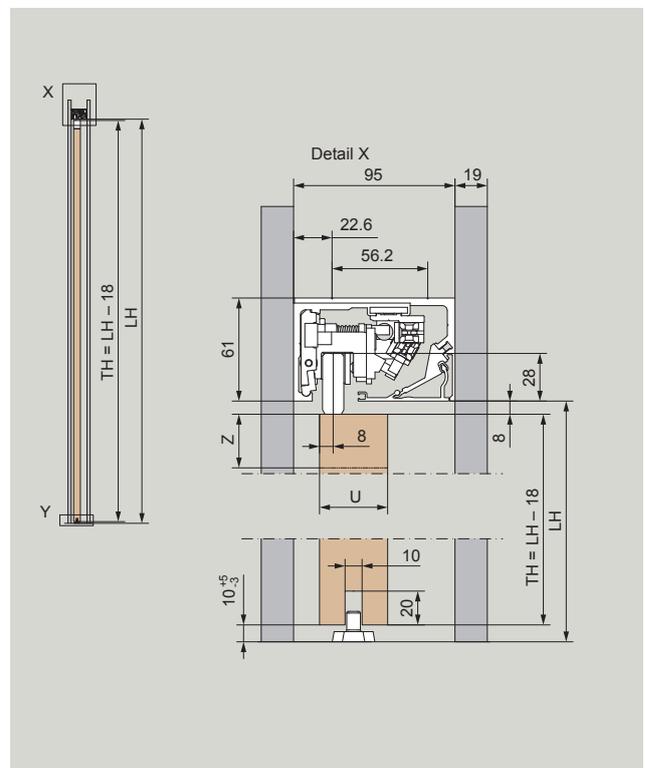
Calculation of glass width

A = LW / 2 + 27mm
min. 600 mm
max. 1500 mm
max. 2 x 1250 mm

Glass door



Timber door

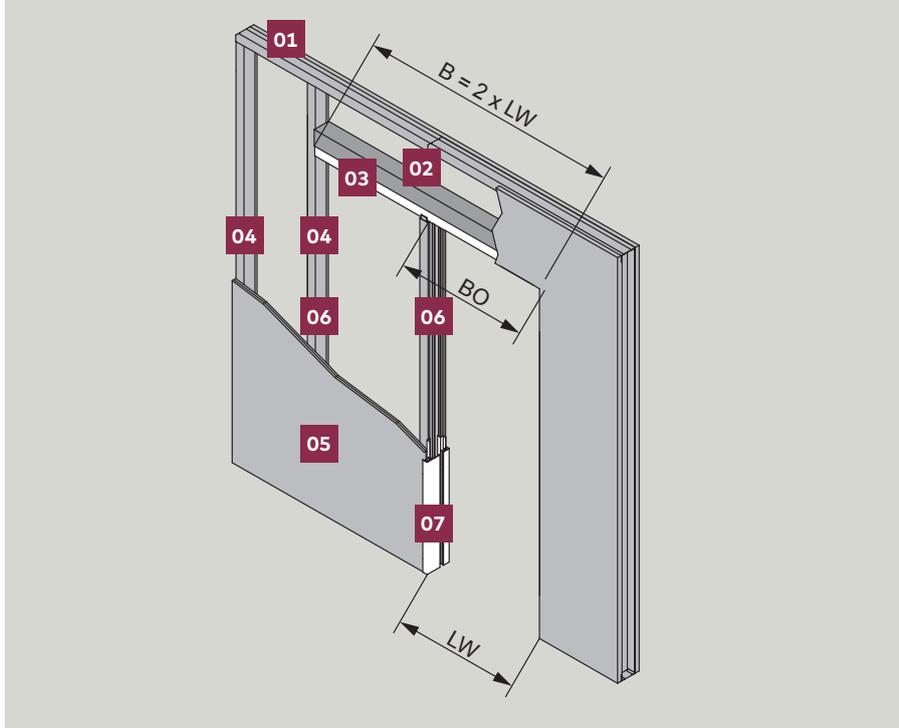


- A = Glass width
- B = Length of track, pocket- and cover profile
- GH1 = Glass height panel
- LH = Total height
- LW = Clear opening width

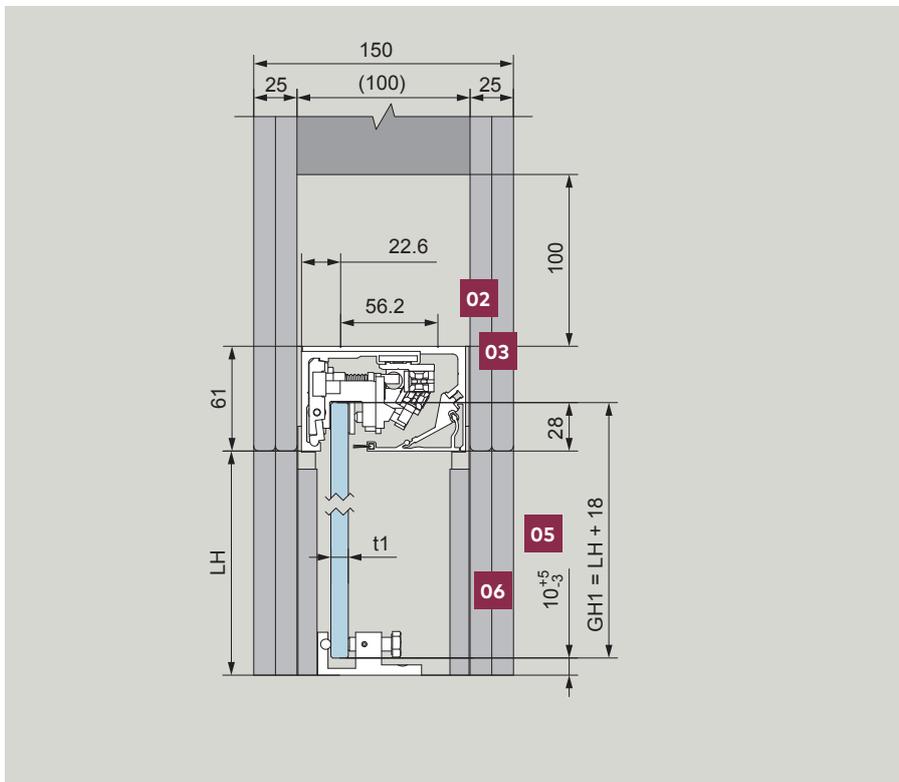
- t1 = Glass thickness panel (8 – 13.5 mm)
- Y = 95 mm – (17 mm + t1)
- U = Timber door thickness (28 – 40 mm)
- Z = 100 mm Solid wood (wooden adapter)

Type illustration variant in wall pocket

DORMA-Glas wall pocket kit for glass doors



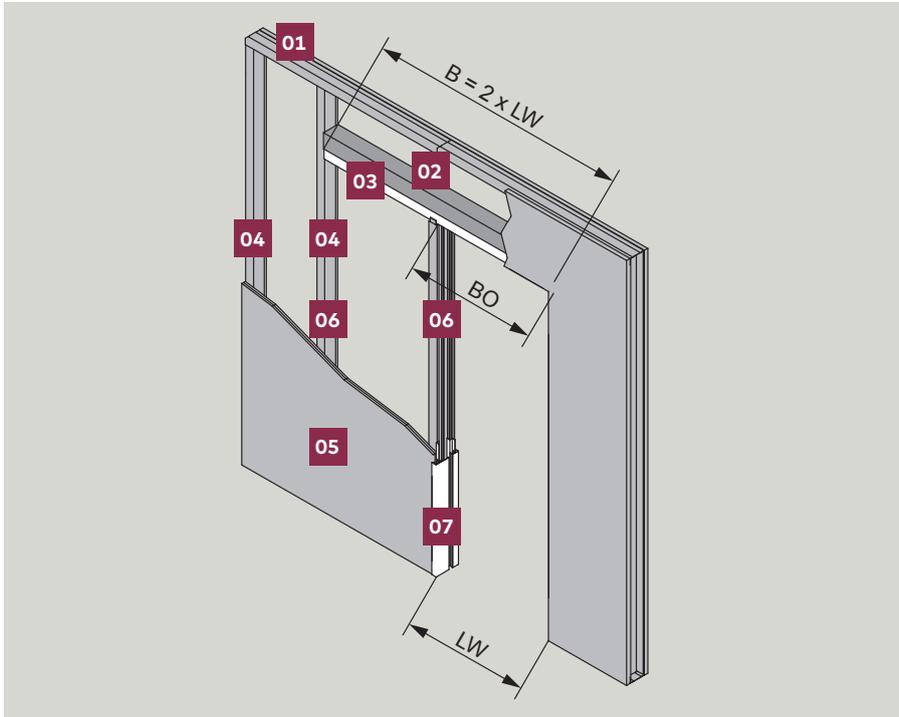
- 01** Drywall construction profile, on site
- 02** Support, on site, e.g. squared timber 100 x 100 mm
- 03** MUTO Comfort L80 track profile
- 04** drywall construction profile, on site
- 05** sheet of drywall, on site
- 06** Vertical profile for fixing sheets of drywall
- 07** Vertical profile with brush sealings



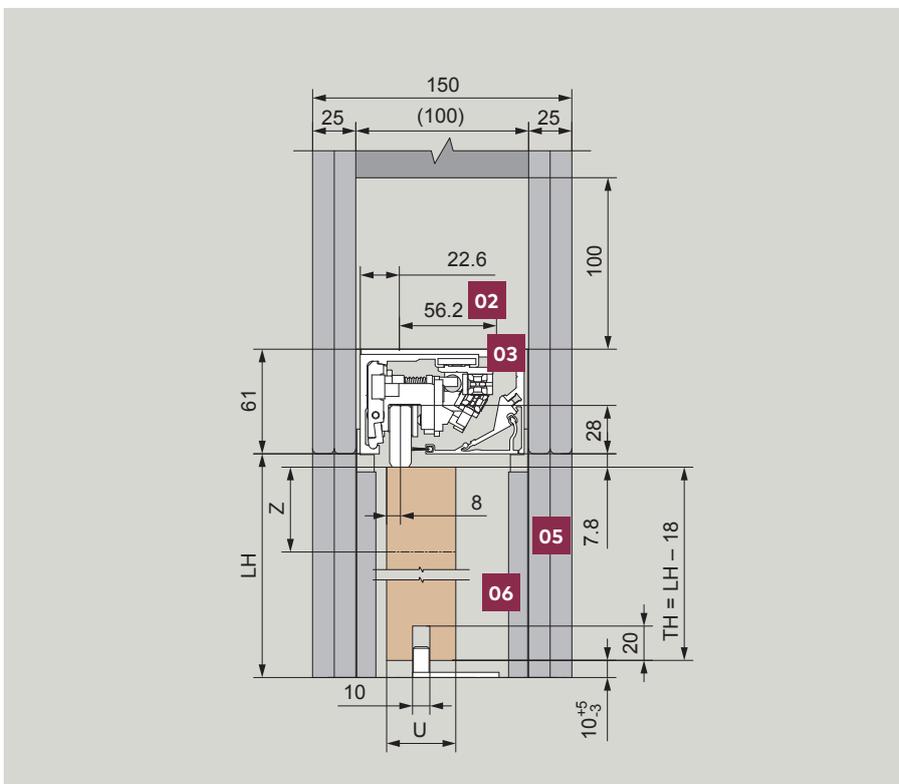
- A = Glass width
- B = Length of track, pocket- and cover profile
- GH1 = Glass height panel
- LH = Total height
- LW = Clear opening width

- t1 = Glass thickness panel (8 – 13.5 mm)
- Y = 95 mm – (17 mm + t1)
- BO = Building opening

DORMA-Glas wall pocket kit for wooden doors

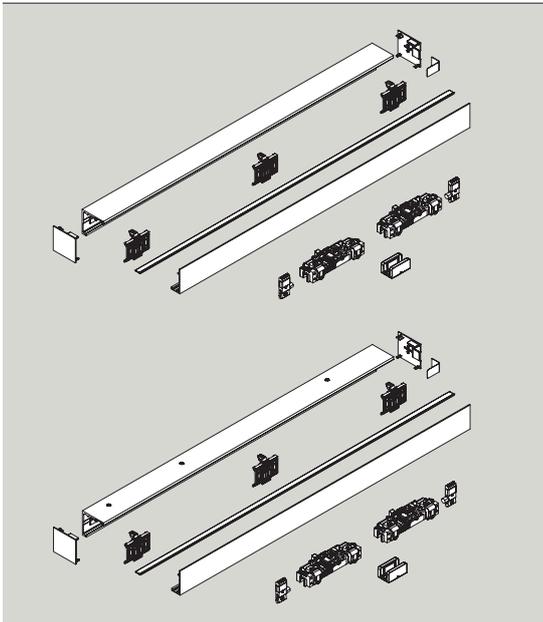


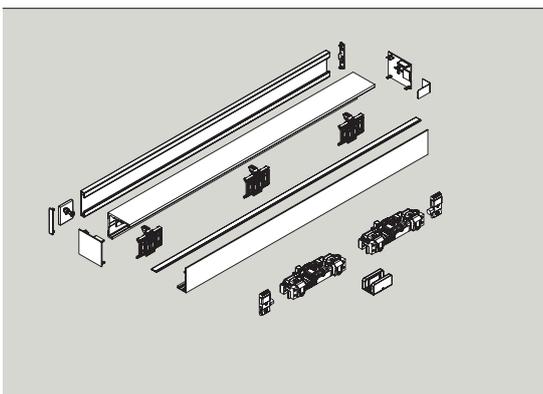
- 01** Drywall construction profile, on site
- 02** Support, on site, e.g. squared timber 100 x 100 mm
- 03** MUTO Comfort L80 track profile
- 04** drywall construction profile, on site
- 05** sheet of drywall, on site
- 06** Vertical profile for fixing sheets of drywall
- 07** Vertical profile with brush sealings



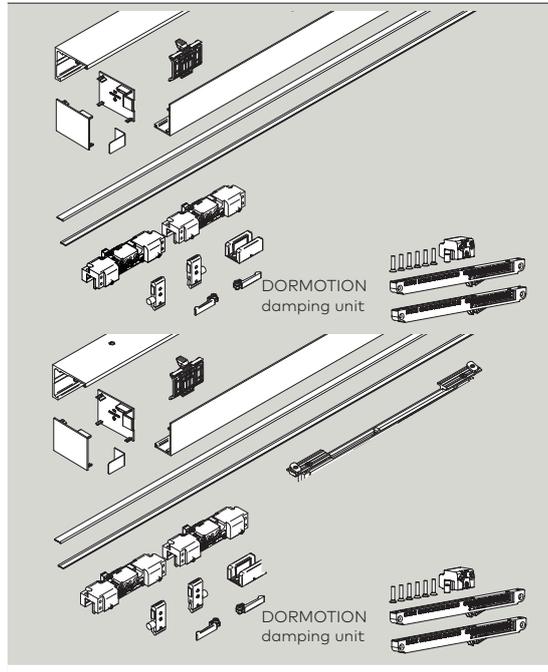
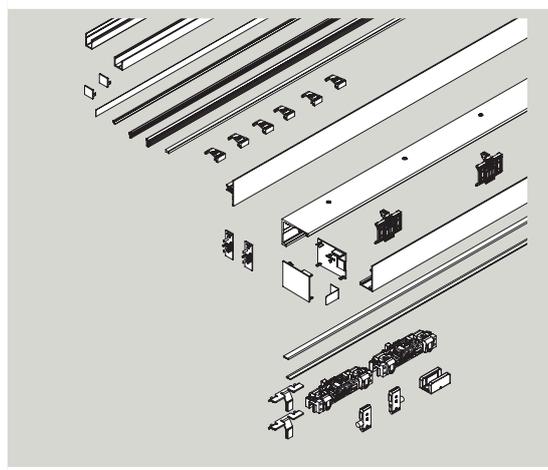
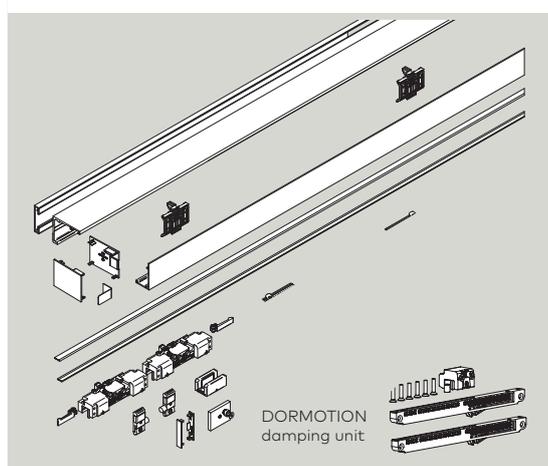
- | | | |
|--|--|--|
| A = Glass width | LH = Total height | Y = 95 mm – (17 mm + t1) |
| B = Length of track, pocket- and cover profile | LW = Clear opening width | BO = Building opening |
| GH1 = Glass height panel | t1 = Glass thickness panel (8 – 13.5 mm) | U = Timber door thickness (28 – 40 mm) |
| GH2 = Glass height sidelight | t2 = Glass thickness sidelight (8 – 13.5 mm) | Z = 100 mm Solid wood (wooden adapter) |
| | S = Glass width sidelight | |

Complete sets - defined lengths

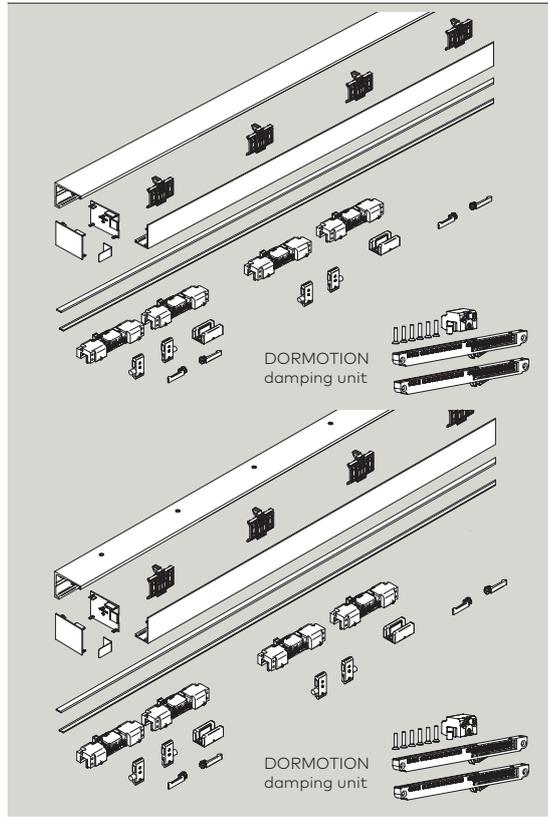
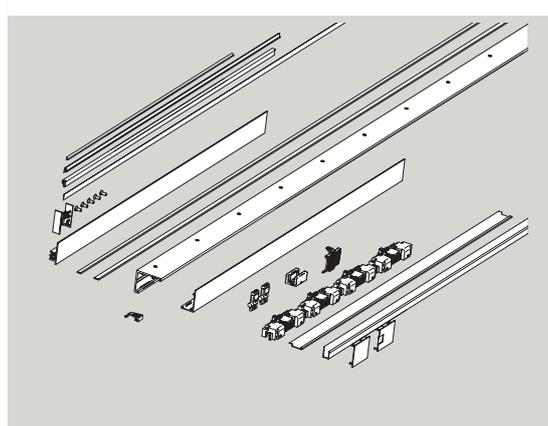
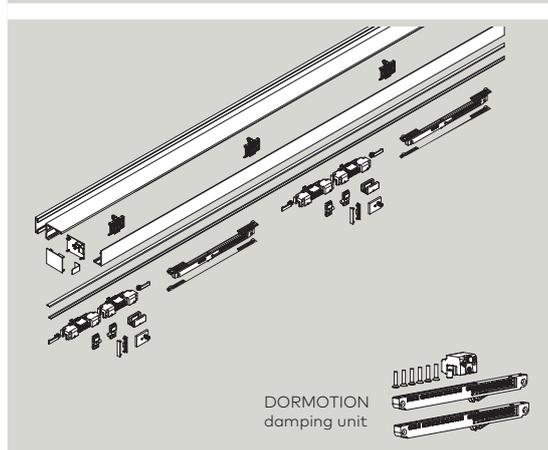
	Product description	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Comfort L 80 Complete set prepared for DORMOTION wall mounting incl. track, cover profile, privacy brushes, accessory set, end covers max. 80 kg				
	Wall mounting	1100 1450	2180 2880	8 – 13,5 8 – 13,5	36.300 36.301
	Ceiling mounting	1100 1450	2180 2880	8 – 13,5 8 – 13,5	36.302 36.303

		Clear opening width	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Comfort L 80 Set prepared for DORMOTION for glass installation incl. track profile, cover profile and brushes, counter profile, accessory set, end caps max. 80 kg Note: Please take note of glass preparation on page 37	1050 1250	1110 1310	2287 2687	8 – 13,5 8 – 13,5	36.304 36.305

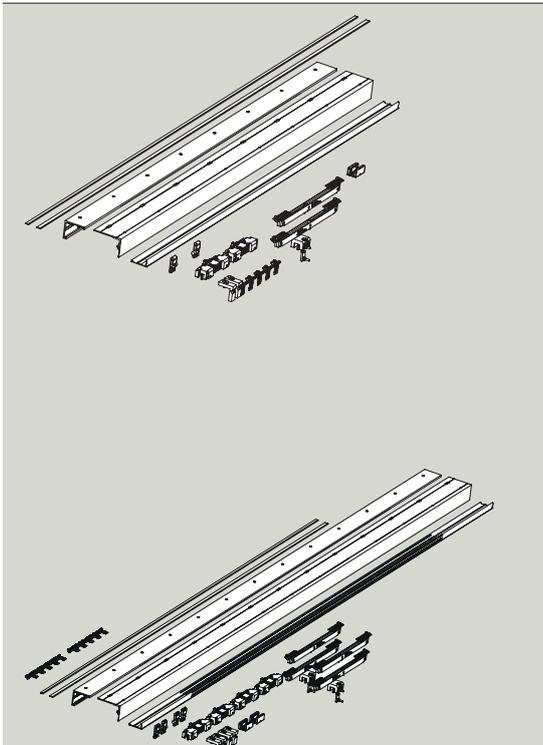
Complete sets - individual lengths

	Product description	Glass thickness	Art. No.
	<p>MUTO Comfort L 80 Individual profile length up to max. 5940 mm incl. track, cover profile, privacy brushes, accessory set, end caps</p> <p>prepared for DORMOTION Wall mounting Ceiling mounting</p> <p>incl. DORMOTION* Wall mounting Ceiling mounting</p> <p>max. 80 kg</p> <p>When ordering, please state the clear width (LW) or track length when ordering</p>	<p>8 – 13,5</p> <p>8 – 13,5</p> <p>8 – 13,5</p> <p>8 – 13,5</p>	<p>36.320</p> <p>36.321</p> <p>36.326</p> <p>36.327</p>
	<p>MUTO Comfort L 80 Complete set prepared for DORMOTION fixed at ceiling, sidelight individual profile length up to max. 5940 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 track length with order!</p>	<p>8 – 13,5</p>	<p>36.306</p>
	<p>MUTO Comfort L 80 Complete set prepared for DORMOTION Complete set incl. DORMOTION for glass installation Individual profile length up to max. 4067 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 37</p>	<p>8 – 13,5</p>	<p>36.322</p> <p>36.328</p>

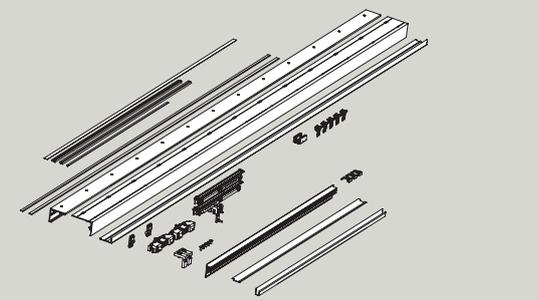
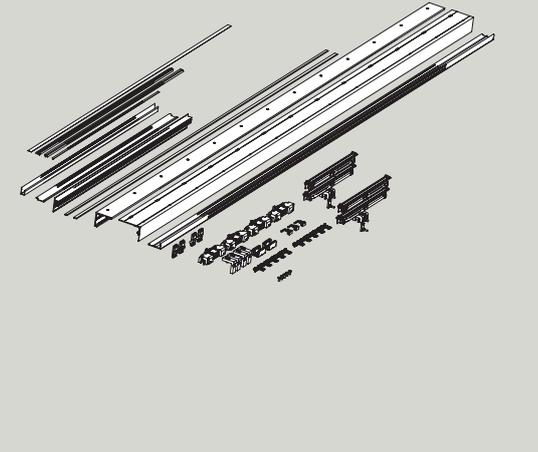
Complete sets – individual lengths, double panel door

	Product description	Glass thickness	Art. No.
	<p>MUTO Comfort L 80 double panel Individual profile length up to max. 5940 mm incl. track, cover profile, privacy brushes, accessory set, end caps</p> <p>prepared for DORMOTION Wall mounting Ceiling mounting</p> <p>incl. DORMOTION* Wall mounting Ceiling mounting</p> <p>max. 2 x 80 kg</p> <p>When ordering, please state the clear width (LW) or track length when ordering</p>	<p>8 – 13,5 8 – 13,5</p>	<p>36.323 36.324 36.329 36.330</p>
	<p>MUTO Comfort L 80 Complete set prepared for DORMOTION Complete set incl. DORMOTION Double-leaf Ceiling mounting + side panel on both sides Individual profile length up to max. 5940 mm incl. track, cover profile, side panel privacy and filling profile, privacy brushes, accessory sets, end covers</p> <p>max. 2 x 80 kg</p> <p>Please specify the clear width (LW) and track length when ordering</p>	<p>8 – 13,5</p>	<p>36.365 xxx ???</p>
	<p>MUTO Comfort L 80 Complete set prepared for DORMOTION Complete set incl. DORMOTION double panel door glass installation Individual profile length up to max. 5012 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 38</p>	<p>8 – 13,5</p>	<p>36.325 36.331</p>

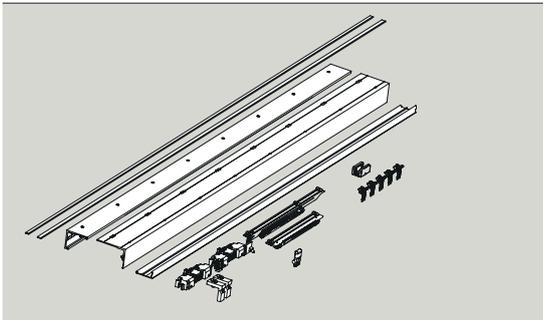
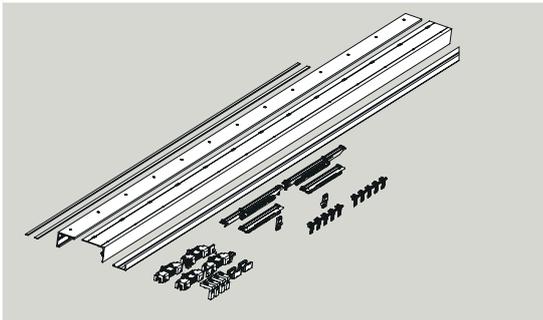
Complete sets – installation in ceiling slot

	Product description	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Comfort L 80 Complete set for ceiling slot installation incl. DORMOTION unit on both sides, incl. all profiles and accessories	750 1000	1500 2000	8 – 13,5 8 – 13,5	36.230 36.231
	prepared for overlapping panels on both sides	Fixed dimension	up to max. 4000	8 – 13,5	36.232
	prepared for one-sided overlapping panel	Fixed dimension	up to max. 4000	8 – 13,5	36.240
	MUTO Comfort L 80 Complete set for double panel ceiling slot installation incl. DORMOTION unit on both sides, incl. all profiles and accessories	2 x 750 2 x 1000	3000 4000	8 – 13,5 8 – 13,5	36.233 36.234
	Individual profile length	Fixed dimension	up to max. 6000	8 – 13,5	36.235

Complete sets - installation in ceiling slot with side panel

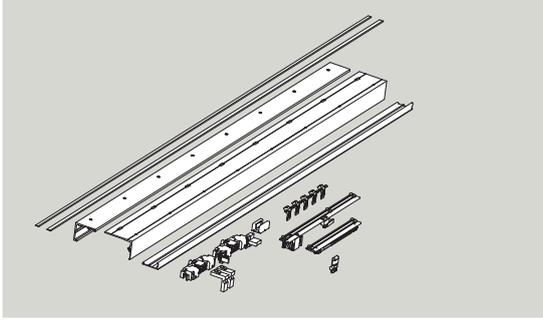
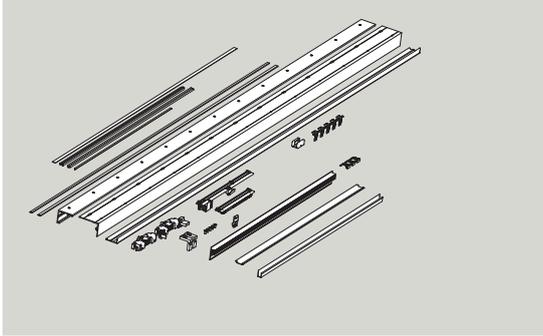
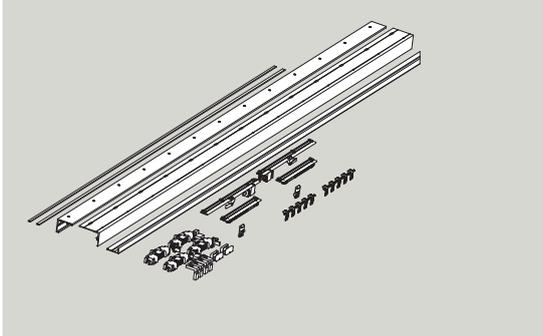
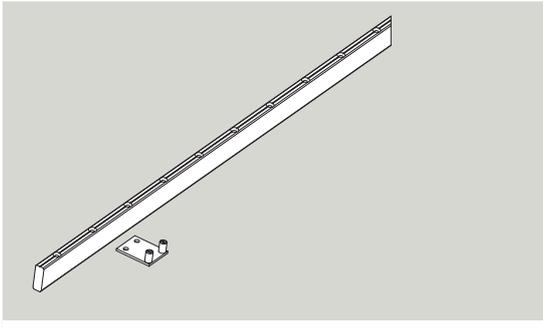
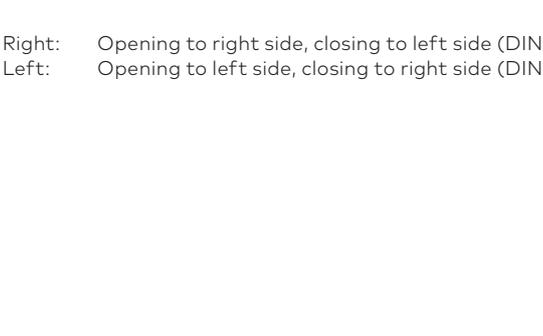
	Product description	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Comfort L 80 Complete set for ceiling slot mounting, with side panel on one side Individual profile length, incl. DORMOTION unit on both sides, incl. all profiles and accessories				
	prepared for one-sided overlapping panel	Fixed dimension	up to max 6000	8 – 13,5	36.243
	prepared for double-sided overlapping panels	Fixed dimension	up to max 6000	8 – 13,5	36.275
	MUTO Comfort L 80 Complete set for ceiling slot installation, with side panel on both sides Individual profile length, incl. DORMOTION unit on both sides, incl. all profiles and accessories				
	prepared for one-sided overlapping panel	Fixed dimension	up to max 6000	8 – 13,5	36.244
	prepared for double-sided overlapping panels	Fixed dimension	up to max 6000	8 – 13,5	36.276

Complete sets - door movable in wall pocket

	Product description	DIN	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Comfort L 80 Pocket	right	750	1500	8 – 13.5	36.236
		left	750	1500	8 – 13.5	36.237
	Sliding door set for wall pocket installation,	right	1000	2000	8 – 13.5	36.238
		left	1000	2000	8 – 13.5	36.239
	incl. DORMOTION unit on both sides,	right	Fixed dimension	Up to max. 4000	8 – 13.5	36.245
	incl. all profiles and complete accessory	left	Fixed dimension	Up to max. 4000	8 – 13.5	36.246
	MUTO Comfort L 80 Pocket	right	Fixed dimension	Up to max. 6000	8 – 13.5	36.247
		left	Fixed dimension	Up to max. 6000	8 – 13.5	36.248
	Sliding door set for wall pocket installation, with side panel,					
	incl. DORMOTION unit on both sides, incl. all profiles and complete accessory					
	MUTO Comfort L 80 Pocket		Fixed dimension	Up to max. 6000	8 – 13.5	36.249
	Sliding door set for wall pocket installation, double panel door,		Fixed dimension	Up to max. 6000		
	incl. DORMOTION unit on both sides, incl. all profiles and complete accessory					

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

Complete sets - door movable in wall pocket

for glass doors (8 – 13.5 mm) and for timber doors (28 – 40 mm)	Product description	DIN	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Comfort	right	750	1500	8 – 13.5	36.164
	L 80 Pocket	left	750	1500	8 – 13.5	36.160
	Sliding door set for	right	1000	2000	8 – 13.5	36.165
	wall pocket	left	1000	2000	8 – 13.5	36.161
	installation,	right	Fixed	Up to max.	8 – 13.5	36.166
	incl. DORMOTION		dimension	4000		
	MUTO Comfort	right	Fixed	Up to max.	8 – 13.5	36.167
	L 80 Pocket		dimension	6000		
	Sliding door set for	left	Fixed	Up to max.	8 – 13.5	36.163
	wall pocket instal-		dimension	6000		
	MUTO Comfort		Fixed	Up to max.	8 – 13.5	36.168
	L 80 Pocket		dimension	6000		
	Sliding door set for		Fixed	Up to max.		
	wall pocket		dimension	6000		
	MUTO Comfort			1460		36.346
	L 80 Pocket					
	Adapter profile for					
	timber door panels					
	profile 12.5 x 36					
	mm					
	incl. accessories					
	(wall pocket floor					
	guide for timber					
	doors)					

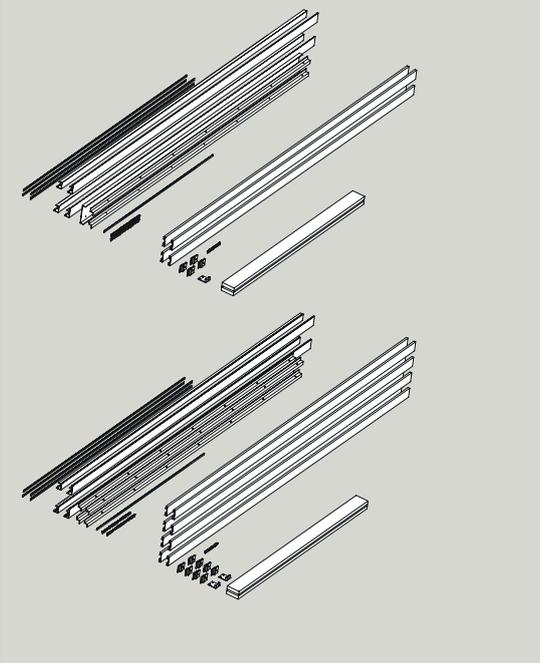
Right: Opening to right side, closing to left side (DIN Left)

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

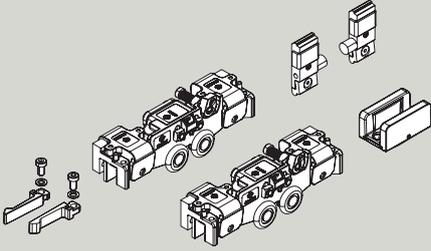
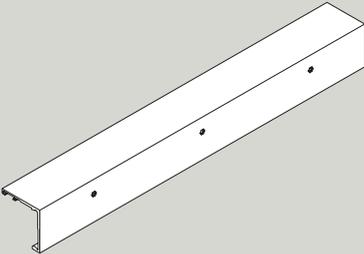
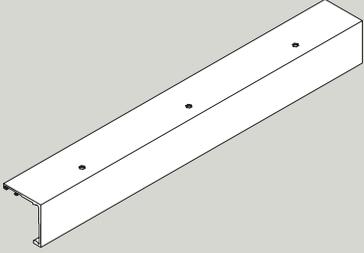
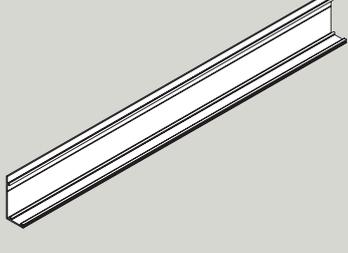
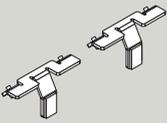
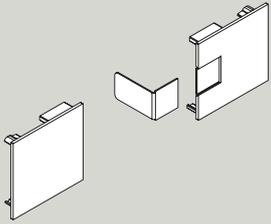
Profile kits for wall pocket construction

for glass doors (8 – 13.5 mm) and for timber doors (28 – 40 mm)	Product description	Panel width	Art. No.
	MUTO Comfort L 80 Pocket Profile kit for wall pocket construction for glass doors incl. 2 x vertical profile with brush seals + special floor guide - integrated in wall pocket (designed for drywall with internal dimension 100 mm, external dimension 150 mm)		
	Door heights up to 2250 mm		
	Single panel	≤ 750 > 750 (max. 1500)	36.284 36.285
	double panel	≤ 750 > 750 (max. 1500)	36.286 36.287
	Door heights from 2251 mm - 2800 mm		
	single panel	≤ 750 > 750 (max. 1500)	36.280 36.281
	double panel	≤ 750 > 750 (max. 1500)	36.282 36.283

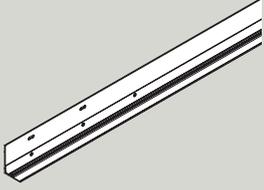
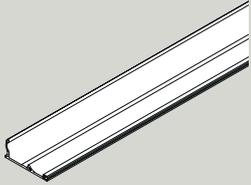
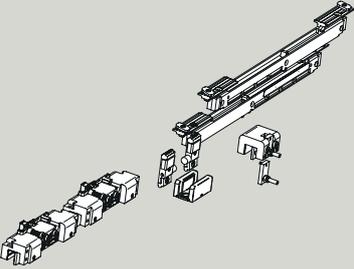
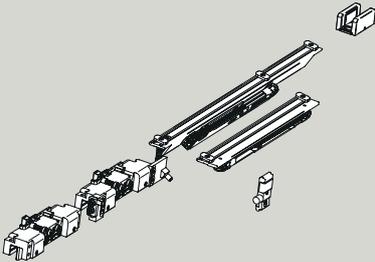
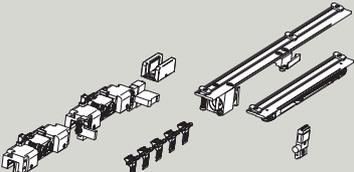
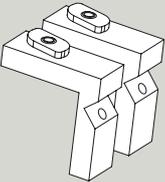
Profile kits for wall pocket construction

for glass doors (8 – 13.5 mm) and for timber doors (28 – 40 mm)	Product description	Panel width	Art. No.
	MUTO Comfort L 80 Pocket Profile kit for wall pocket construction for timber doors incl. 2 x vertical profile with brush seals + special floor guide - integrated in wall pocket (designed for drywall with internal dimension 100 mm, external dimension 150 mm)		
	Door heights up to 2250 mm single panel	≤ 750 > 750 (max. 1500)	36.288 36.289
	double panel	≤ 750 > 750 (max. 1500)	36.290 36.291
	Door heights from 2251 mm - 2800 mm single panel	≤ 750 > 750 (max. 1500)	36.292 36.293
	double panel	≤ 750 > 750 (max. 1500)	36.294 36.295

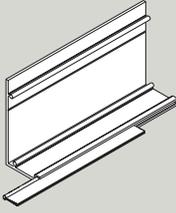
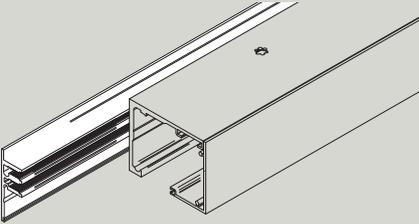
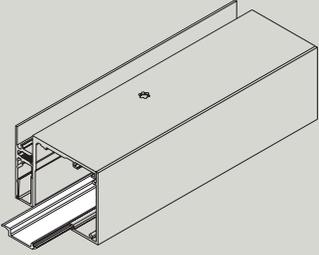
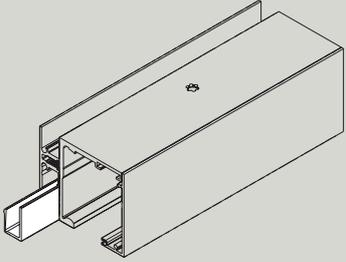
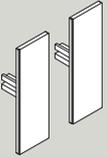
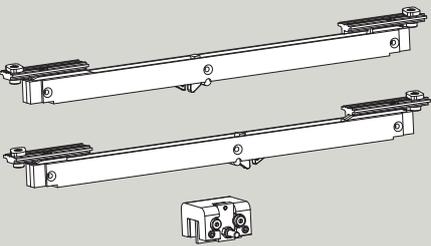
Component parts

	Product description	Art. No.
	Accessory set Consisting of: 2 Clamp carriers 2 Endstops 1 Floor guide	36.349
	Track rail <i>for wall installation</i> stock length 6000 mm fixed length	36.350 36.351
	Track rail <i>for ceiling installation</i> stock length 6000 mm fixed length	36.352 36.353
	Cover profile stock length 6000 mm fixed length	36.359 36.360
	MUTO spacer (2 pieces) <i>for installation between two walls</i>	36.890
	MUTO Comfort L 80 Set endcaps <i>for wall and ceiling installation</i>	36.354

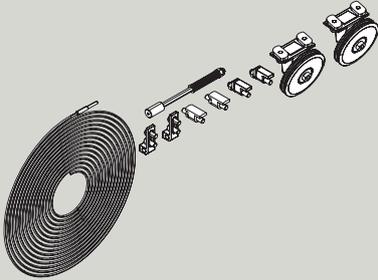
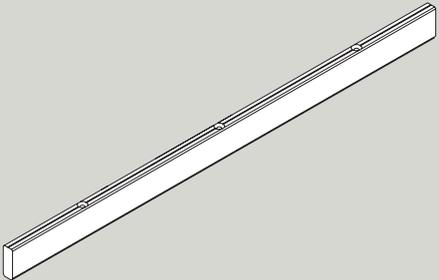
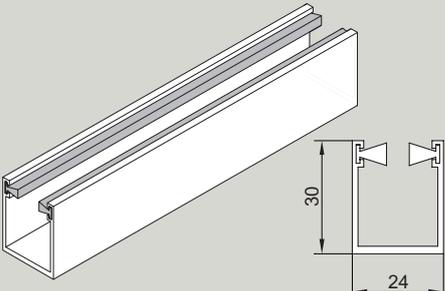
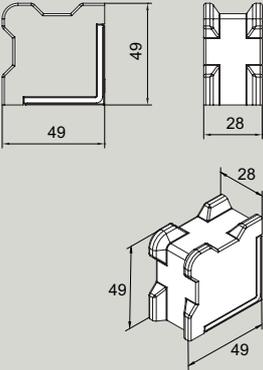
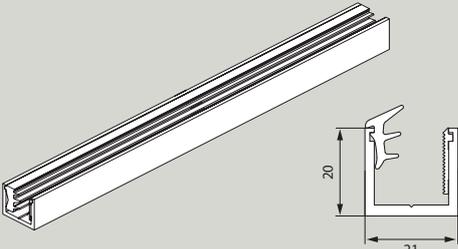
Component parts

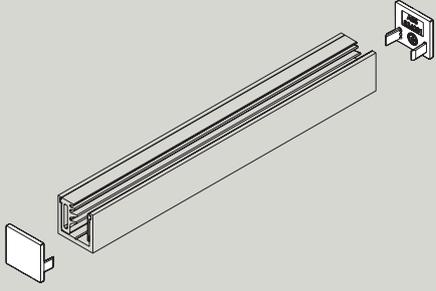
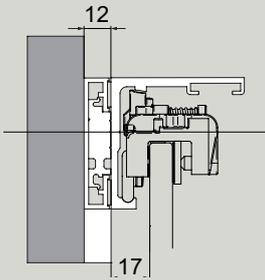
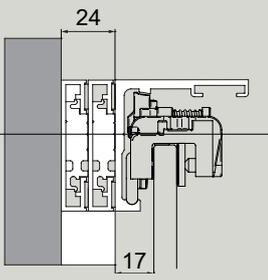
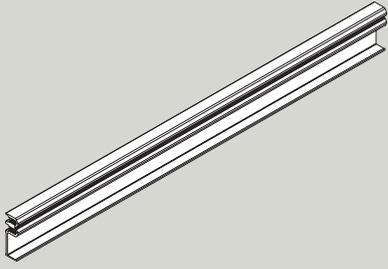
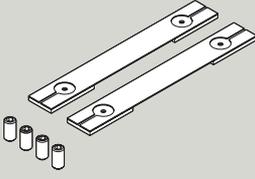
	Product description	DIN	Art. No.
	<p>MUTO Comfort L 80 for ceiling slot mounting and wall pocket mounting stock length 6000 mm fixed length</p>		<p>36.332 36.333</p>
	<p>MUTO Comfort L 80 for ceiling slot mounting and wall pocket mounting stock length 6000 fixed length</p>		<p>36.334 36.335</p>
	<p>MUTO Comfort L 80 Pocket Fixing clips for bottom cover profile fixing (5 Pcs.) for ceiling slot mounting and wall pocket mounting</p>		<p>36.442</p>
	<p>MUTO Comfort L 80 Pocket Accessory set for ceiling slot mounting</p>		<p>36.338</p>
	<p>MUTO Comfort L 80 Pocket Accessory set for wall pocket mounting complete incl. 2 x DORMOTION unit</p>	<p>right left</p>	<p>36.340 36.341</p>
	<p>MUTO Comfort L 80 Pocket Accessory set for wall pocket mounting complete incl. 1 x DORMOTION unit and 1 x Push-to-open unit</p>	<p>right left</p>	<p>36.342 36.343</p>
	<p>MUTO Comfort L 80 Pocket Installation support set (2 brackets) for ceiling slot mounting and wall pocket mounting</p>		<p>36.440</p>

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

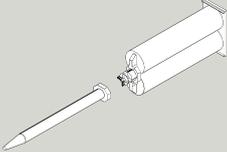
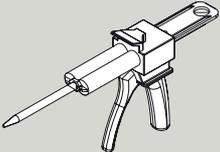
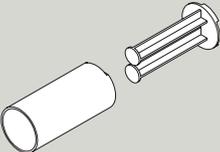
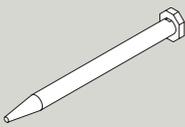
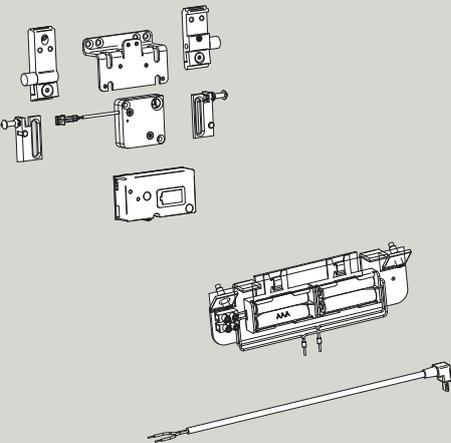
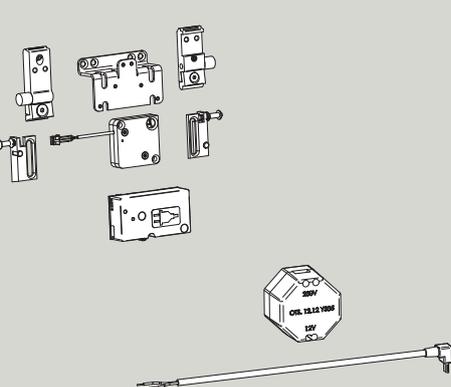
	Product description	Art. No.
	<p>MUTO Brush profile set for Comfort L and Premium XL Consisting of: 1 Brush profile 8 – 10 mm glass 1 brush profile 12 – 13.5 mm glass</p>	<p>36.265</p>
	<p>MUTO Comfort M 60 2.0 + L 80 Side light profile 58 mm height, with gaskets, for 8 – 13.5 mm glass</p> <p>When installing between two walls, please give particular attention to the width of the end covers (each 2 mm).</p> <p>stock length 6000 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 6000 mm fixed length</p>	<p>36.800 36.801</p>
	<p>MUTO Filling profile for Comfort M + L, Premium XL and Self-Closing,</p> <p>stock length 6000 mm fixed length</p>	<p>36.802 36.803</p>
	<p>MUTO Comfort M 60 2.0 + 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>DORMOTION unit Panel width min 600 mm, for max. 80 kg, incl. starter</p> <p>When using a DORMOTION damping unit, we recommend installation of a pull handle.</p>	<p>36.361 Optional</p>

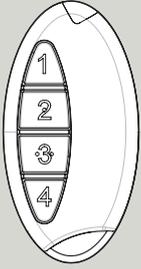
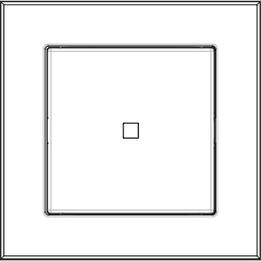
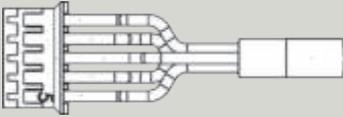
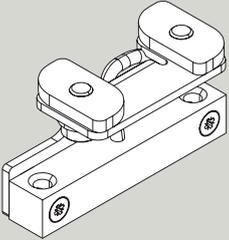
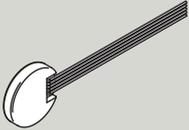
Component parts

	Product description	Glass thickness	Art. No.
	<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 Timber adapter set Profil 12.5 x 36 mm, incl. Accessories (with timber floor guide)</p> <p>1460 mm fixed length</p> <p>Please indicate the wooden door leaf width when ordering!</p>		<p>36.261 36.262</p>
	<p>MUTO Premium XL 80/150 Subsurface floor guide track rail with brushes</p> <p>stock length 6000 mm fixed length</p>		<p>36.561 36.562</p>
	<p>MUTO Comfort Floorstop for Comfort L and Premium XL, for glass- oder timber side light</p>		<p>36.851</p>
	<p>MUTO Floor profile for Comfort M + L and Premium XL, for fixing side light, with gaskets, incl. end caps</p> <p>stock length 6000 mm fixed length</p>	<p>8 – 13.5</p>	<p>36.810 36.811</p>

	Product description	Art. No.
	<p>MUTO End caps (2 pieces) for Comfort M + L and Premium XL, for Floor profile, for fixing side light</p>	<p>36.812</p>
	<p>MUTO Comfort - balance profile set 12 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length</p>	<p>36.872</p>
	<p>MUTO Comfort - balance profile set 24 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length</p>	<p>36.873</p>
	<p>MUTO Comfort Connecting profile for false ceiling, incl. accessory set</p> <p>stock length 6000 mm fixed length</p> <p>To be bolted on site to the track rail.</p>	<p>36.821 36.820</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>

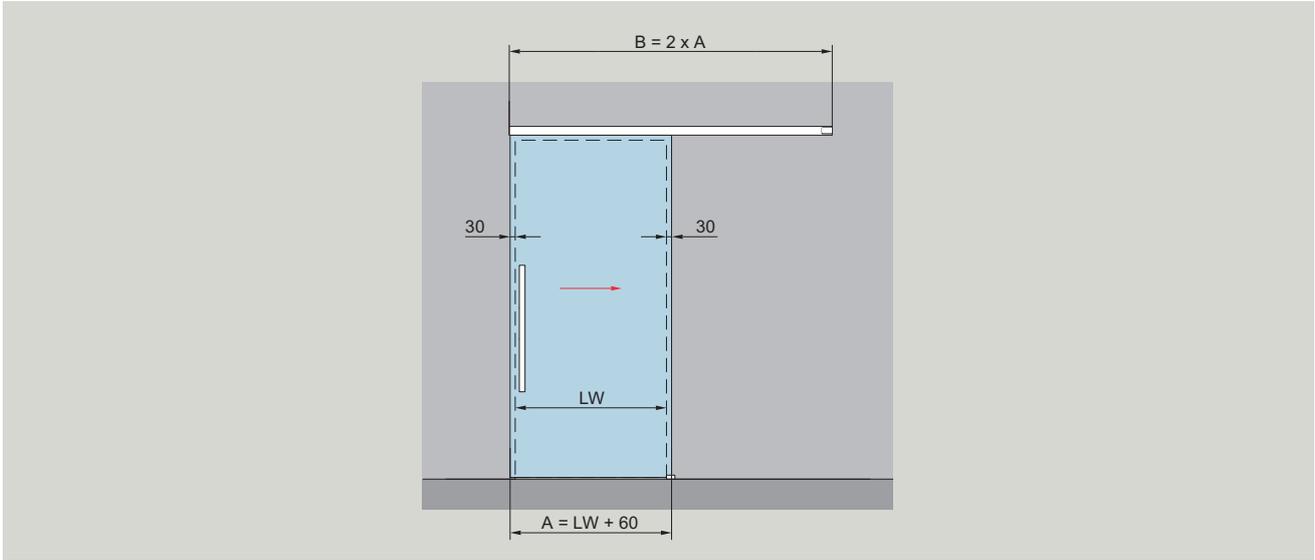
Component parts

	Product description	Art. No.
	<p>Special adhesive for use with LSG The contents of the cartridge are sufficient for 10 clamp carriers (varies if the nozzle contents have dried out!) If necessary, order additional spare nozzles (art. no. 07.630).</p>	<p>07.631</p>
	<p>Automix gun for LSG Use in combination with article 07.631</p>	<p>07.629</p>
	<p>Automix adapter for LSG Use in combination with article 07.631 (for use with a commercially available silicone syringe)</p>	<p>07.628</p>
	<p>Spare nozzle for LSG Use in combination with article 07.631</p>	<p>07.630</p>
	<p>MUTO Integrated locking device Battery for Comfort L, Premium XL, Premium Self-Closing and Premium Telescopic (not suitable as a security barrier) Consisting of: 1 receiver unit 1 mounting bracket for locking 1 locking device 1 stopper XL 4 batteries (Energizer L92 Ultimate Lithium: AAA1.5V) 1 battery carrier Attention: Not suitable for Synchro version.</p>	<p>36.859</p>
	<p>Battery (set of 4) for re-ordering</p> <p>MUTO Integrated locking device Battery for Comfort L, Premium XL, Premium Self-Closing and Premium Telescopic (not suitable as a security barrier) Consisting of: 1 receiver unit 1 mounting bracket for locking 1 locking device 1 stopper XL Transformer, suitable for flush-mounted box Attention: Not suitable for Synchro version.</p>	<p>36.886</p> <p>36.885</p>

	Product description	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 Accessory for locking unit for Comfort L, Premium XL and Self-Closing,</p> <p>1 cable set for an optional use of the status indicator integrated in the locking unit</p>	<p>36.855</p>
	<p>MUTO Status indicator set for Comfort L and Premium XL</p> <p>Consisting of: 1 Sensor 1 Adapter for track reception 1 Cable</p>	<p>36.840</p>
	<p>Concealed transmitter BRC-T DORMA-GLAS bi-directional flush-mounted radio transmitter BRC-T, battery-operated, for installation in a switch with a deep flush-mounting box in conjunction with on-site push-button</p>	<p>29301003</p>

Vertical brush seals can be found on page 182

Type illustrations wall installation

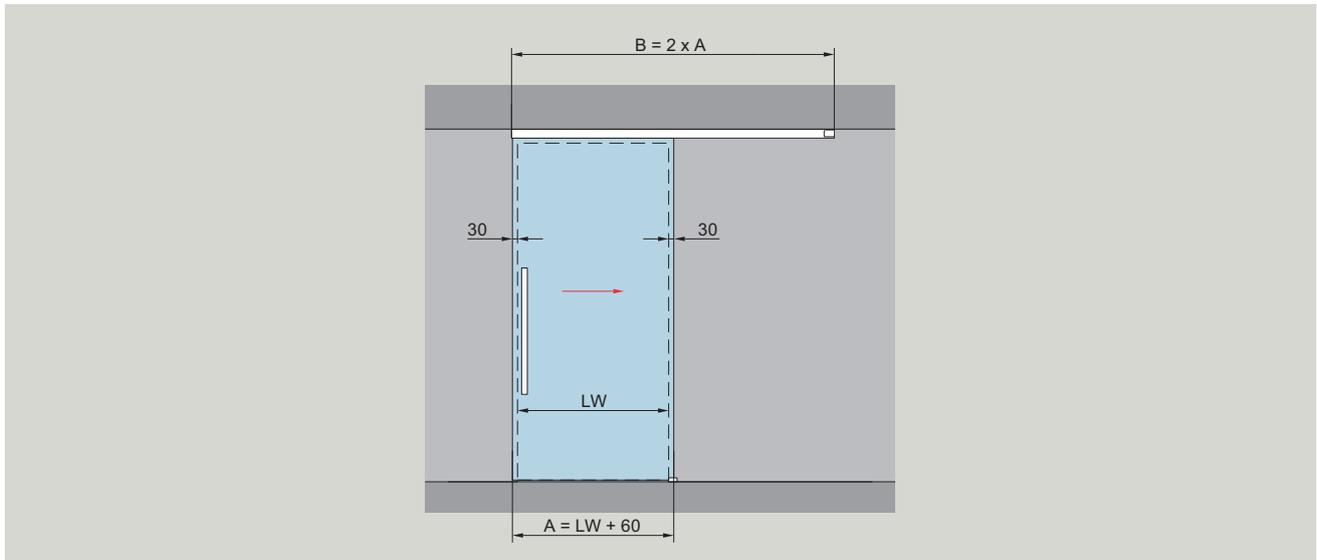


Fixed at wall	Product description	Glass thickness
	<p>For installation with one door panel</p> <p>Max. weight of door panels 80 kg 150 kg</p> <p>Calculation of glass height $GH1 = LH + 22 + X$ mm max. 3000 mm</p> <p>Calculation of glass width $A = LW + 60$ mm min. 660 mm max. 2500 mm max. 2×1470 mm</p>	8 – 13.5

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

- LW = Clear opening width
- t1 = Glass thickness sliding door
- Y = 72 mm – 20 mm – t
- X = Freely selectable protrusion (depending on structural conditions)

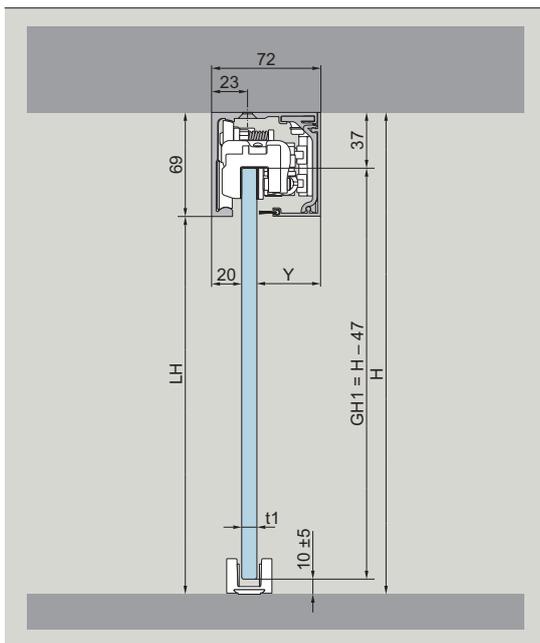
Type illustrations ceiling installations



Fixed at ceiling

Product description

Glass thickness



For installation with one door panel

8 – 13.5

Max. weight of door panels

80 kg
150 kg

Calculation of glass height

$GH1 = H - 47 \text{ mm}$
max. 3000 mm

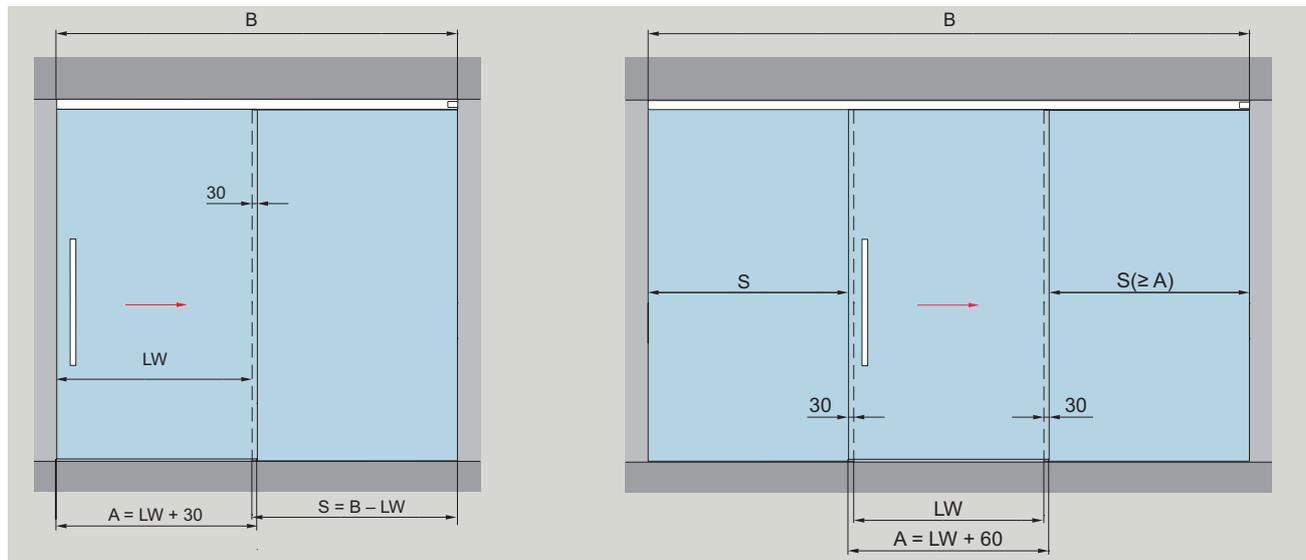
Calculation of glass width

$A = LW + 60 \text{ mm}$
min. 660 mm
max. 2500 mm
max. $2 \times 1470 \text{ mm}$

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

LH = Clear opening height
LW = Clear opening width
t1 = Glass thickness sliding door
Y = $72 \text{ mm} - 20 \text{ mm} - t$

Type illustrations with sidelight

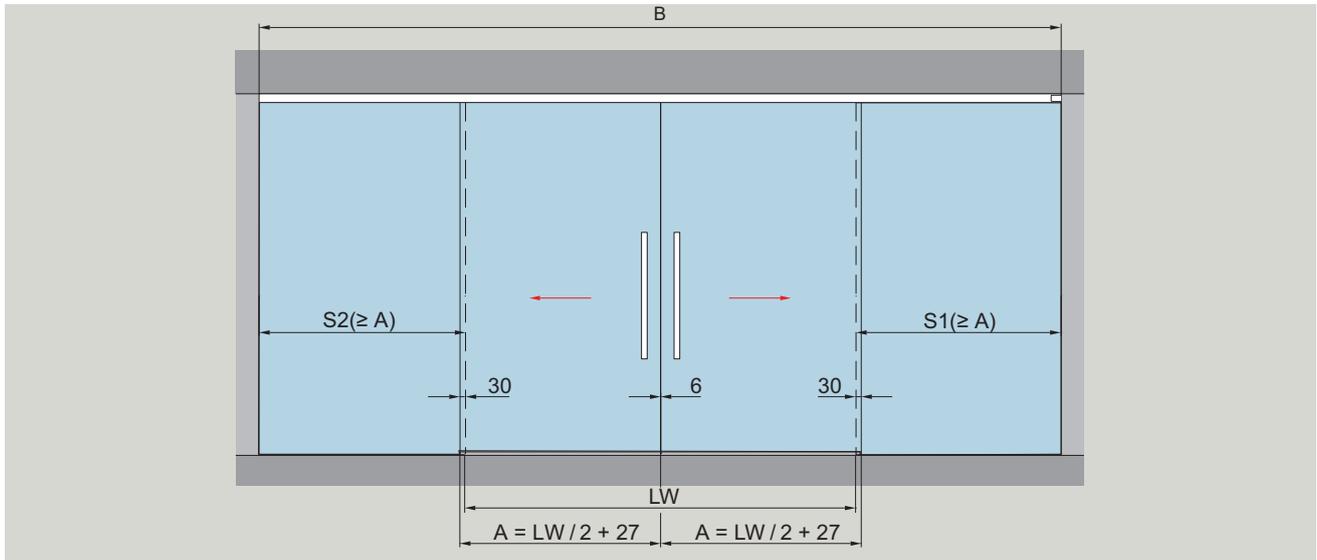


Fixed at ceiling	Fixed at false ceiling	Product description	Glass thickness
		<p>For installation with one door panel</p> <p>Max. weight of door panels 80 kg 150 kg</p> <p>Calculation of glass height for installation at ceiling GH1 = H - 47 mm GH2 = LH + 7 mm max. 3000 mm</p> <p>Calculation of glass height for installation at false ceiling GH1 = LH + 21 mm GH2 = LH + 7 mm max. 3000 mm</p> <p>Calculation of glass width A = LW + 30 mm min. 660 mm max. 2500 mm</p>	8 – 13.5

- 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 two door panels with sidelights



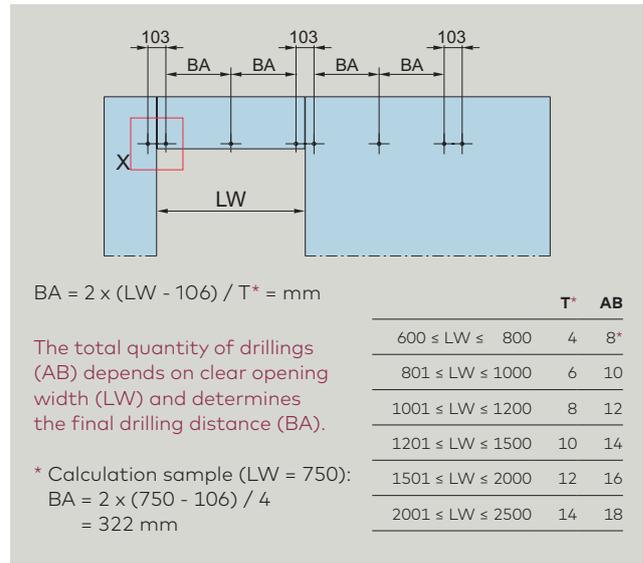
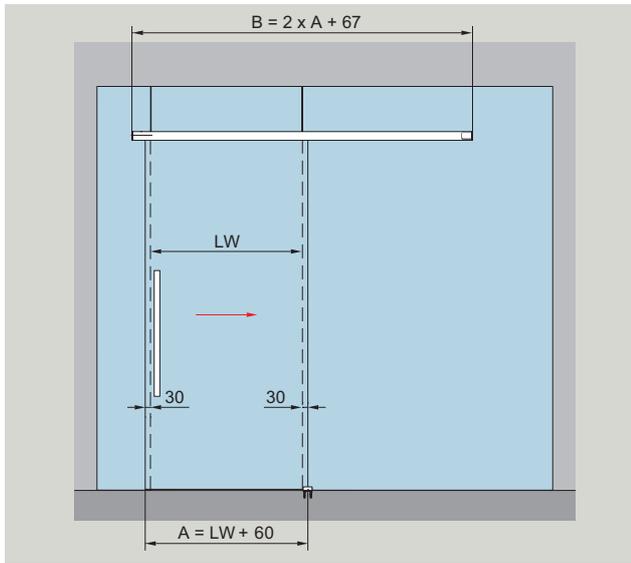
Fixed at ceiling	Fixed at false ceiling	Product description	Glass thickness
		<p>For installation with two door panels with sidelights</p> <p>Max. weight of door panels 80 kg 150 kg</p> <p>Calculation of glass height for installation at ceiling GH1 = H - 47 mm GH2 = LH + 7 mm max. 3000 mm</p> <p>Calculation of glass height for installation at false ceiling GH1 = LH + 21 mm GH2 = LH + 7 mm max. 3000 mm</p> <p>Calculation of glass width A = LW / 2 + 27 mm min. 660 mm max. 2 x 1470 mm</p>	8 – 13.5

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

S1/S2 = Glass width sidelight
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



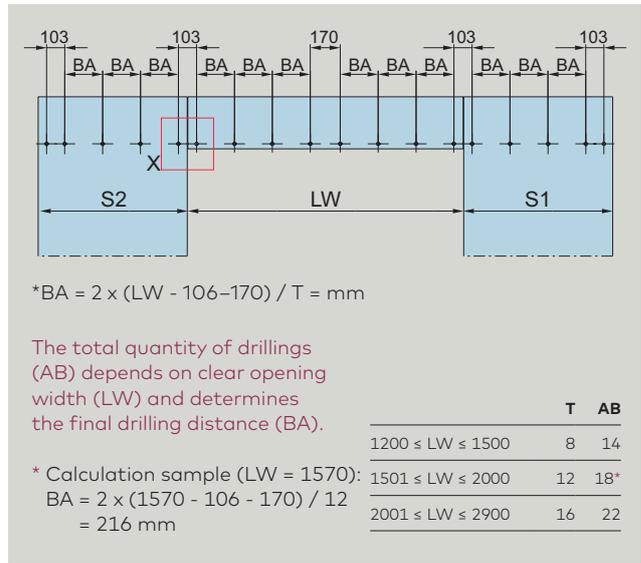
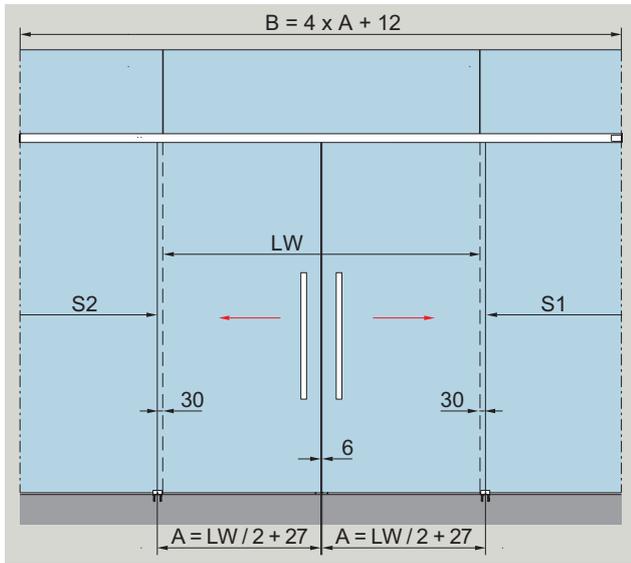
You will find a calculation tool for the glass preparation of the fixed parts MUTO on glass under the following link <https://glas-innovationen.com/glass-innovations/muto>

Glass preparation	Product description	Glass thickness
<p>Detail X</p>	For installation with one door panel Max. weight of door panels 80 kg, 150 kg Calculation of glass height GH = LH + 22 mm, max. 3000 mm Calculation of glass width A = LW + 60 mm min. 660 mm max. 2500 mm	8 – 13.5

Fixed at glass	Product description	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	660 mm	660 mm
	min. clear opening width	600 mm	600 mm
	max. Glass width	2500 mm	2500 mm
	max. Glass width	2440 mm	2440 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
- GH1 = Glass height sliding door
- 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



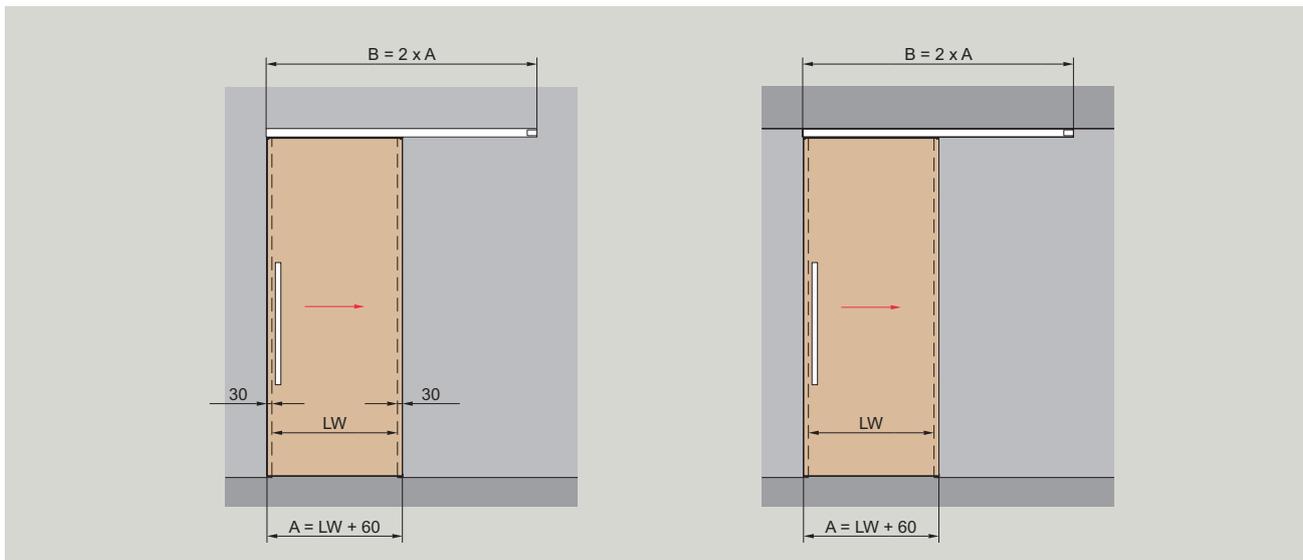
You will find a calculation tool for the glass preparation of the fixed parts MUTO on glass under the following link <https://glas-innovationen.com/glass-innovations/muto>

Glass preparation	Product description	Glass thickness
<p>Detail X</p>	For installation with two door panels with sidelights Max. weight of door panels 80 kg, 150 kg Calculation of glass height GH = LH + 22 mm, max. 3000 mm Calculation of glass width A = LW / 2 + 27 mm min. 660 mm max. 2500	8 – 13.5

Fixed at glass	Product description	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	660 mm	660 mm
	min. clear opening width	1270 mm	1270 mm
	max. Glass width	2500 mm	2500 mm
	max. Glass width	2440 mm	2440 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
- GH1 = Glass height sliding door
- S1/S2 = Glass width sidelight
- 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



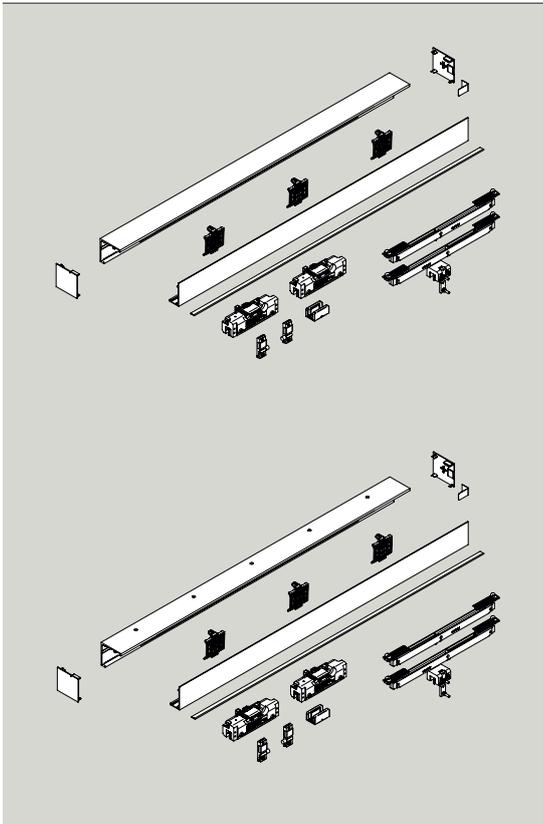
Fixed at wall	Fixed at ceiling	Product description	Wood thickness
		For installation with one door panel	28 – 50
		Max. weight of door panels	
		80 kg	
		150 kg	
		Calculation of door height	
		fixed at wall	
		TH = LH – 18 + X mm	
		max. 3000 mm	
		Calculation of door height	
		fixed at ceiling	
		TH = H – 87 mm	
		max. 3000 mm	
		Calculation of door width	
		A = LW + 60 mm	
		min. 660 mm	
		max. 2 x 1470 mm	

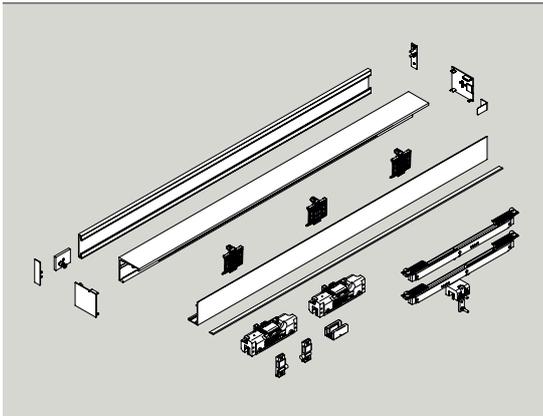
- A = Timber door width
- B = Length of track
- H = Total height
- LH = Clear opening height

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

Space for your notes

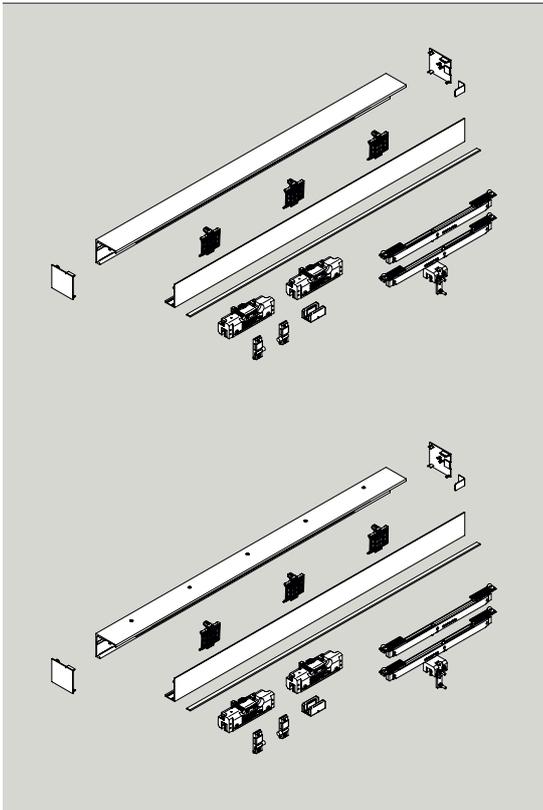
Complete sets – defined lengths

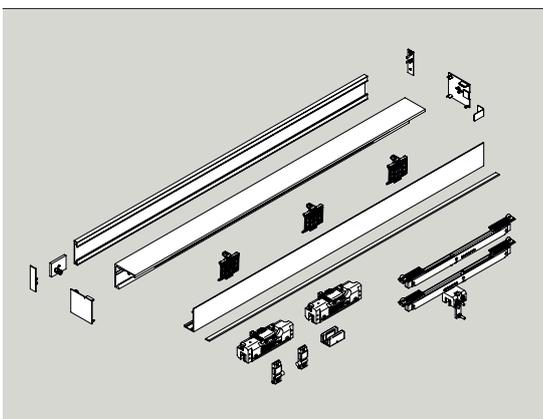
	Product description	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Premium XL 80 Complete set incl. track, cover profile, privacy brushes, DORMOTION unit*, Accessory set, front covers max. 80 kg				
	Wall mounting	900 1200 1450	1780 2380 2880	8 – 13,5 8 – 13,5 8 – 13,5	36.500 36.501 36.502
	Ceiling mounting	900 1200 1450	1780 2380 2880	8 – 13,5 8 – 13,5 8 – 13,5	36.503 36.504 36.505

	Product description	Clear opening width	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Premium XL 80 Set for glass installation incl. track profile, cover profile and brushes, counter profile, DORMOTION unit*, accessory set, end caps max. 80 kg	850 1050 1250	910 1110 1310	1887 2287 2687	8 – 13,5 8 – 13,5 8 – 13,5	36.506 36.507 36.508

*When using a DORMOTION damping unit, we recommend installation of a pull handle.

Note: Please take note of glass preparation on page 70

	Product description	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Premium XL 80 Complete set incl. track, cover profile, privacy brushes, DORMOTION unit*, Accessory set, front covers max. 80 kg				
	Wall mounting	1250 1450	2480 2880	8 – 13,5 8 – 13,5	36.509 36.510
	Ceiling mounting	1250 1450	2480 2880	8 – 13,5 8 – 13,5	36.511 36.512

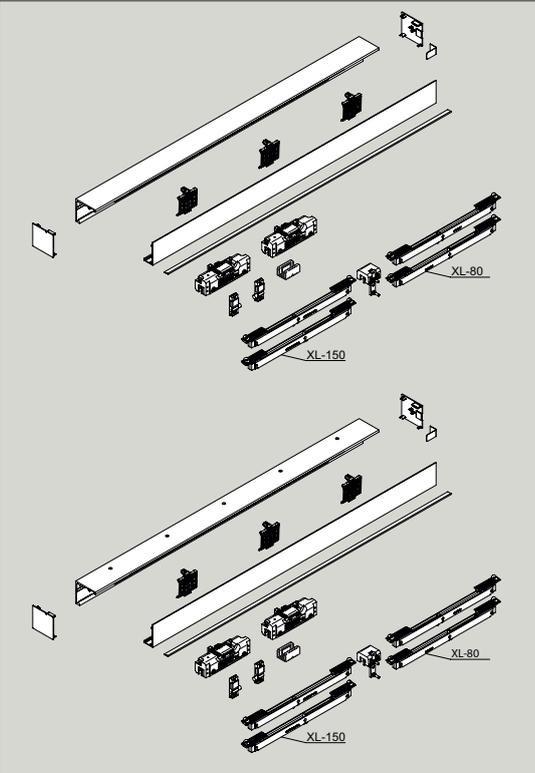
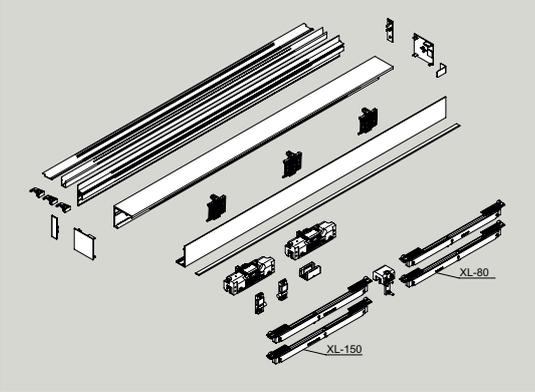
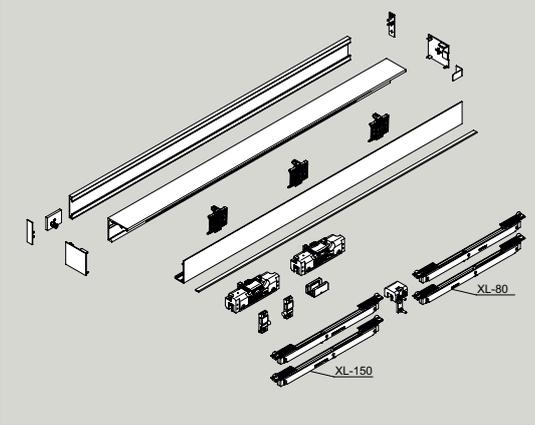
	Product description	Clear opening width	Panel width	Profile length	Glass thickness	Art. No.
	MUTO Premium XL 150 Set for glass installation incl. track profile, cover profile and brushes, counter profile, DORMOTION unit*, accessory set, end caps max. 150 kg	1250 1400	1310 1460	2687 2987	8 – 13,5 8 – 13,5	36.513 36.514

*When using a DORMOTION damping unit, we recommend installation of a pull handle.

Note: Please take note of glass preparation on page 70

Complete sets – individual lengths

Note: Please indicate the clear width (LW) or the track length when ordering. When "mounting on glass", please specify only the clearance (LW). Glass preparation see page 70.

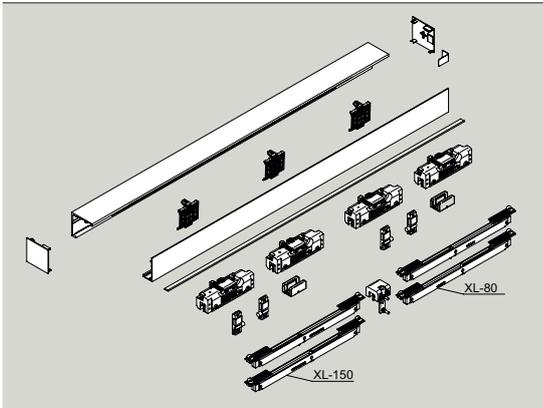
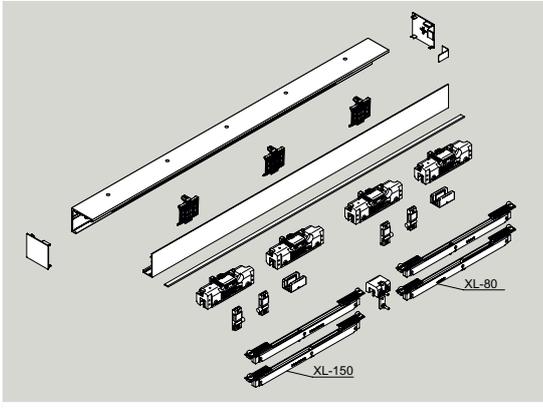
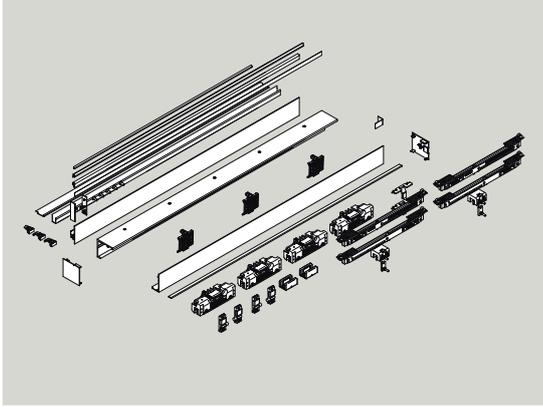
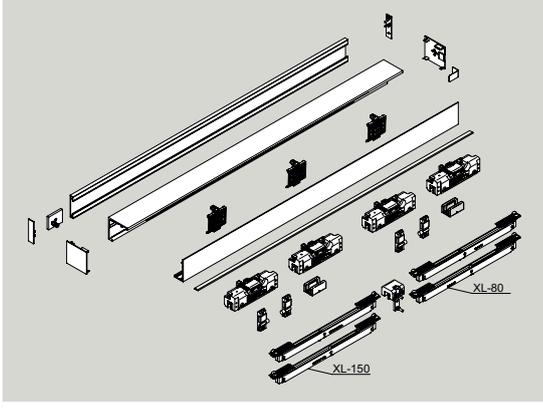
	Product description	Glass thickness	Art. No.
	MUTO Premium XL 80/150 Complete set Individual profile length up to max. 5940 mm incl. track, cover profile, screen brushes, DORMOTION unit*, accessory set, end covers		
	Wall mounting incl. DORMOTION XL - 80 max. 80 kg/min. 810 mm / max. 2500 mm	8 –13,5	36.520
	incl. DORMOTION XL - 150 max. 150 kg/min. 1020 mm / max. 2500 mm	8 –13,5	36.521
	Ceiling mounting incl. DORMOTION XL - 80 max. 80 kg/min. 810 mm / max. 2500 mm	8 –13,5	36.522
	incl. DORMOTION XL - 150 max. 150 kg/min. 1020 mm / max. 2500 mm	8 –13,5	36.523
		MUTO Premium XL80/150 Complete set for installation at ceiling + side light Individual profile length up to max. 5940 mm incl. track profile, cover profile, side light sight protection profile, filler profile, brushes, DORMOTION unit*, accessory set, end caps, max 80 kg	
incl. DORMOTION XL – 80 max. 80 kg/min. 810 mm/max. 2500 mm		8–13.5	36.515
incl. DORMOTION XL – 150 max. 150 kg/min. 1020 mm/max. 2500 mm		8–13.5	36.516
		MUTO Premium XL 80/150 Set for glass installation Individual profile length up to max. 5067 mm incl. track profile, cover profile and brushes, counter profile, DORMOTION unit*, accessory set, end caps	
	incl. DORMOTION XL – 80 max. 80 kg/min. 810 mm/max. 2500 mm	8–13.5	36.524
	incl. DORMOTION XL – 150 max. 150 kg/min. 1020 mm/max. 2500 mm	8–13.5	36.525

Note: Please take note of glass preparation on page 72

*When using a DORMOTION damping unit, we recommend installation of a pull handle.

Complete sets – individual lengths, double panel door

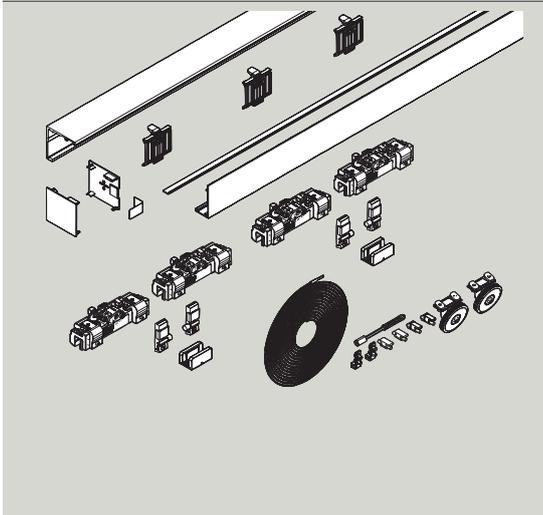
Note: Please indicate the clear width (LW) or the track length when ordering. When "mounting on glass", please specify only the clearance (LW). Glass preparation see page 70.

	Product description	Glass thickness	Art. No.
	MUTO Premium XL 80/150 Set for wall installation (with two door panels) Individual profile length up to max. 5940 mm incl. track profile, cover profile and brushes, DORMOTION unit*, accessory sets, end caps		
	incl. DORMOTION XL – 80 max. 80 kg/min. 660 mm/max. 1470 mm	8–13.5	36.526
	incl. DORMOTION XL – 150 max. 150 kg/min. 660 mm/max. 1470 mm	8–13.5	36.527
	MUTO Premium XL 80/150 Set for ceiling installation (with two door panels) Individual profile length up to max. 5940 mm incl. track profile, cover profile and brushes, DORMOTION unit*, accessory sets, end caps		
	incl. DORMOTION XL – 80 max. 80 kg/min. 660 mm/max. 1470 mm	8–13.5	36.528
	incl. DORMOTION XL – 150 max. 150 kg/min. 660 mm/max. 1470 mm	8–13.5	36.529
	MUTO Premium XL 80/150 Complete set Ceiling mounting (with two door panels) with side panel on both sides Individual profile length up to max. 5940 mm incl. top track, cover profile, side panel privacy profile, full profile, privacy brushes, DORMOTION units*, accessory sets, end covers		
	incl. DORMOTION XL - 80 max. 80 kg / min. 660 mm / max. 1470 mm	8 –13,5	36.518
	incl. DORMOTION XL – 150 max. 150 kg / min. 660 mm / max. 1470 mm	8 –13,5	36.517
	MUTO Premium XL 80/150 Set for glass installation (with two door panels) Individual profile length up to max. 5940 mm incl. track profile, cover profile and brushes, counter profile, DORMOTION unit*, accessory sets, end caps		
	incl. DORMOTION XL – 80 max. 80 kg/min. 660 mm/max. 1470 mm	8–13.5	36.530
	incl. DORMOTION XL – 150 max. 150 kg/min. 660 mm/max. 1470 mm	8–13.5	36.531

Note: Please take note of glass preparation on page 73

*When using a DORMOTION damping unit, we recommend installation of a pull handle.

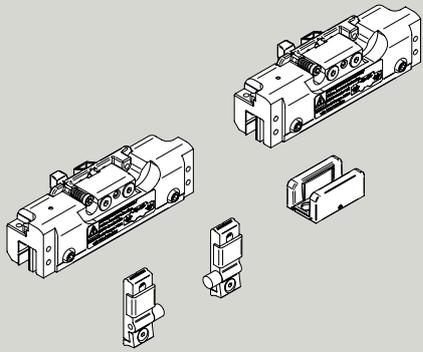
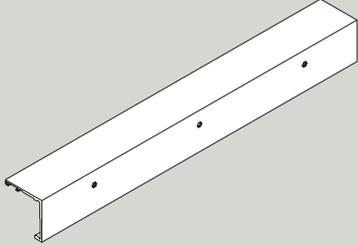
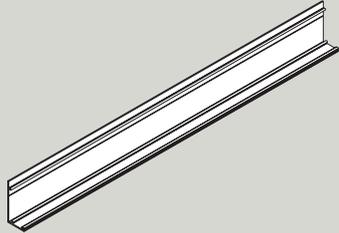
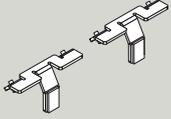
Complete sets – individual lengths, double panel door

	Product description	min. panel width	max. panel width	Glass thickness	Art. No.
	Premium XL Synchro Set for 2-panel door, Fixed length without DORMOTION Profile length xxxx mm* (max. 5940 mm) Incl. track profile, cover profile and brushes max. 80 kg per panel				
	Wall mounting	660	1470	8 –13,5	36.532
	Ceiling mounting	660	1470	8 –13,5	36.533
	Glass mounting	660 (min. LW 1.266)	1470 (max. LW 2.886)	8 –13,5	36.534
	Incl. track profile, cover profile, counter profile and brushes				

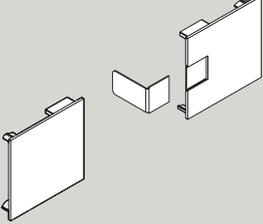
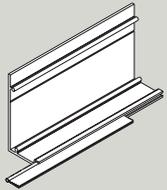
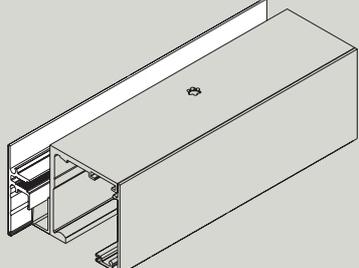
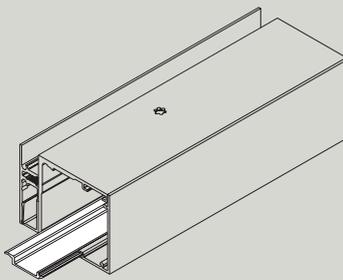
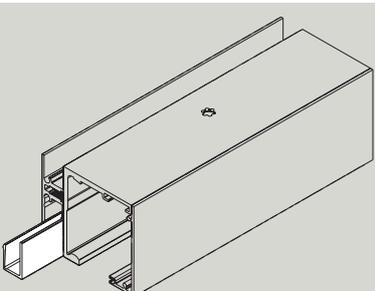
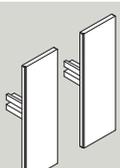
* to be defined by customer (Please take note of glass preparation on page 70 „Type illustrations glass installation“ auf Seite 70)

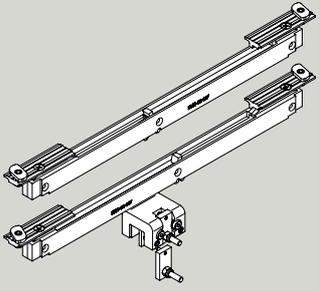
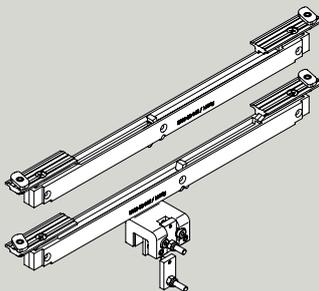
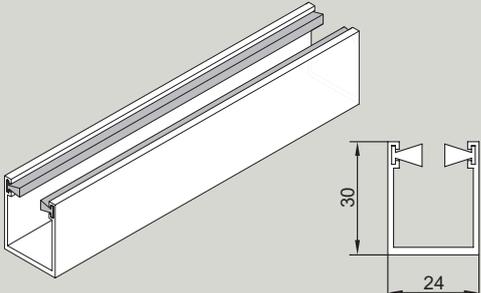
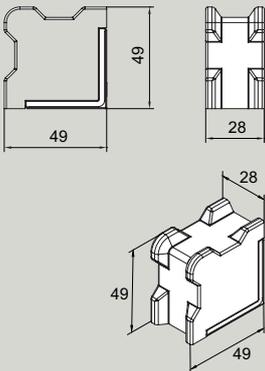
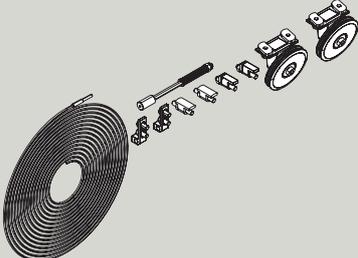
Note: Please indicate the clear width (LW) or the track length when ordering. For "mounting on glass", please specify only the clear width (LW). Observe glass processing page 70 „Type illustrations glass installation“ auf Seite 70

Component parts

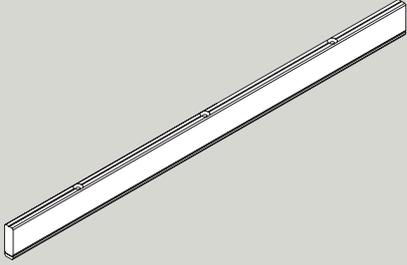
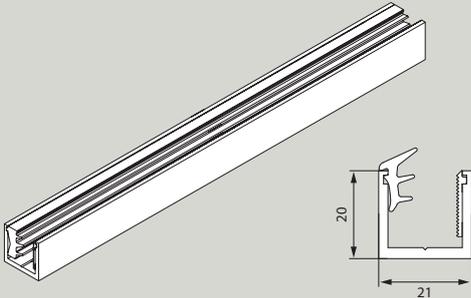
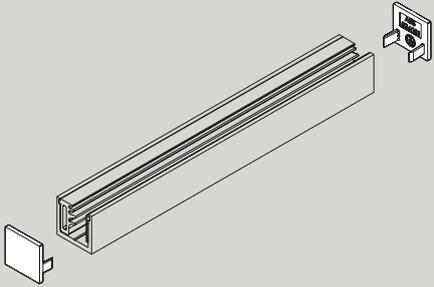
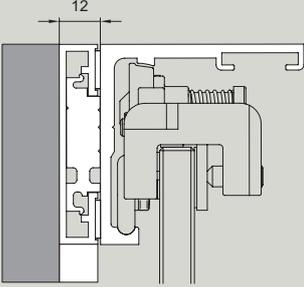
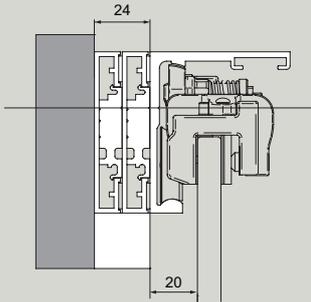
	Product description	Art. No.
	<p>MUTO Premium XL 80/150 Accessory set Consisting of: 2 Clamp carriers 2 Endstops 1 Floor guide</p>	<p>36.550</p>
	<p>MUTO Premium XL 80/150 Track DORMOTION</p> <p>Stock length 6000 mm Wall mounting Ceiling mounting</p> <p>Fixed length Wall mounting Ceiling mounting</p>	<p>36.552 36.554 36.553 36.555</p>
	<p>MUTO Premium XL 80/150 Cover profile</p> <p>stock length 6000 mm fixed length</p>	<p>36.566 36.567</p>
	<p>MUTO spacer (2 pieces) for installation between two walls</p>	<p>36.890</p>

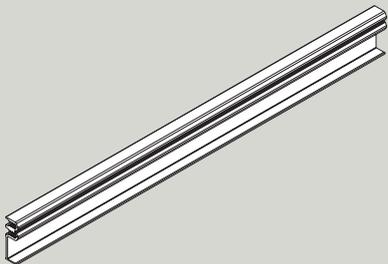
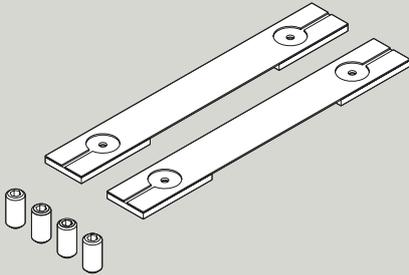
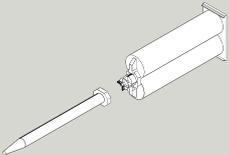
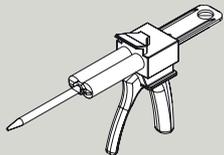
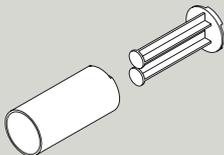
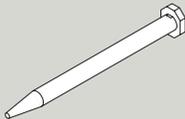
Component parts

	Product description	Art. No.
	MUTO Premium XL 80/150 Set endcaps for wall and ceiling installation	36.556
	MUTO Brush profile set for Comfort 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 Side light profile 69 mm high, with gaskets, for 8 – 13.5 mm glass stock length 6000 mm fixed length	36.469 36.474 When installing between two walls, please give particular attention to the width of the end covers (each 2 mm).
	MUTO Filling profile for Comfort L, Premium XL and Self-Closing, for side light profile stock length 6000 mm fixed length	36.800 36.801
	MUTO Filling profile for Comfort L, Premium XL and Self-Closing, stock length 6000 mm fixed length	36.802 36.803
	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.)	36.471

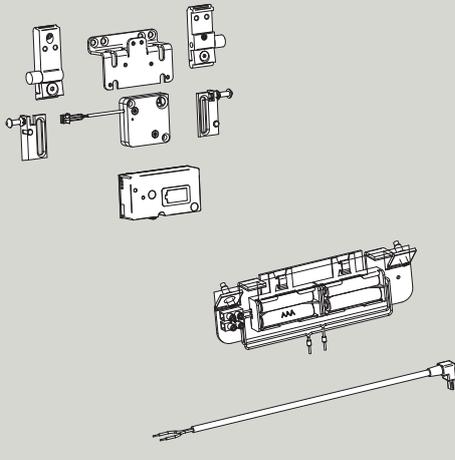
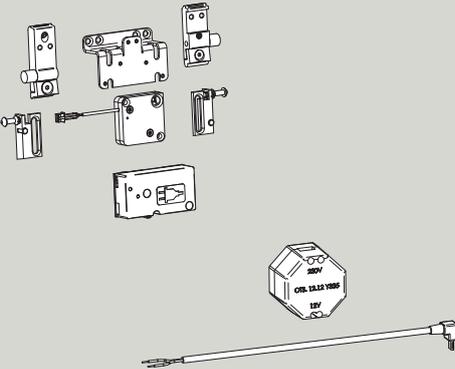
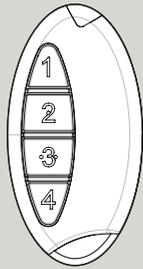
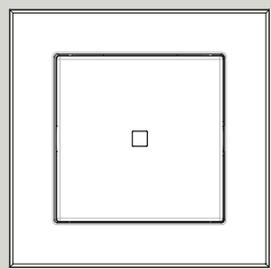
	Product description	Art. No.
	<p>MUTO Premium XL 80 DORMOTION unit 2021 Panel width min. 660 mm for max. 80 kg, incl. starter</p> <p>When using a DORMOTION damping unit, we recommend installation of a pull handle.</p>	<p>36.570</p>
	<p>MUTO Premium XL 150 DORMOTION unit 2021 Panel width min. 660 mm for max. 150 kg, incl. starter</p> <p>When using a DORMOTION damping unit, we recommend installation of a pull handle.</p>	<p>36.571</p>
	<p>MUTO Premium XL 80/150 Subsurface floor guide track rail with brushes</p> <p>stock length 6000 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>
	<p>MUTO Premium XL 80 Synchro set Consisting of: 1 wire 2 pulley</p> <p>Max. 80 kg per panel</p> <p>only possible without locking device</p>	<p>36.560 Optional</p>

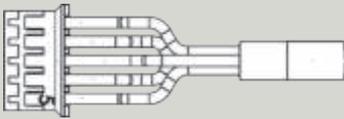
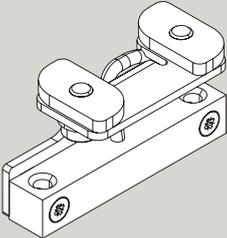
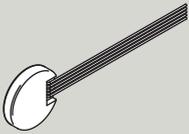
Component parts

	Product description	Art. No.
	<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>1460 mm fixed length max. 2500 mm</p> <p>Please indicate the wooden door leaf width when ordering!</p>	<p>36.461 36.464</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 6000 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 Premium - balance profile set 12 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length</p>	<p>36.870</p>
	<p>MUTO Premium - balance profile set 24 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length</p>	<p>36.871</p>

	Product description	Art. No.
	<p>MUTO Connecting profile for false ceilings, incl. accessory set for Comfort M, L and Premium XL,</p> <p>stock length 6000 mm fixed length</p>	<p>36.821 36.820</p>
	<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 The contents of the cartridge are sufficient for 10 clamp carriers (varies if the nozzle contents have dried out!) If necessary, order additional spare nozzles (art. no. 07.630).</p>	<p>07.631</p>
	<p>Automix gun for LSG Use in combination with article 07.631</p>	<p>07.629</p>
	<p>Automix adapter for LSG Use in combination with article 07.631 (for use with a commercially available silicone syringe)</p>	<p>07.628</p>
	<p>Spare nozzle for LSG Use in combination with article 07.631</p>	<p>07.630</p>

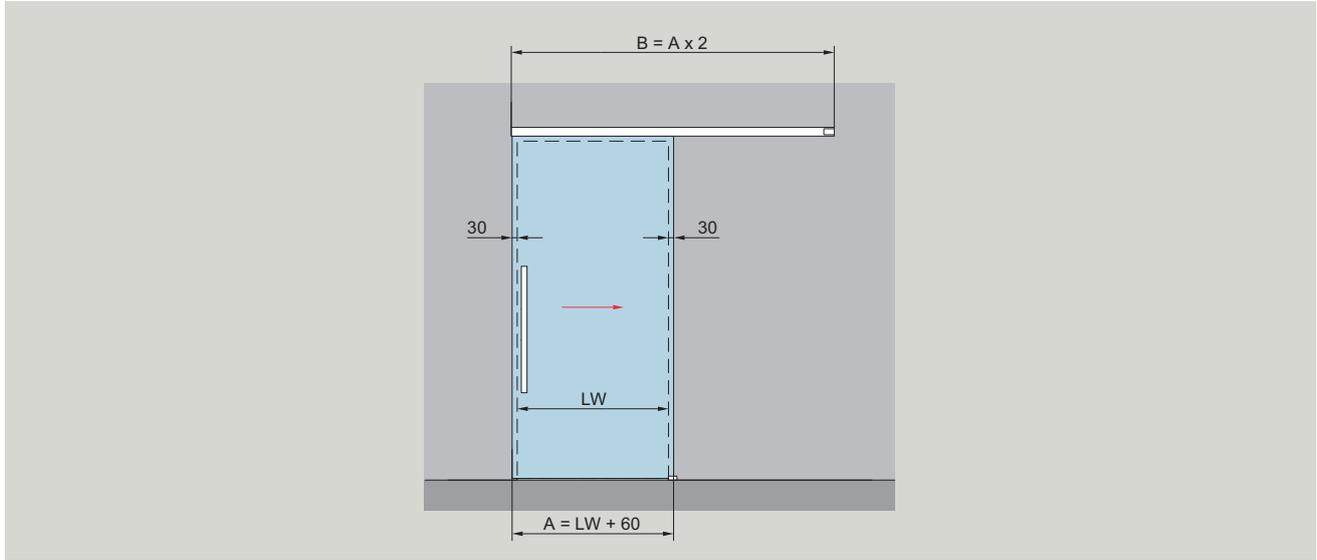
Component parts

	Product description	Art. No.
	<p>MUTO Integrated locking device Battery for Comfort L, Premium XL, Premium Self-Closing and Premium Telescopic (not suitable as a security barrier) Consisting of: 1 receiver unit 1 mounting bracket for locking 1 locking device 1 stopper XL 4 batteries (Energizer L92 Ultimate Lithium: AAA1.5V) 1 battery carrier Attention: Not suitable for Synchro version.</p>	<p>36.859</p>
	<p>MUTO Integrated locking device Battery for Comfort L, Premium XL, Premium Self-Closing and Premium Telescopic (not suitable as a security barrier) Consisting of: 1 receiver unit 1 mounting bracket for locking 1 locking device 1 stopper XL Transformer, suitable for flush-mounted box Attention: Not suitable for Synchro version.</p>	<p>36.886</p>
	<p>MUTO Radio remote control for Comfort L, Premium XL and Self-Closing, 1 Radio remote control 1 Battery</p>	<p>36.885</p>
	<p>MUTO Wall switch with radio remote control for Comfort L, Premium XL and Self-Closing, 1 Wall switch 1 Battery</p>	<p>36.848</p>

	Product description	Art. No.
	<p>MUTO Accessory for locking unit for Comfort L, Premium XL and Self-Closing,</p> <p>1 cable set for an optional use of the status indicator integrated in the locking unit</p>	<p>36.855</p>
	<p>MUTO Locking device set for Comfort L and Premium XL</p> <p>Consisting of: 1 Sensor 1 Adapter for track reception 1 Cable</p>	<p>36.840</p>
	<p>Concealed transmitter BRC-T DORMA-GLAS bi-directional flush-mounted radio transmitter BRC-T, battery-operated, for installation in a switch with a deep flush-mounting box in conjunction with on-site push-button</p>	<p>29301003</p>

Vertical brush seals can be found on page 182

Type illustrations wall installation



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

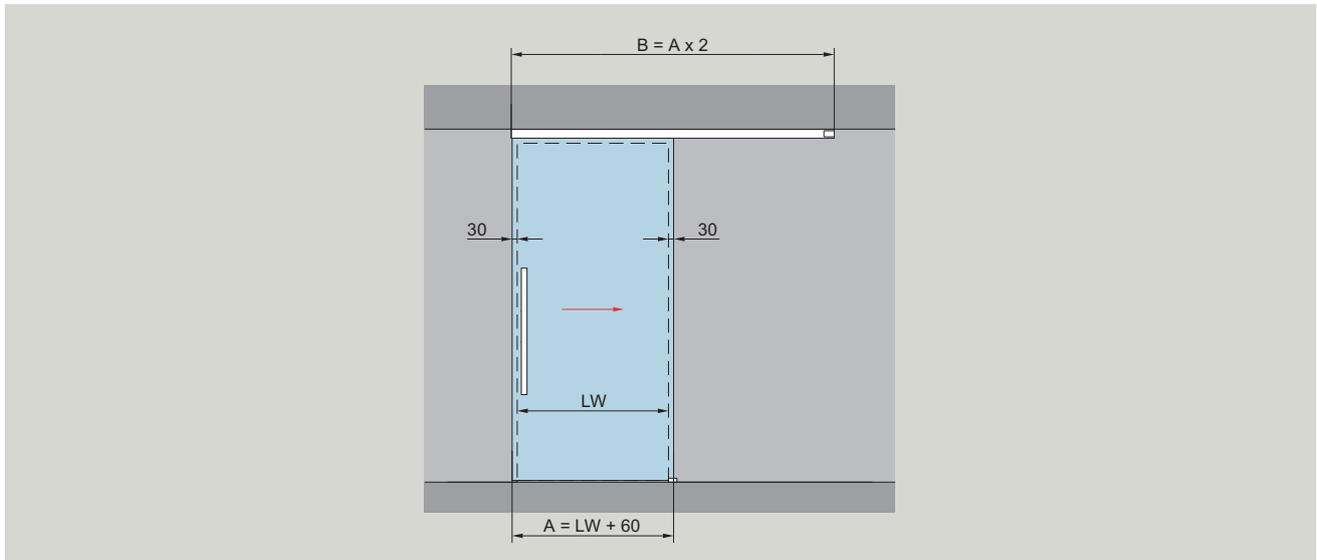
Fixed at wall	Product description	Glass thickness
<p>The diagram shows a detailed cross-section of the sliding door mechanism. The track is 100mm wide. The door panel has a height of 69mm. The track has a depth of 24mm and a height of 45mm. The protrusion of the door panel into the track is 'X'. The distance from the bottom of the track to the bottom of the door panel is 20mm. The distance from the bottom of the door panel to the bottom of the track is 'Y'. The height of the door panel is 'LH'. The total height of the assembly is 'H'. The glass height is 'GH1 = LH + 22 + X'. The glass thickness is 't1'. The bottom of the door panel is 10 ±5mm from the floor.</p>	For installation with one door panel	8 – 13.5
	Max. weight of door panels	
	120 kg	
	Calculation of glass height	
	GH1 = LH + 22 + X mm	
	max. 3000 mm	
	Calculation of glass width	
	A = LW + 60 mm	
	min. 850 mm (DORMOTION on one side)	
	Max. travel 1450 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
- H = Total height
- LH = Clear opening height

- LW = Clear opening width
- t1 = Glass thickness sliding door
- 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)

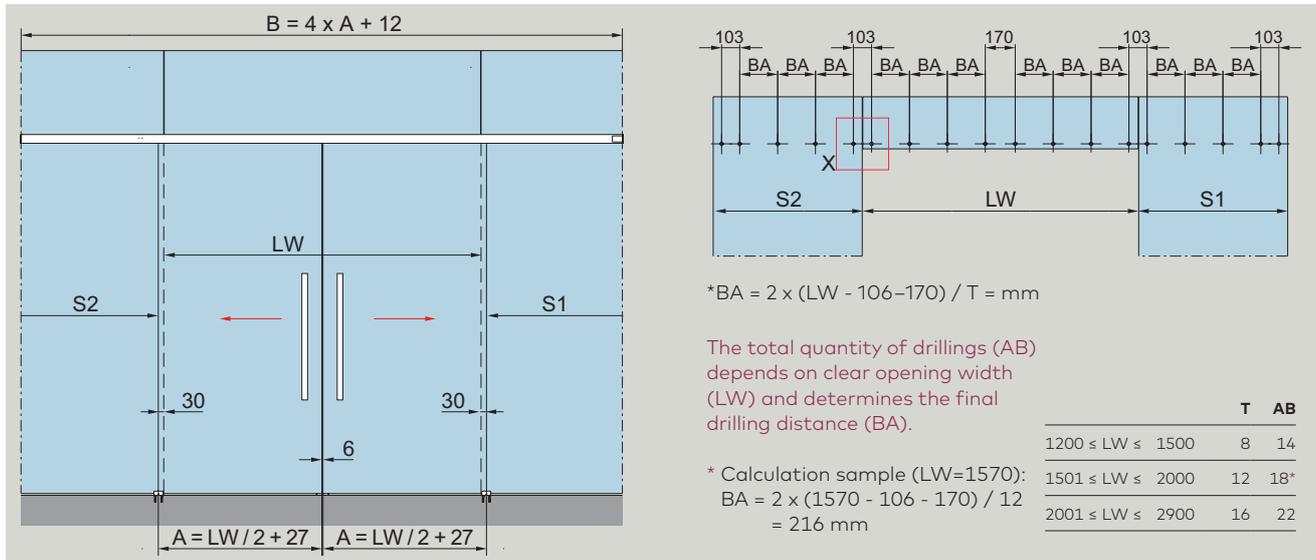
Fixed at ceiling	Product description	Glass thickness
	<p>For installation with one door panel</p> <p>Max. weight of door panels 120 kg</p> <p>Calculation of glass height GH1 = H - 47 mm max. 3000 mm</p> <p>Calculation of glass width A = LW + 60 mm min. 850 mm (DORMOTION on one side) Max. travel 1450 mm</p>	8 – 13.5

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
H = Total height

LH = Clear opening height
LW = Clear opening width
t1 = Glass thickness sliding door
Y = 100 mm - 20 mm - t

Type illustrations with two door panels fixed at glass



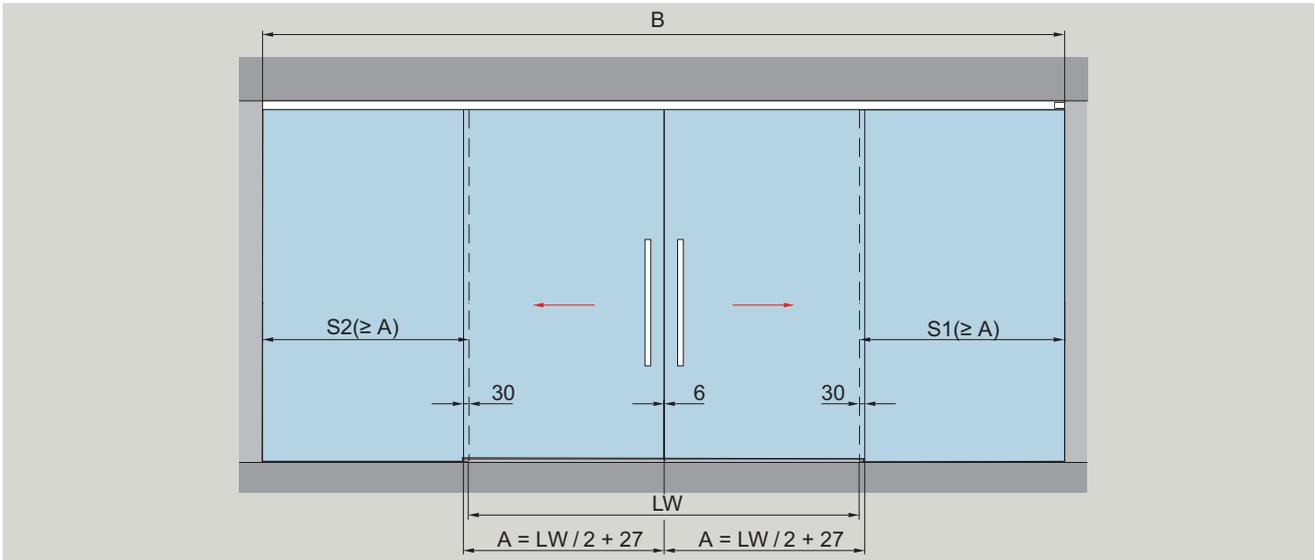
You will find a calculation tool for the glass preparation of the fixed parts MUTO on glass under the following link <https://glas-innovationen.com/glass-innovations/muto>

Glass preparation	Product description	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 $GH = LH + 22 \text{ mm}$, max. 3000 mm</p> <p>Calculation of glass width $A = LW / 2 + 27 \text{ mm}$ min. 850 mm max. $2 \times 1470 \text{ mm}$ max. travel 1450 mm</p>	8 – 13.5

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>							
	<table border="1"> <tbody> <tr> <td>min. door width</td> <td>850 mm</td> </tr> <tr> <td>max. door width</td> <td>1470 mm</td> </tr> <tr> <td>max. travel</td> <td>1450 mm</td> </tr> </tbody> </table>	min. door width	850 mm	max. door width	1470 mm	max. travel	1450 mm	
min. door width	850 mm							
max. door width	1470 mm							
max. travel	1450 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
- GH1 = Glass height sliding door
- 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 with two door panels with sidelight

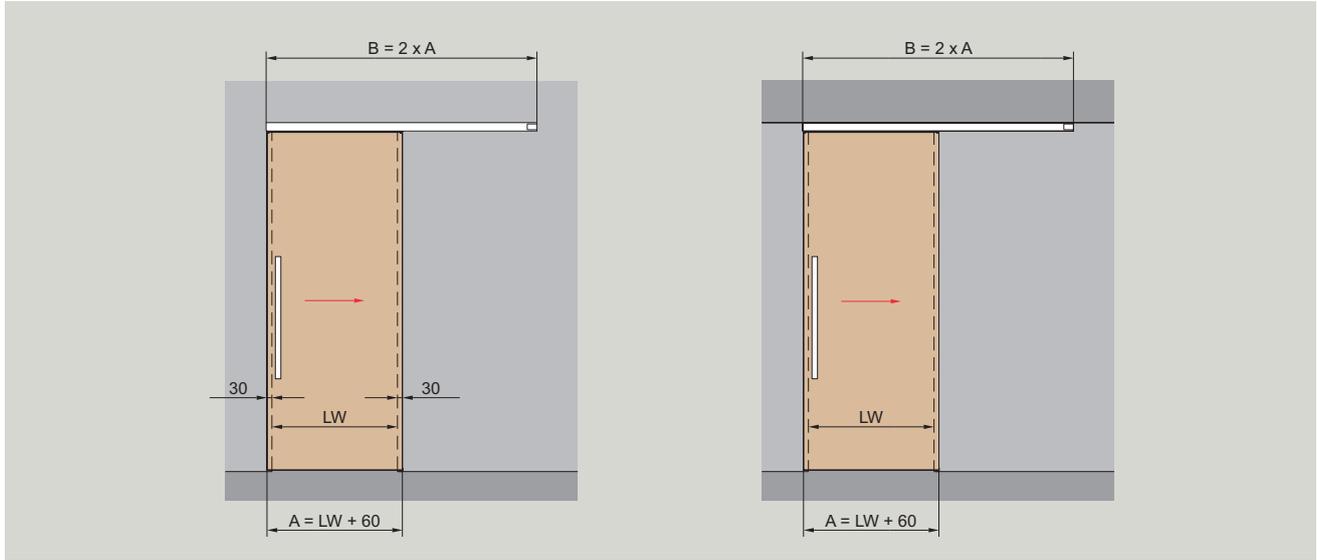


Fixed at ceiling	Fixed at false ceiling	Product description	Glass thickness
		<p>For installation with two door panels with sidelights</p> <p>Max. weight of door panels 120 kg</p> <p>Calculation of glass height for installation at ceiling GH1 = H - 47 mm GH2 = H - 62 mm max. 3000 mm</p> <p>Calculation of glass height for installation at false ceiling GH1 = LH + 21 mm GH2 = LH + 7 mm max. 3000 mm</p> <p>Calculation of glass width A = LW / 2 + 27 mm min. 2 x 850 mm max. 2 x 1470 mm max. travel 1450 mm</p>	8 – 13.5

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 for timber door applications



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

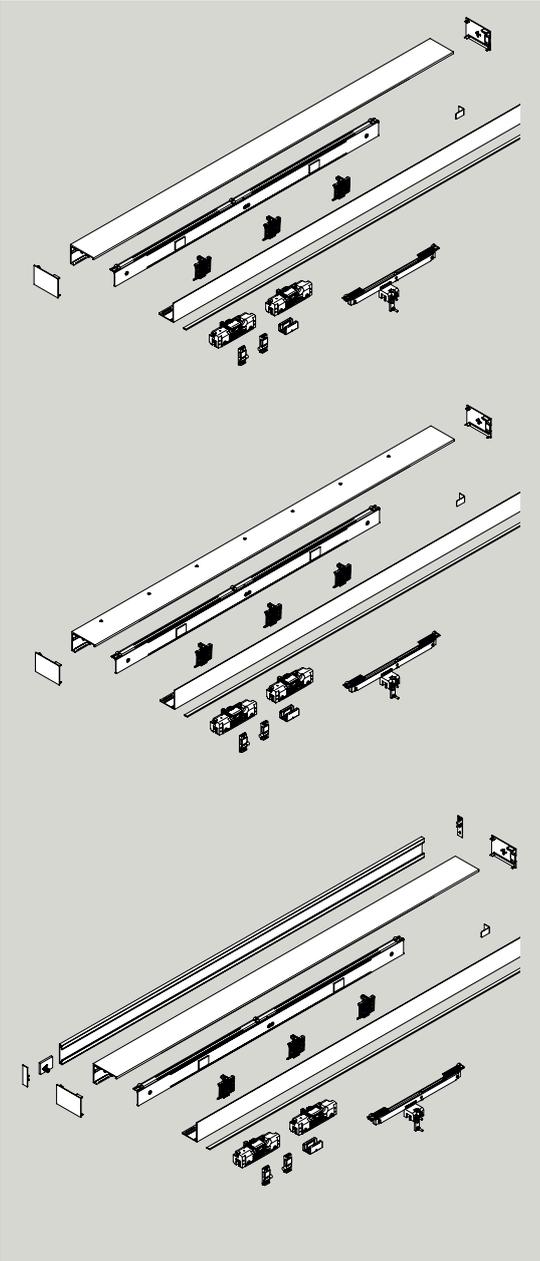
Fixed at wall	Fixed at ceiling	Product description	Wood thickness
		<p>For installation with one door panel</p> <p>Max. weight of door panels 120 kg</p> <p>Calculation of door height fixed at wall TH = LH - 18 + X mm max. 3000 mm</p> <p>Calculation of door height fixed at ceiling TH = H - 87 mm max. 3000 mm</p> <p>Calculation of door width A = LW + 60 mm min. 850 mm (DORMOTION on one side) Max. travel 1450 mm</p>	28 – 50
<p>* Timber door 100 mm, solid wood, for attachment to timber adapter.</p>			

- A = Timber door 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 mm - 20 mm - t1

Space for your notes

Complete sets - defined panel width

	Product description	DIN	Clear opening width	Panel width	Profile length	Art. No.
	MUTO Premium-Self-Closing 120 incl. running track, cover profile, privacy brushes, elastic cord, DORMOTION unit (one-sided)*, accessory set, end caps For 8 - 13.5 mm glass thickness, max. 120 kg					
	Wall mounting	Left	950	1880	36.600	
		Right	950	1880	36.601	
		Left	1250	2480	36.610	
		Right	1250	2480	36.611	
		Left	1450	2880	36.602	
		Right	1450	2880	36.603	
	Ceiling mounting	Left	950	1880	36.604	
		Right	950	1880	36.605	
		Left	1250	2480	36.612	
		Right	1250	2480	36.613	
		Left	1450	2880	36.606	
		Right	1450	2880	36.607	
	Mounting on glass	Left	850	910	1887	36.614
		Right	850	910	1887	36.615
	Left	1050	1110	2287	36.161	
	Right	1050	1110	2287	36.617	
	Left	1250	1310	2687	36.608	
	Right	1250	1310	2687	36.609	

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

*When using a DORMOTION damping unit, we recommend installation of a pull handle.

Complete sets - defined lengths

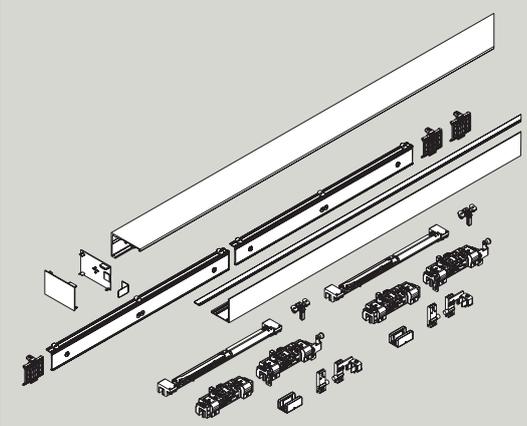
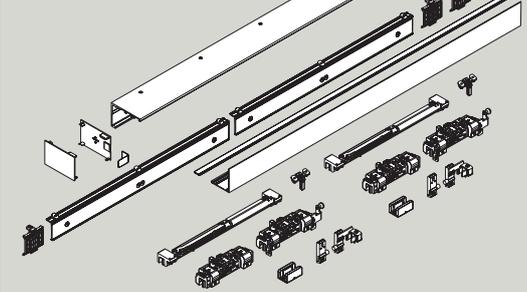
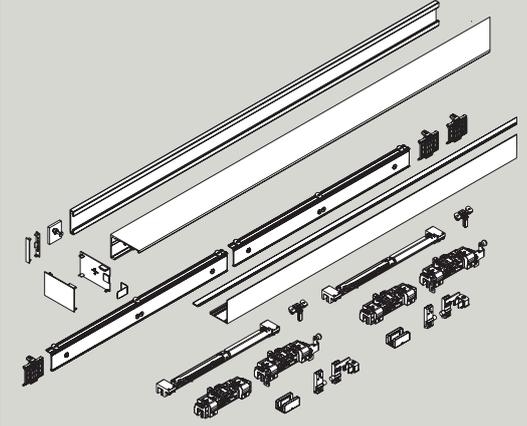
	Product description	DIN	Glass thickness	Art. No.
	MUTO Premium Self-Closing 120 Individual profile length up to max. 5940 mm min. Glass width 850 mm, max. 1500 mm incl. track, cover profile, privacy brushes, elastic wire, DORMOTION unit (one-sided)*, accessory set, end covers max. 120 kg			
	When ordering, please specify clearance width (LW) or track length when ordering!			
	Wall mounting	Left	8 – 13,5	36.620
		Right	8 – 13,5	36.621
	Ceiling mounting	Left	8 – 13,5	36.622
		Right	8 – 13,5	36.623
	Ceiling mount. + side panel, incl. side screen and infill profile,	Left	8 – 13,5	36.629
		Right	8 – 13,5	36.630
	Mounting on glass	Left	8 – 13,5	36.624
		Right	8 – 13,5	36.625

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

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

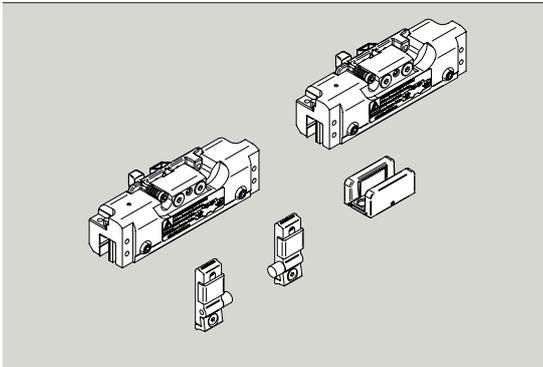
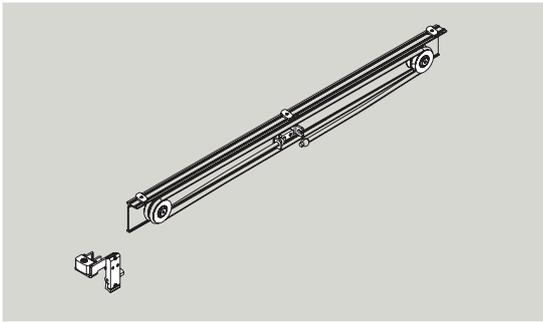
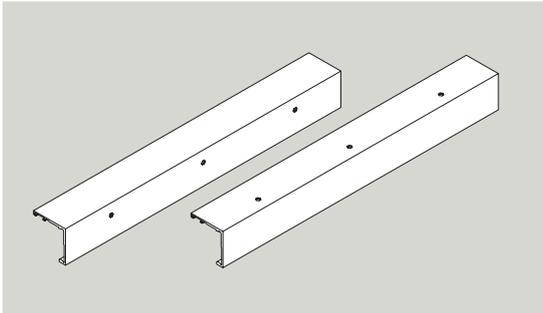
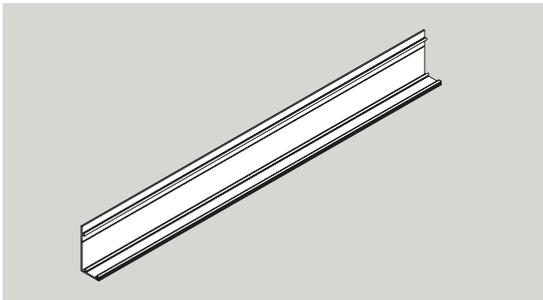
*When using a DORMOTION damping unit, we recommend installation of a pull handle.

Note: Please take note of glass preparation on page 91

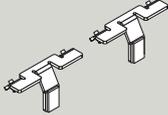
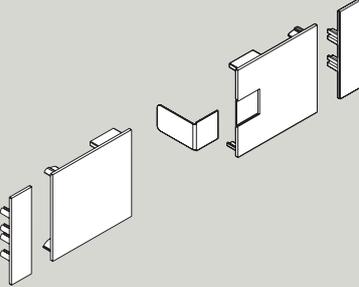
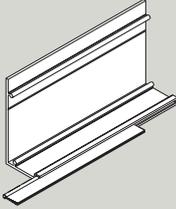
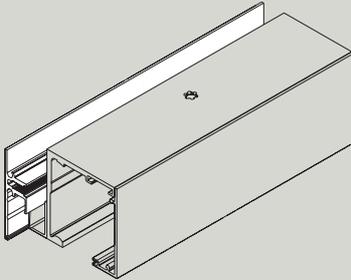
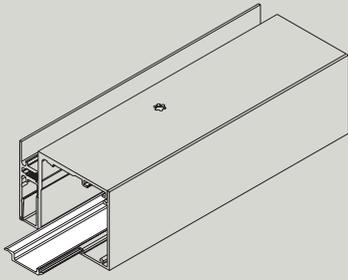
	Product description	Art. No.
	<p>MUTO Premium Self-Closing 120 Set for 2-panel door Fixed length, incl. DORMOTION, max. 120 kg Min. panel width 850 mm Profile length xxxx mm* (max. 5940 mm) Max. panel width 1470 mm Incl. track, cover profile and brushes Complete accessories for 8 - 13.5 mm glass thickness</p> <p>When ordering, please specify clear width (LW) or track length when ordering!</p>	
	Wall mounting	36.626
	Ceiling mounting	36.627
	Glass mounting	36.628

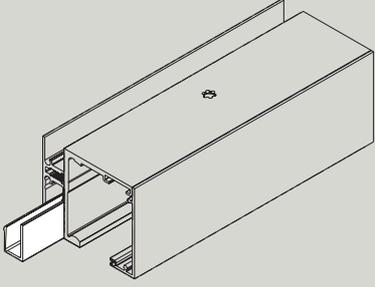
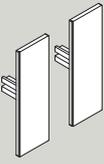
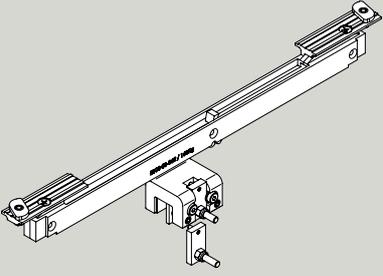
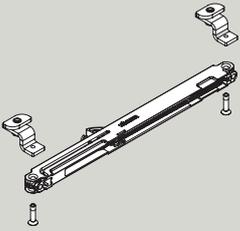
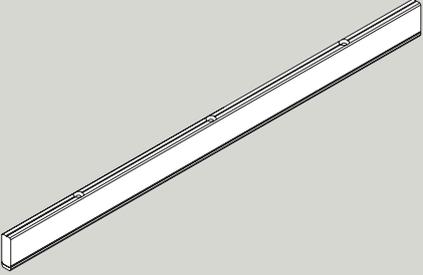
* to be defined by customer

Component parts

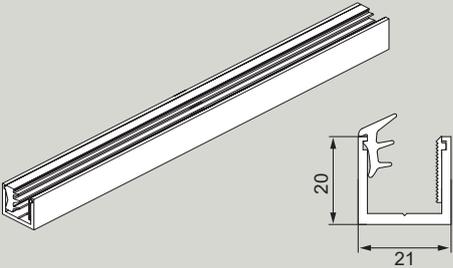
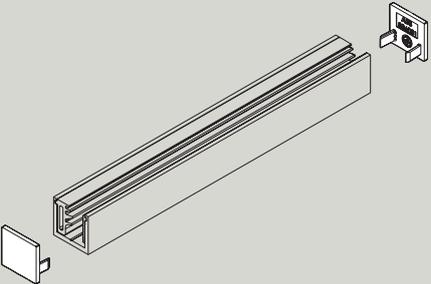
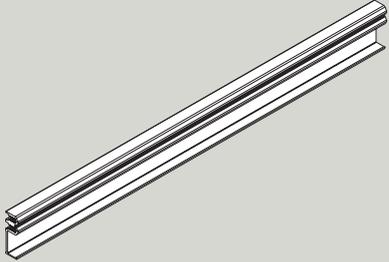
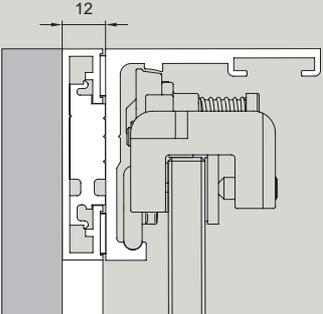
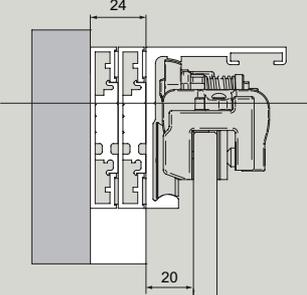
	Product description	Art. No.
	MUTO Premium XL 80/150 Accessory set Consisting of: 2 Clamp carriers 2 Endstops 1 Floor guide	36.550
	MUTO Premium Self-Closing 120 Elastic cable with accessories Opening to right side, closing to left side (DIN Left) Opening to left side, closing to right side (DIN Right) length: 1100 mm	36.657 36.658 not illustr.
	MUTO Premium Self-Closing 120 track Bearing length 6000 mm Wall mounting Ceiling mounting Fixed length Wall mounting Ceiling mounting	 36.850 36.651 36.852 36.653
	MUTO Premium Self-Closing 120 Cover profile stock length 6000 mm fixed length	 36.854 36.655

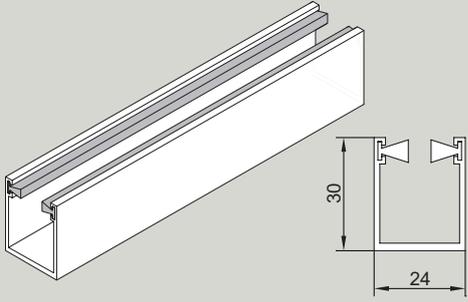
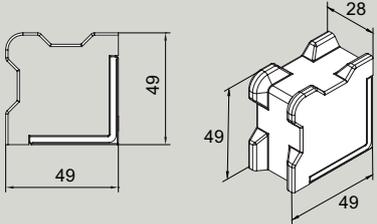
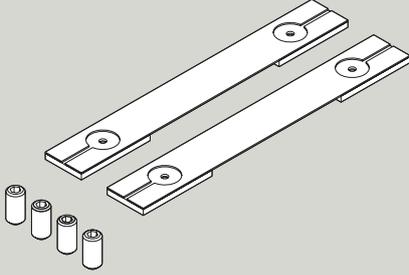
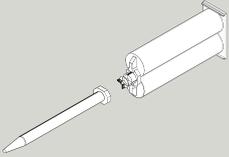
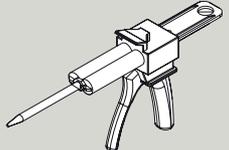
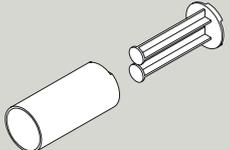
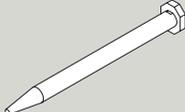
Component parts

	Product description	Glass thickness	Art. No.
	MUTO spacer (2 pieces) for installation between two walls		36.890
	MUTO Premium Self-Closing 120 End caps for wall and ceiling installation		36.656
	MUTO Brush profile set for Comfort 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 Side light profile 69 mm high, with gaskets stock length 6000 mm fixed length	8 – 13.5 8 – 13.5	36.469 36.474
	MUTO Filling profile for Comfort L, Premium XL and Self-Closing, for side light profile stock length 6000 mm fixed length		36.800 36.801

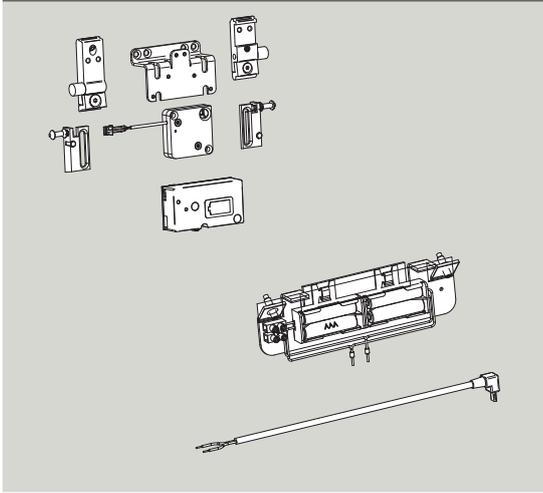
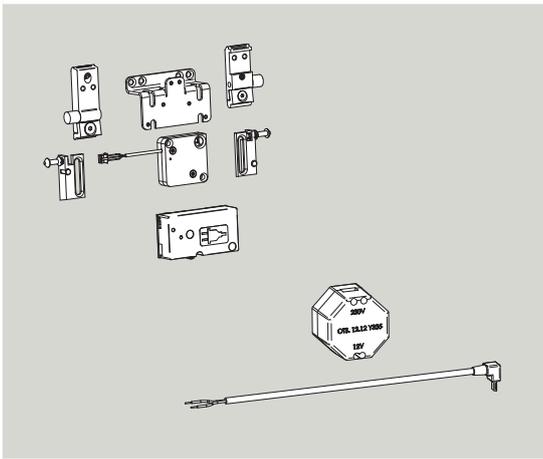
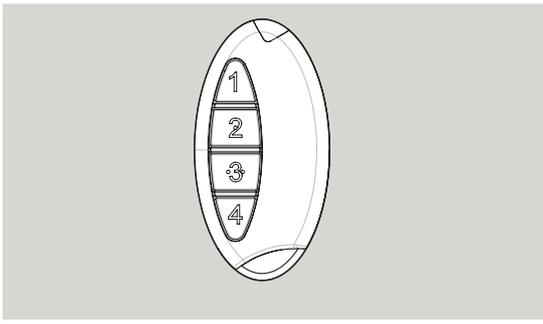
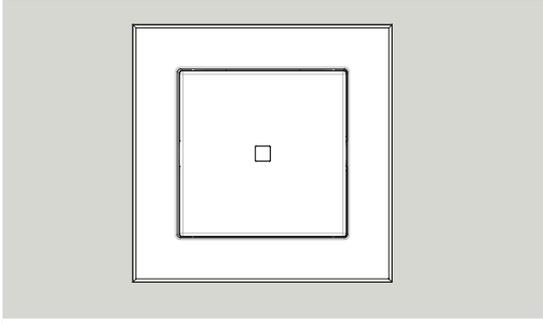
	Product description	Art. No.
	<p>MUTO Filling profile for Comfort L, Premium XL and Self-Closing,</p> <p>stock length 6000 mm fixed length</p>	<p>36.802 36.803</p>
	<p>MUTO Premium Self-Closing 120 End caps for side light profile, each 2 mm width (When installing between two walls, please give particular attention to it.)</p>	<p>36.471</p>
	<p>MUTO Premium Self-Closing 120 DORMOTION-Set – for dampening the door at the open side 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>36.648 36.649 not illustr.</p>
	<p>MUTO Premium Self-Closing 120 optional opening damping set (maximum 120 kg) to use left or right – for dampening the door at the open side</p>	<p>36.666</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>1460 mm fixed length max. 2500 mm</p> <p>Please indicate the wooden door leaf width when ordering!</p>	<p>36.461 36.464</p>

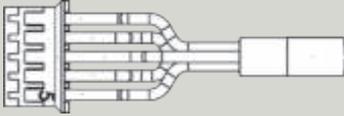
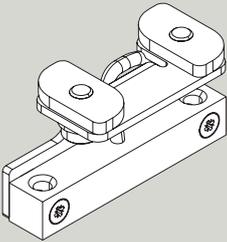
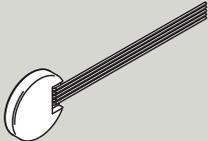
Component parts

	Product description	Glass thickness	Art. No.
 <p>Technical drawing of the MUTO floor profile. It shows a perspective view of a long, narrow profile with a U-shaped channel. A cross-sectional view to the right shows the profile's depth and width, with dimensions 20 mm and 21 mm indicated.</p>	<p>MUTO Floor profile for Comfort L and Premium XL, for fixing side light, with gaskets, incl. end caps</p>	<p>8 – 13.5 8 – 13.5</p>	<p>36.810 36.811</p>
 <p>Technical drawing showing two end caps. One is shown as a small rectangular piece with a notch, and the other is shown as a larger piece with a circular hole and a notch, designed to fit onto the floor profile.</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>Technical drawing of a long, narrow connection profile with a U-shaped channel, similar to the floor profile but with a different internal structure.</p>	<p>MUTO Comfort connection profile for false ceilings incl. accessory set for Comfort M, L and Premium XL, stock length 6000 mm fixed length</p>		<p>36.821 36.820</p>
 <p>Technical drawing showing a cross-section of a door frame with a 12mm thick glass pane. A balance profile is shown being installed over the frame, with a dimension line indicating the 12mm thickness.</p>	<p>MUTO Premium - balance profile set 12 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length</p>	<p>36.870</p>	
 <p>Technical drawing showing a cross-section of a door frame with a 24mm thick glass pane. A balance profile is shown being installed over the frame, with dimension lines indicating the 24mm thickness and a 20mm offset.</p>	<p>MUTO Premium - balance profile set 24 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length</p>	<p>36.871</p>	

	Product description	Art. No.
	<p>MUTO Premium XL 80/150 Subsurface floor guide track rail with brushes</p> <p>stock length 6000 mm fixed length</p>	<p>36.561 36.562</p>
	<p>MUTO Comfort Floorstop</p> <p>for Comfort L and Premium XL, for glass- oder timber side light</p>	<p>36.851</p>
	<p>MUTO Premium XL 80/150 LSG-Set</p> <p>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>The contents of the cartridge are sufficient for 10 clamp carriers (varies if the nozzle contents have dried out!) If necessary, order additional spare nozzles (art. no. 07.630).</p>	<p>07.631</p>
	<p>Automix gun for LSG</p> <p>Use in combination with article 07.631</p>	<p>07.629</p>
	<p>Automix adapter for LSG</p> <p>Use in combination with article 07.631 (for use with a commercially available silicone syringe)</p>	<p>07.628</p>
	<p>Spare nozzle for LSG</p> <p>Use in combination with article 07.631</p>	<p>07.630</p>

Component parts

	Product description	Art. No.
	<p>MUTO Integrated locking device Battery for Comfort L, Premium XL, Premium Self-Closing and Premium Telescopic (not suitable as a security barrier)</p> <p>Consisting of: 1 receiver unit 1 mounting bracket for locking 1 locking device 1 stopper XL 4 batteries (Energizer L92 Ultimate Lithium: AAA1.5V) 1 battery carrier</p> <p>Attention: Not suitable for Synchro version.</p>	36.859
	<p>Battery (set of 4) for re-ordering</p>	36.886
	<p>MUTO Integrated locking device Battery for Comfort L, Premium XL, Premium Self-Closing and Premium Telescopic (not suitable as a security barrier)</p> <p>Consisting of: 1 receiver unit 1 mounting bracket for locking 1 locking device 1 stopper XL</p> <p>Transformer, suitable for flush-mounted box</p> <p>Attention: Not suitable for Synchro version.</p>	36.885
	<p>MUTO Radio remote control for Comfort L, Premium XL and Self-Closing,</p> <p>1 Radio remote control 1 Battery</p>	36.848
	<p>MUTO Wall switch with radio remote control for Comfort L, Premium XL and Self-Closing,</p> <p>1 Wall switch 1 Battery</p>	36.849

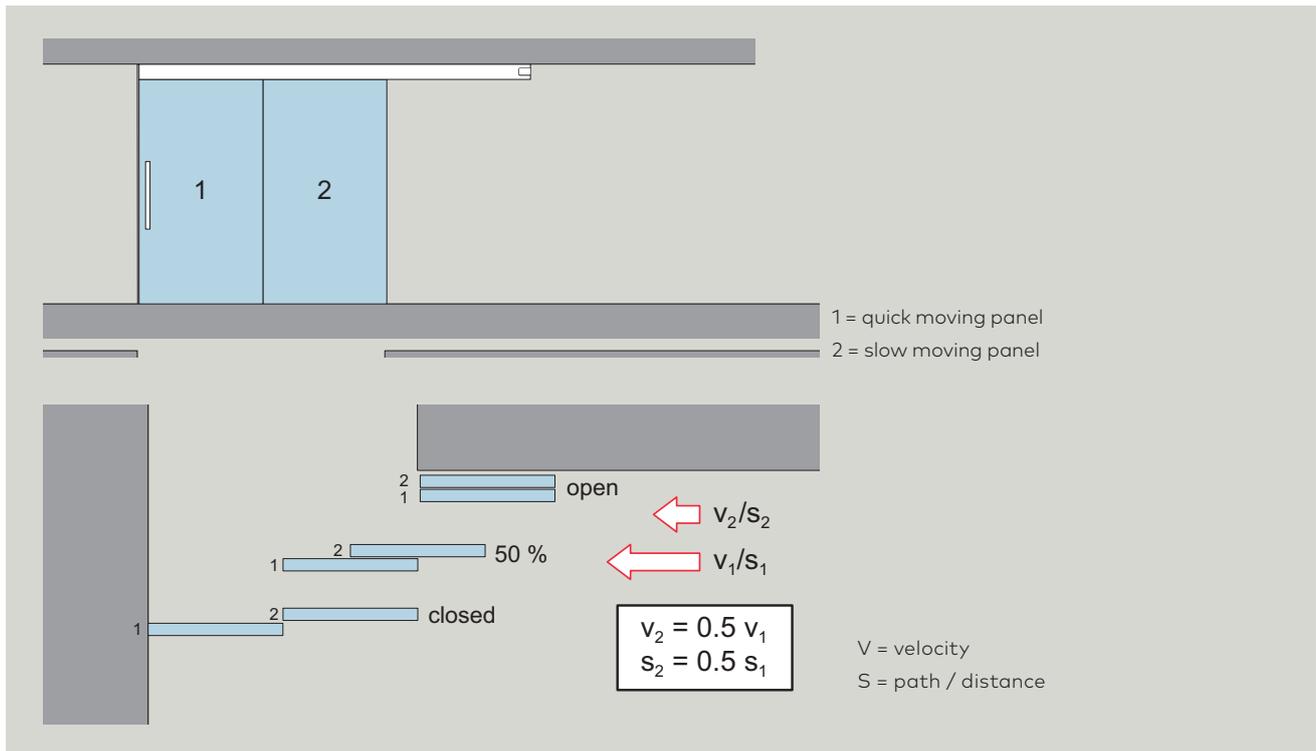
	Product description	Art. No.
	<p>MUTO Accessory for locking unit for Comfort L, Premium XL and Self-Closing,</p> <p>1 cable set for an optional use of the status indicator integrated in the locking unit</p>	<p>36.855</p>
	<p>MUTO Locking device set for Comfort L and Premium XL</p> <p>Consisting of: 1 Sensor 1 Adapter for track reception 1 Cable</p>	<p>36.840</p>
	<p>Concealed transmitter BRC-T DORMA-GLAS bi-directional flush-mounted radio transmitter BRC-T, battery-operated, for installation in a switch with a deep flush-mounting box in conjunction with on-site push-button</p>	<p>29301003</p>

Vertical brush seals can be found on page 182

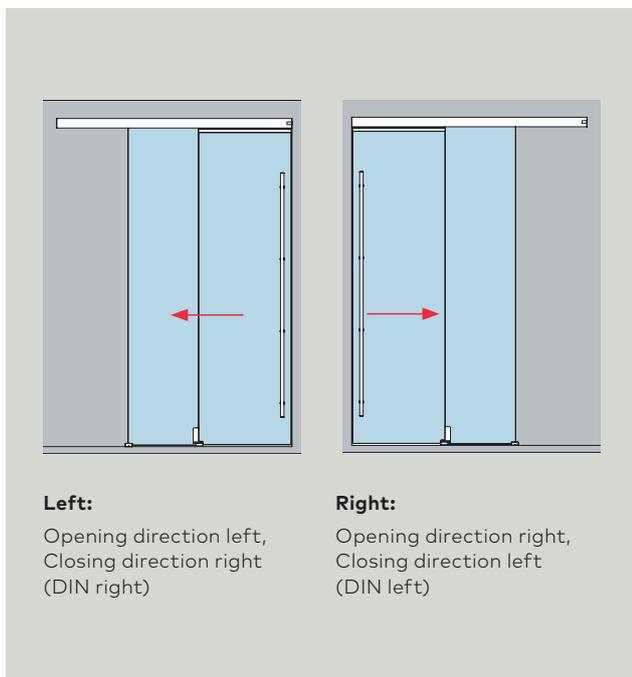
MUTO Premium Telescopic 80

Huge light openings, but small space requirement

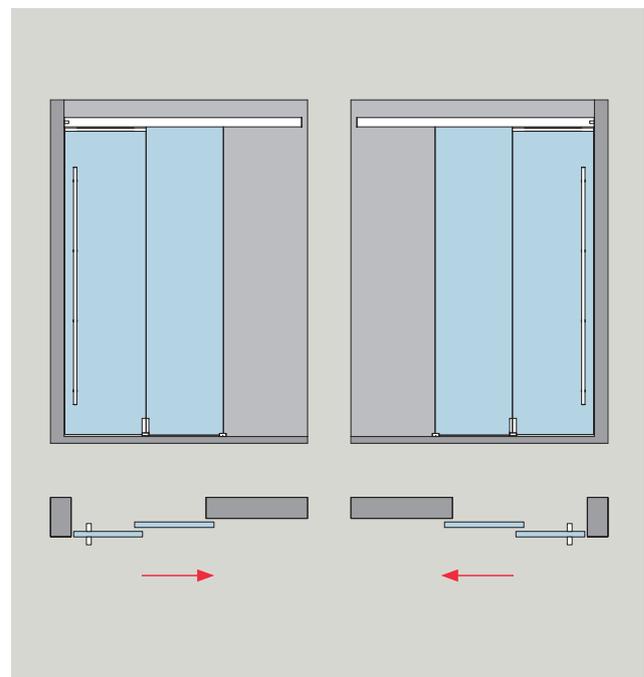
- Telescopic functionality.
- Synchronized panels, that means simultaneous movement of panel 1 (quick moving panel) and panel 2 (slow moving panel <= half speed and distance of quick moving panel)
- DORMOTION functionality (optional)
- Integrated locking device (optional)
- Status indicator (optional)



Opening directions



Installation 90° at closing edge

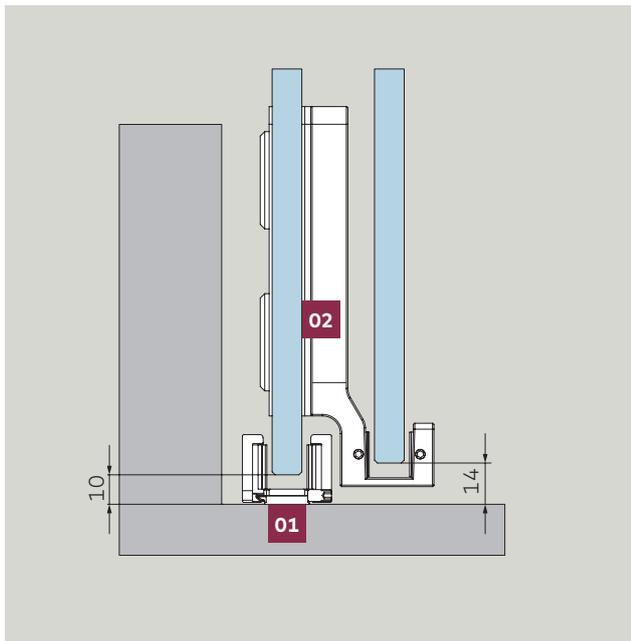


Floor guide variants

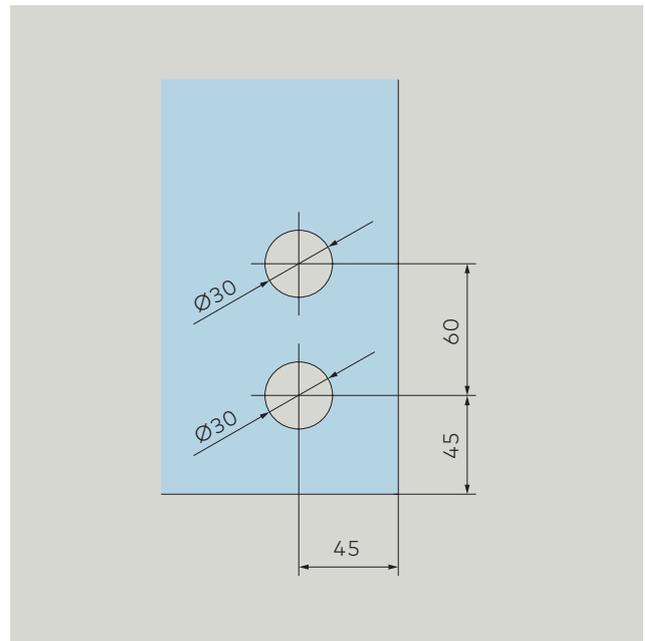
- Surface mounted variant glass door
- Recessed variant glass door
- Surface mounted variant timber door

01 Standard fixed floor guide for guiding the slow moving panel (slow moving panel)

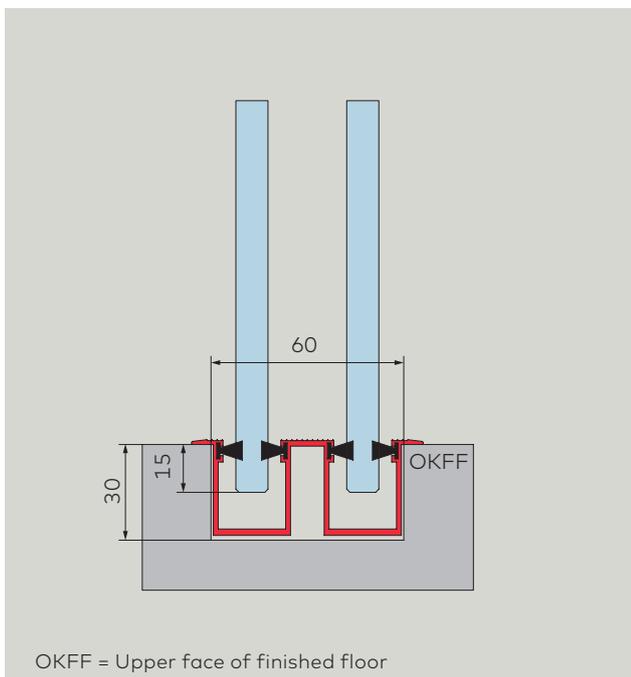
02 Moving floor guide for guiding the moving panel (quick moving panel)



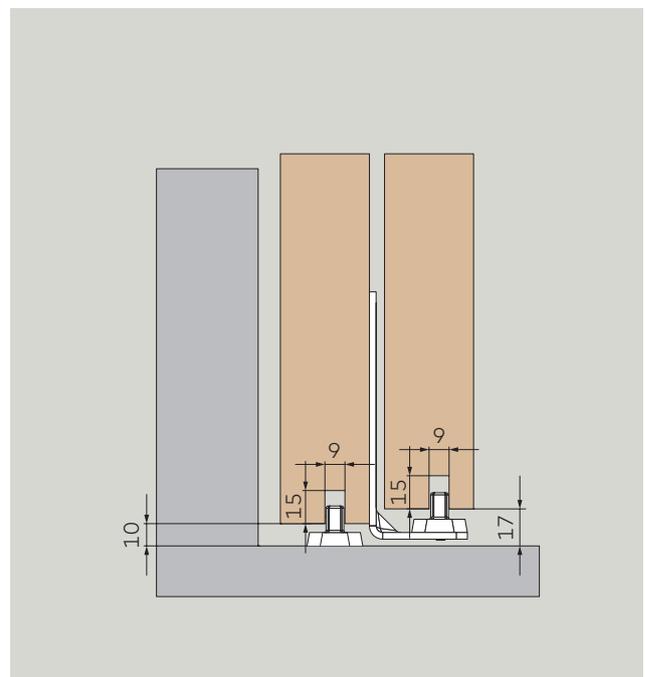
Glass preparation for moving floor guide at slow moving panel (on the example DIN right / left opening)



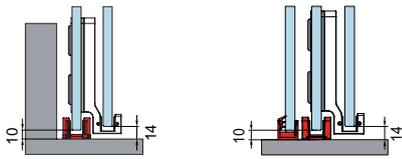
Recessed floor guide for guiding the slow and quick moving panels



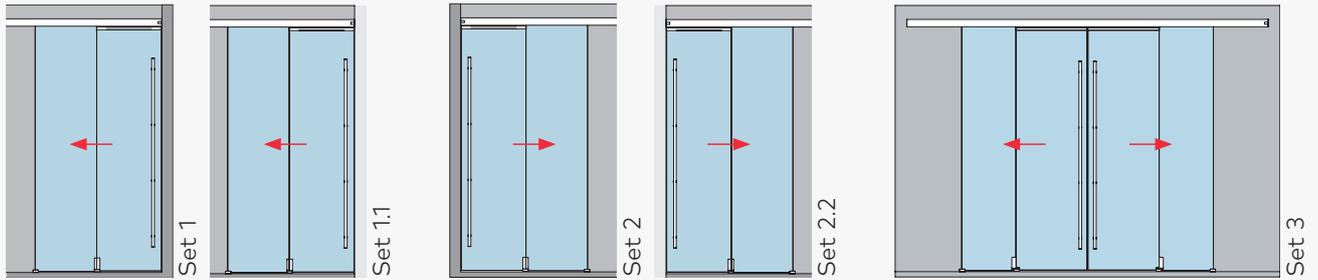
Floor guide situation with timber doors



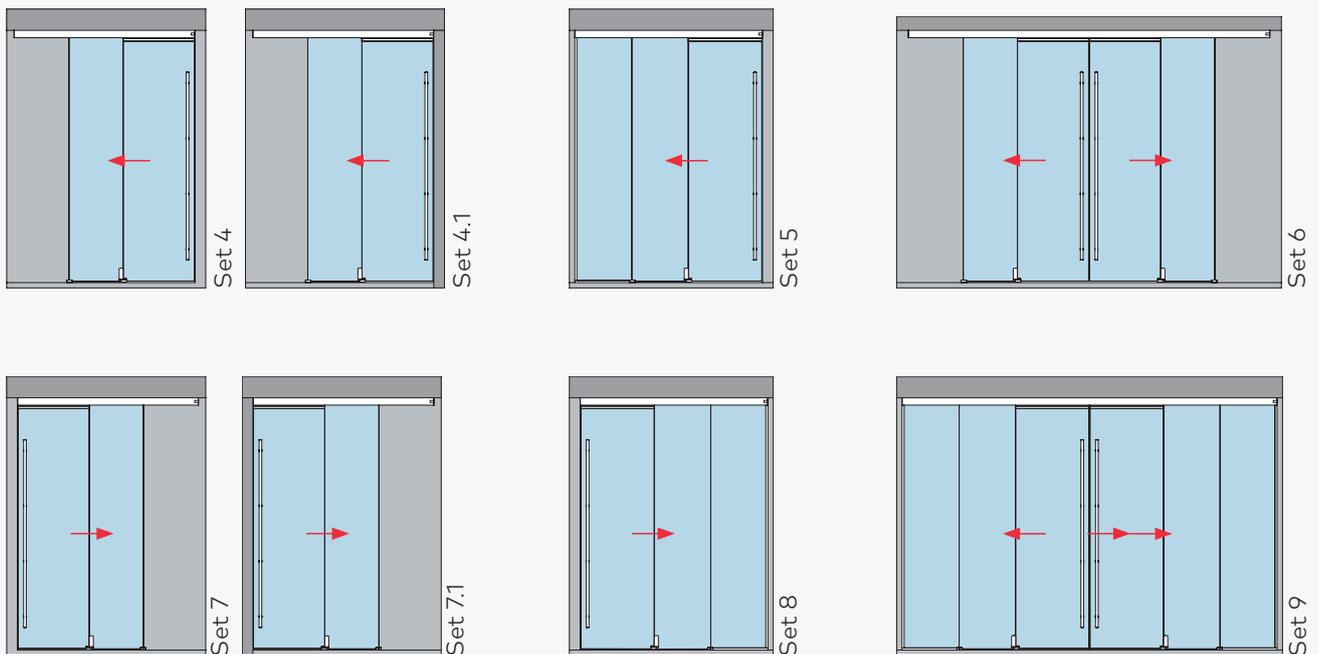
Glass panel with moving floor guide



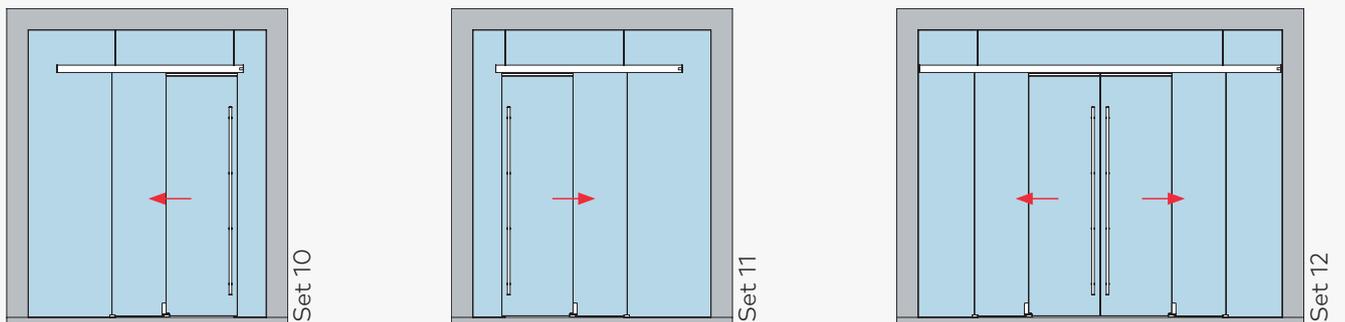
Glass door (8 - 13.5 mm) for the installation at wall - 2 and 4 panels



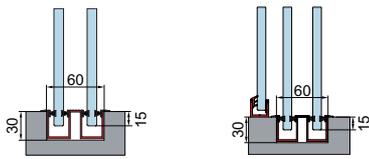
Glass door (8 - 13.5 mm) for the installation at ceiling / with side light (10 - 19 mm) - 2 and 4 panels



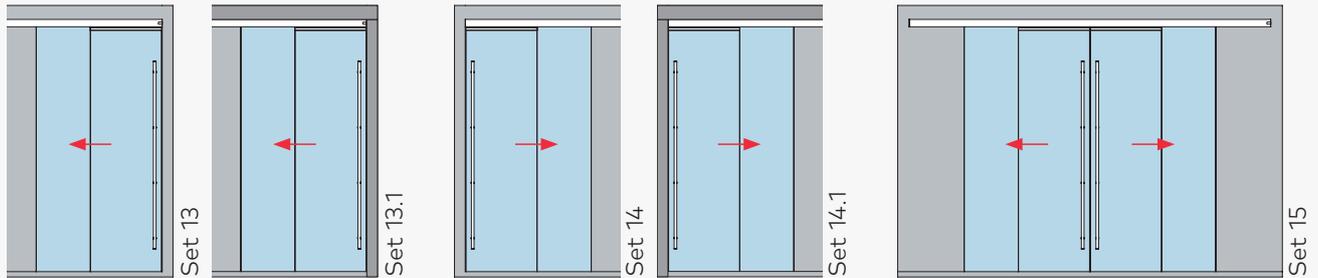
Glass door (8 - 13.5 mm) with glass overpanel and glass side lights (10 - 19 mm) - 2 and 4 panels



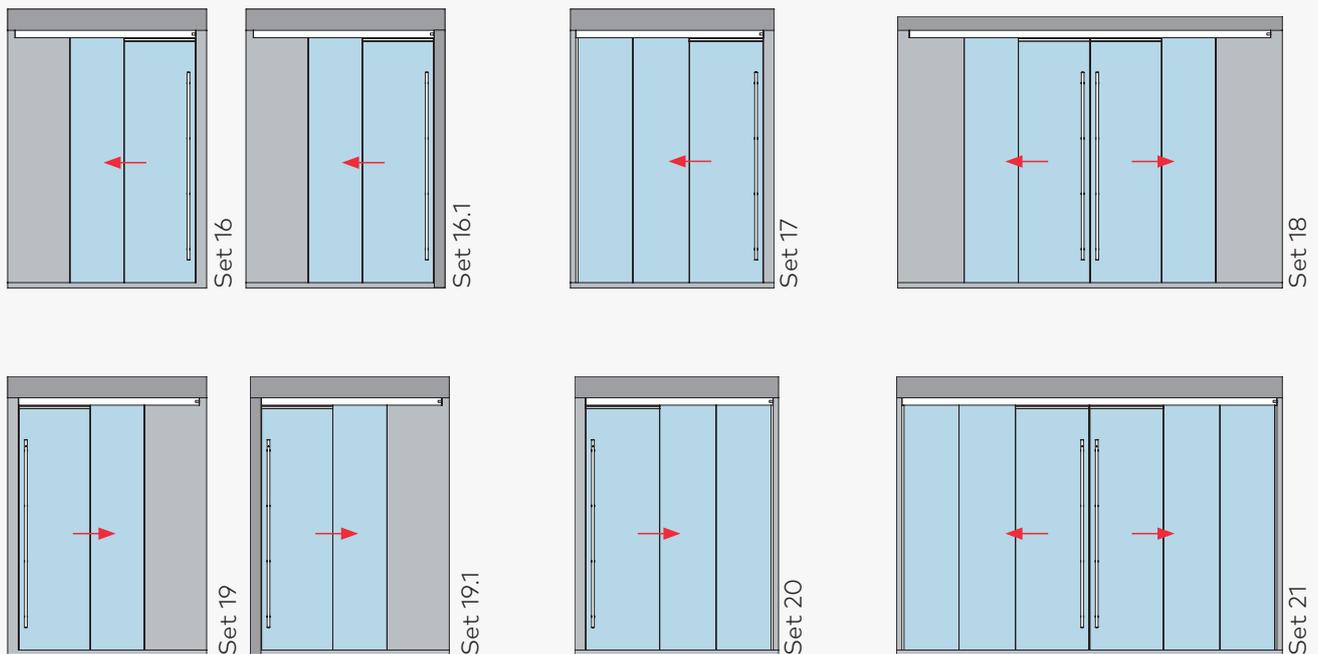
Glass panel with recessed floor guide profile



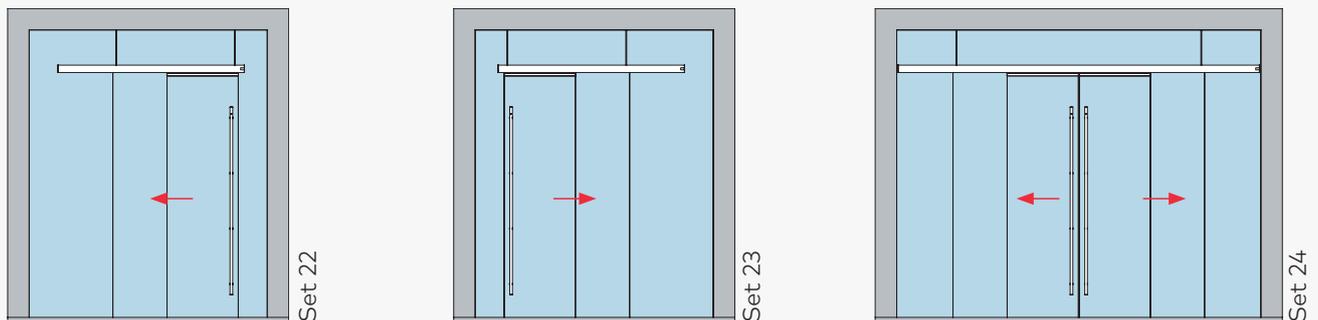
Glass door (8 - 13.5 mm) for the installation at wall - 2 and 4 panels



Glass door (8 - 13.5 mm) for the installation at ceiling / with side light (10 - 19 mm) - 2 and 4 panels

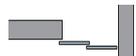


Glass door (8 - 13.5 mm) with glass overpanel and glass side lights (10 - 19 mm) - 2 and 4 panels



Wide openings with small panels

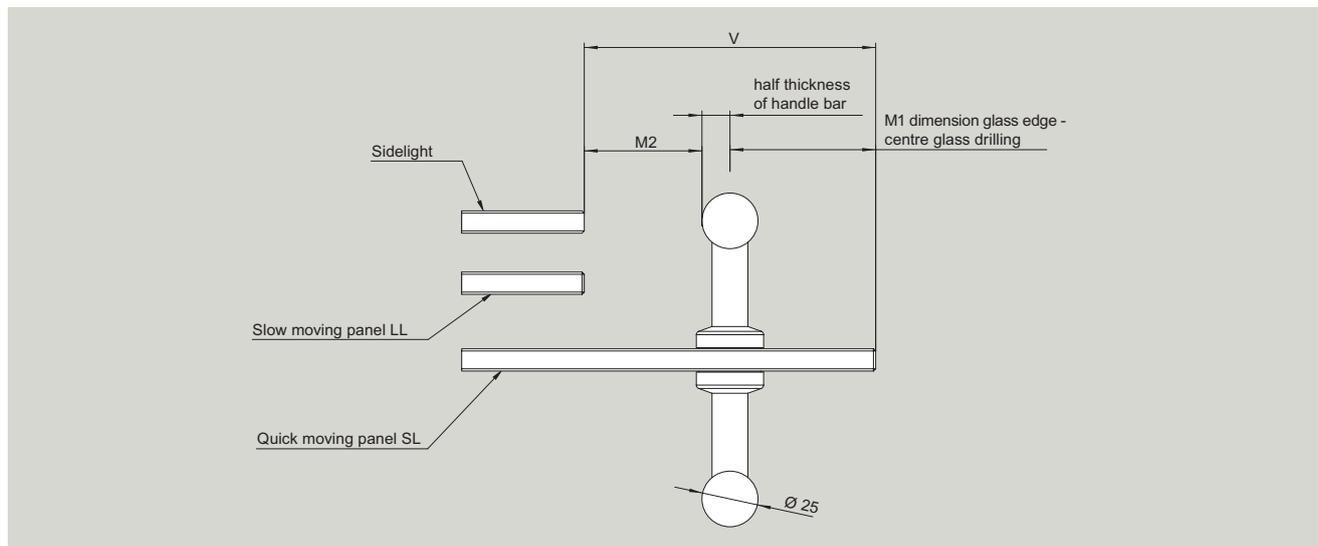
Unless indicated otherwise all measurements are shown in mm.

with / without DORMOTION					
Min. panel width =	600	600	600	600	600
Light opening width	1110	2286	1750	3496	1145
Max. panel width =	1200	1000	1200	1000	1200
Light opening width	2310	3886	3550	5896	2345

*Glass sidelight

In a two-panel system, the sum of both panel widths must not exceed 2400 mm or be less than 1200 mm.

In the case of a four-panel system, the sum of all panels must not exceed 4000 mm or be less than 2400 mm (max. clear opening: 3886 mm or max. track length 5940 mm)



V = Protrusion of the quick-moving panel (SL) when fitted with a pull handle (see Data Sheet 36-747)

Hassle-free and competitive glass ordering

- Quick moving panel 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

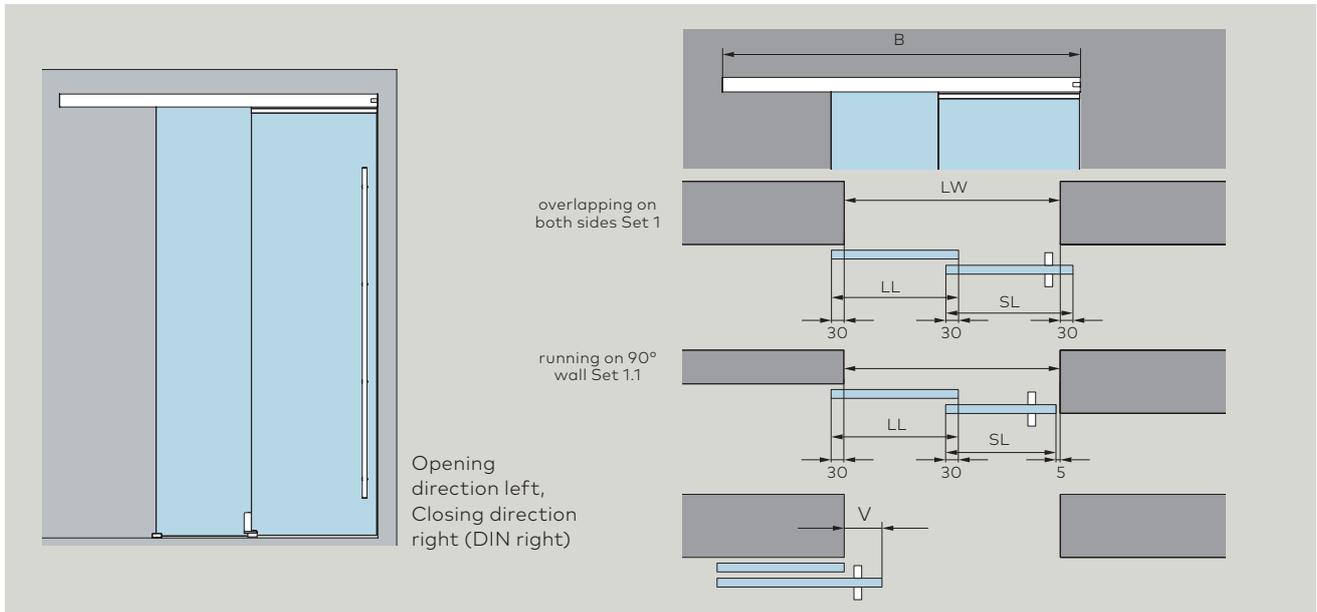
- Wall installation
- Ceiling installation
- Ceiling installation with side panels
- Installation to glass overpanel
- LSG-usability due to "Clamp&Glue" Technology
- Applicable for glass panels and timber panels (timber panels require adapter profile)
- Max. 2 x 80 kg resp. 4 x 80 kg
- Possible glass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

Note: The panel widths are always dependent on several factors. Before ordering the glass, it is advisable to have the panel widths checked by our company. The running track MUTO Premium Teleskopik 80 is specially manufactured for each order and cannot be adapted on site.

Precise measurements and order details are therefore important. We are happy to offer you the system, e.g. for optical reasons, with a longer track than required for the respective situation. Max. delivery length of the profiles: 5940 mm.

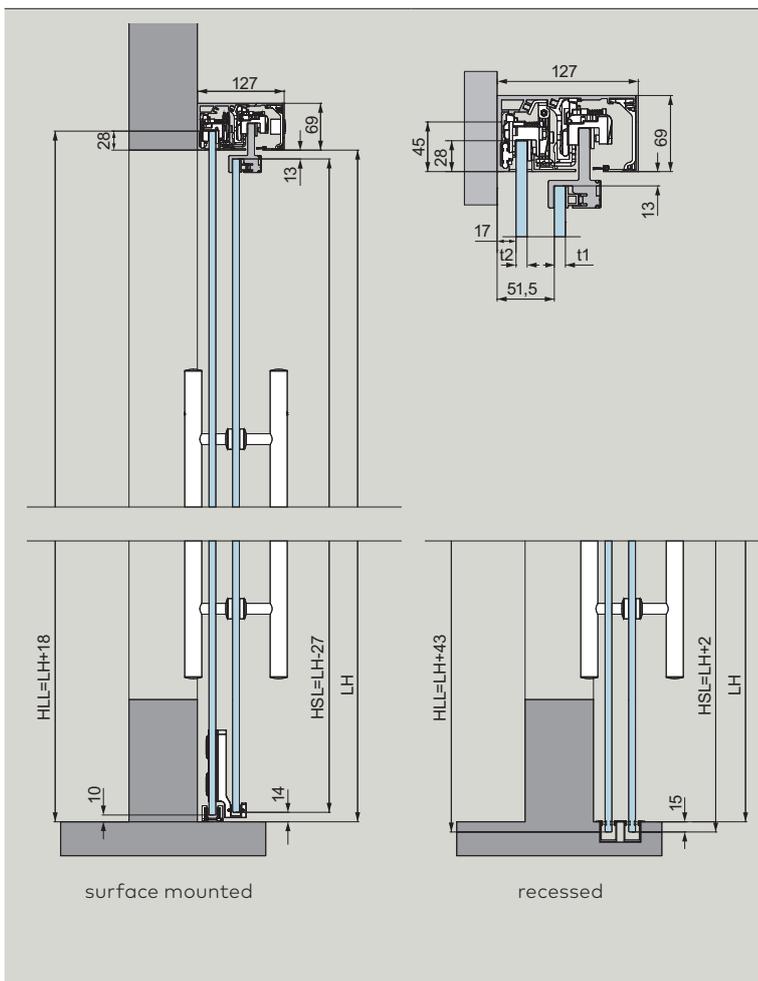
We will be happy to assist you with the ordering process for MUTO Teleskopik 80. The corresponding order sheets from your contact person on request.

Type illustrations wall installation



Fixed at wall

Product description



For installation with two door panels optional DORMOTION unit. When using a DORMOTION damping unit, we recommend installation of a pull handle.

Max. weight of door panels
80 kg.

Min. and max. panel measures see page 108.

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

with 90° wall
 $LL = (LW - V + 65) / 2$
 $SL = LL + V$

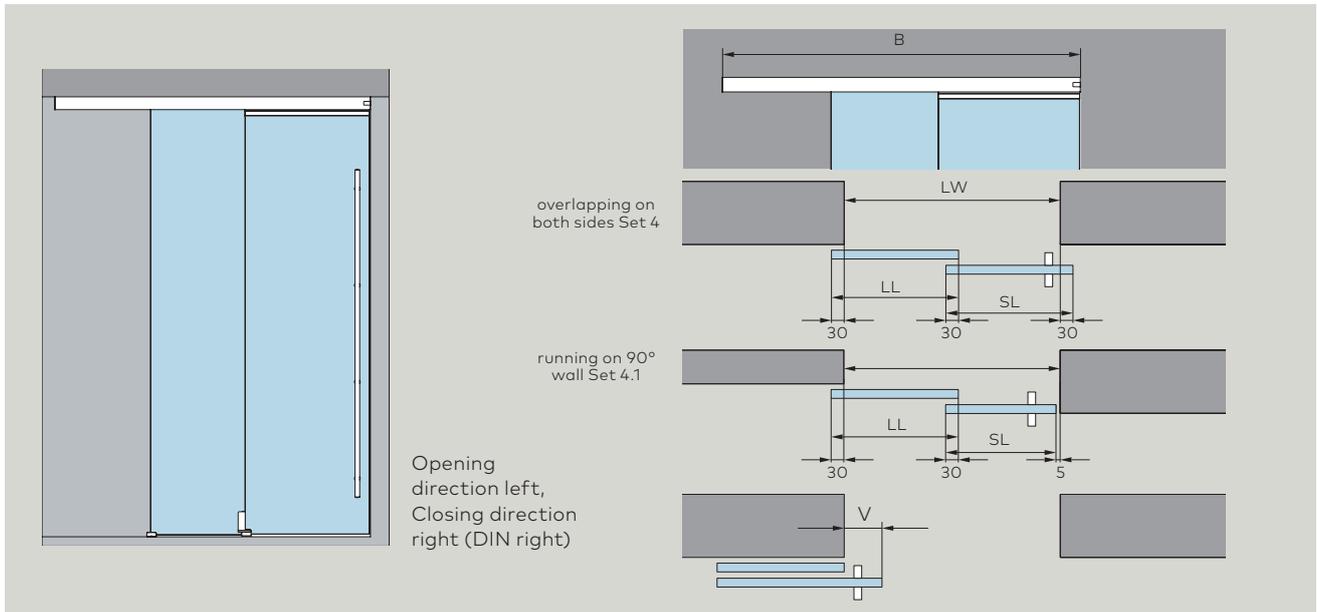
Calculation of glass height (=surface mounted)
 $HLL = LH + 18$
 $HSL = LH - 27$

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

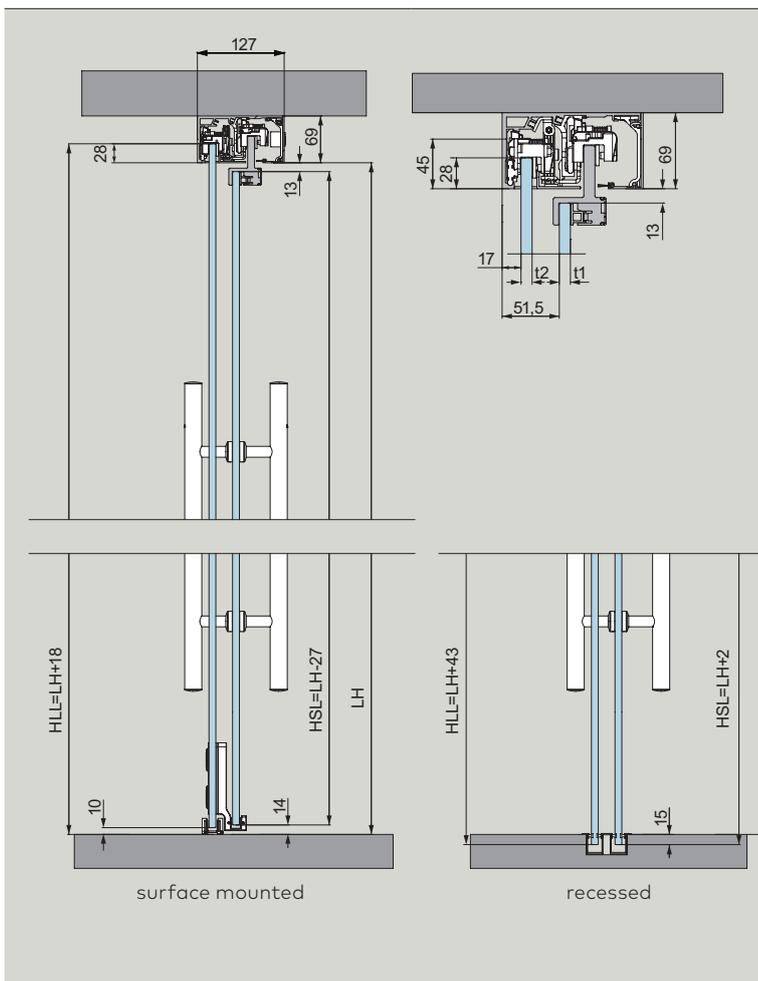
- LL = slow moving panel
- SL = quick moving panel
- t1 = Glass thickness quick moving panel (SL)
- t2 = Glass thickness slow moving panel (LL)
- V = Overlapping size of handle bar

Type illustrations ceiling installation



Fixed at ceiling

Product description



For installation with two door panels fixed at ceiling, 8–13.5 mm glass thickness, optional DORMOTION unit. When using a DORMOTION damping unit, we recommend installation of a pull handle.

Max. weight of door panels

80 kg.

Min. and max. panel measures see page 108.

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

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

$$SL = LL + V$$

with 90° wall

$$LL = (LW - V + 65) / 2$$

$$SL = LL + V$$

Calculation of glass height (=surface mounted)

$$HLL = LH + 18$$

$$HSL = LH - 27$$

Calculation of glass height (=recessed)

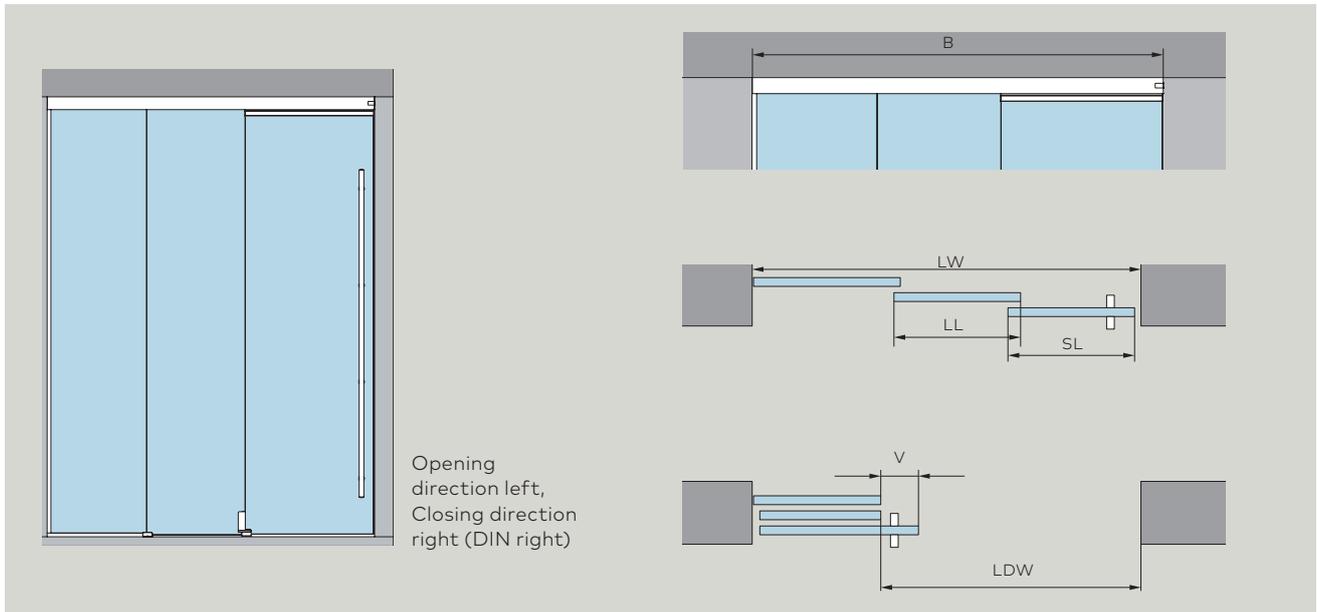
$$HLL = LH + 43$$

$$HSL = LH + 2$$

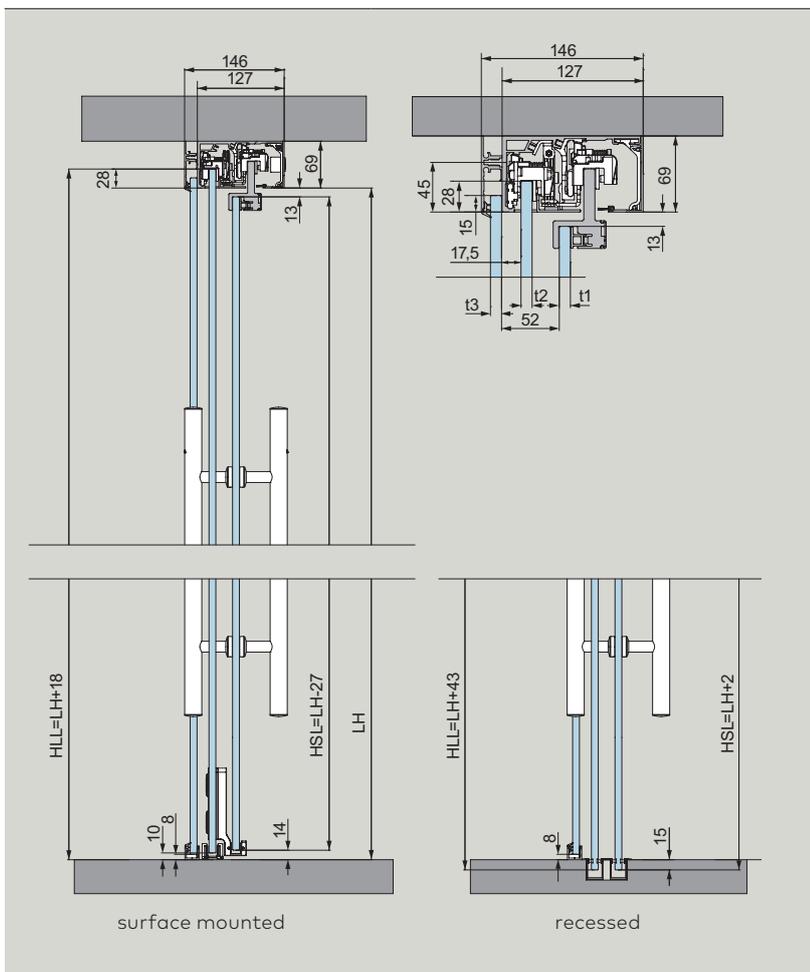
- B = Length of track
- HLL = Glass height slow moving panel
- HSL = Glass height quick moving panel
- LH = Clear opening height
- LW = Clear opening width

- LL = slow moving panel
- SL = quick moving panel
- t1 = Glass thickness quick moving panel (SL)
- t2 = Glass thickness slow moving panel (LL)
- V = Overlapping size of handle bar

Type illustrations with sidelight, on one side



With sidelight



Product description

For installation with two door panels and sidelight on one side, fixed at ceiling, optional with DORMOTION unit. When using a DORMOTION damping unit, we recommend installation of a pull handle.

Max. weight of door panels

80 kg.

Min. and max. panel measures see page 108.

Calculation of track length

$$B = LW - 4 \text{ (incl. } 2 \times 2 \text{ mm end caps)}$$

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)

$$HLL = LH + 43$$

$$HSL = LH + 2$$

Height side panel

2 panels

$$S \text{ min} = (LW - V + 66) / 3$$

$$LDW = LW - S - V$$

2 + 2 panels

$$S \text{ min} = (LW - 2 \times V + 132) / 6$$

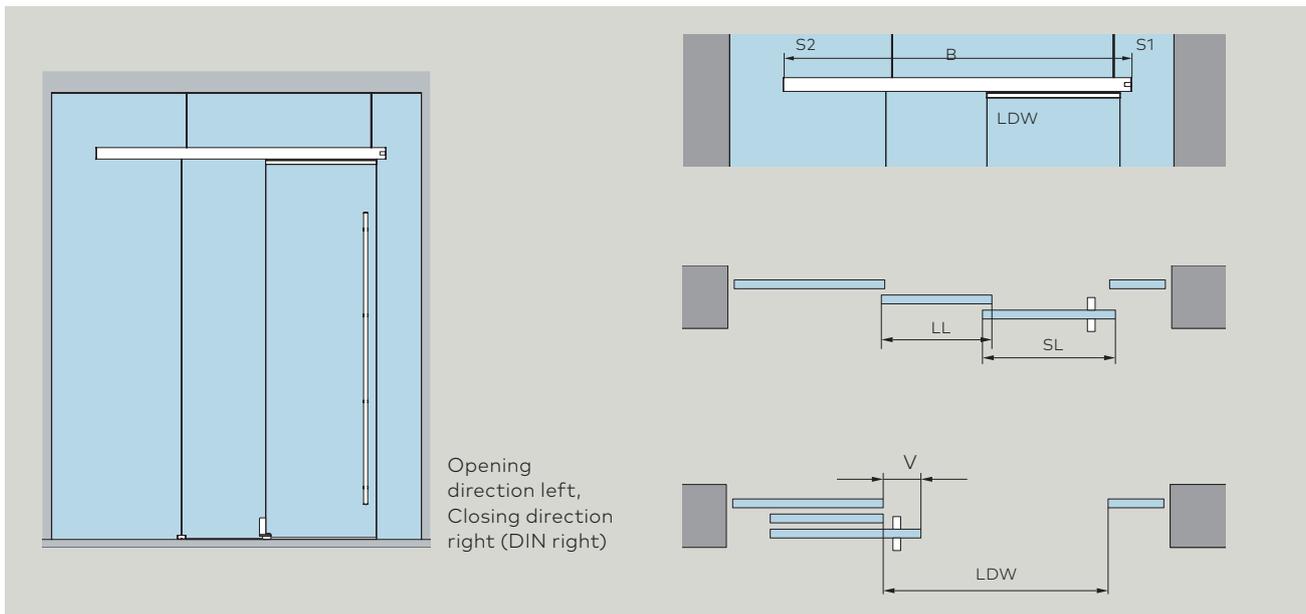
$$LDW = LW - 2 \times S - V \times 2$$

B = Length of track
 HLL = Glass height slow moving panel
 HSL = Glass height quick moving panel
 LH = Clear opening height (up to lower edge of track rail!)

LW = Clear opening width
 LDW = Clear opening passage width
 LL = Slow moving panel
 SL = Quick moving panel
 S = Glass sidelight

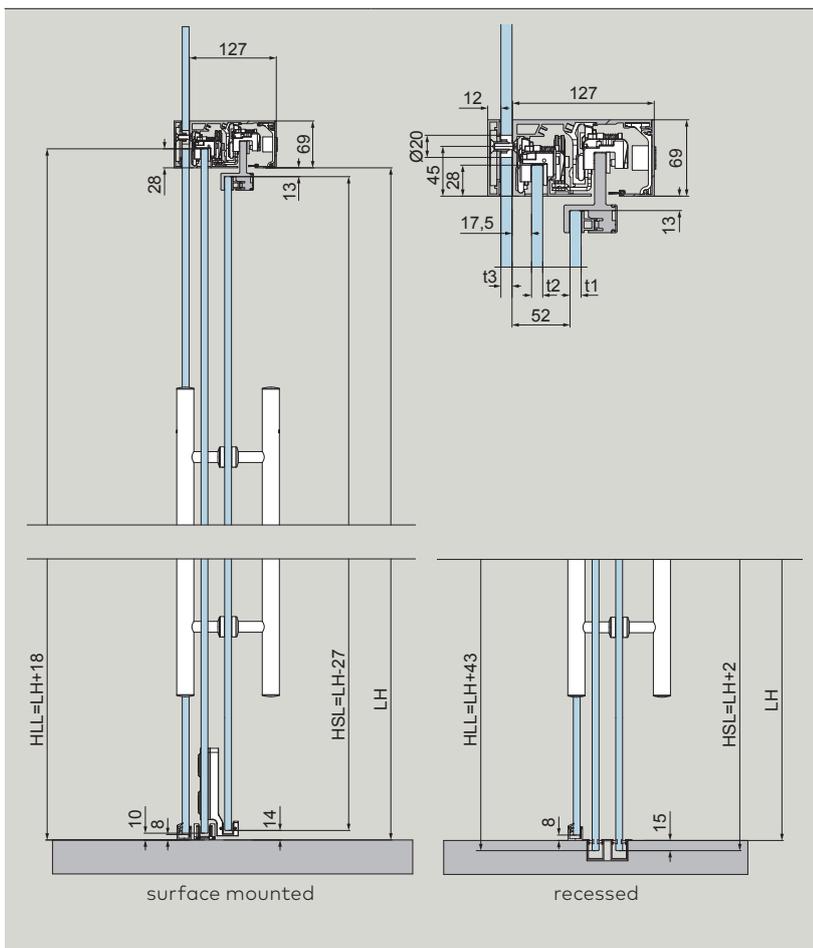
t1 = Glass thickness quick moving panel (SL)
 HS = Height side panel
 t2 = Glass thickness slow moving panel (LL)
 t3 = Glass thickness sidepanel
 V = Overlapping size of handle bar

Type illustrations glass installation



Opening direction left, Closing direction right (DIN right)

Fixed at ceiling



Product description

For installation with two door panels fixed at glass, 8–13.5 mm glass thickness, optional with DORMOTION unit. When using a DORMOTION damping unit, we recommend installation of a pull handle.

Max. weight of door panels

80 kg.

Min. and max. panel measures see page 108.

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)

$$HLL = LH + 43$$

$$HSL = LH + 2$$

You will find a calculation tool for the glass preparation of the fixed parts MUTO on glass under the following link

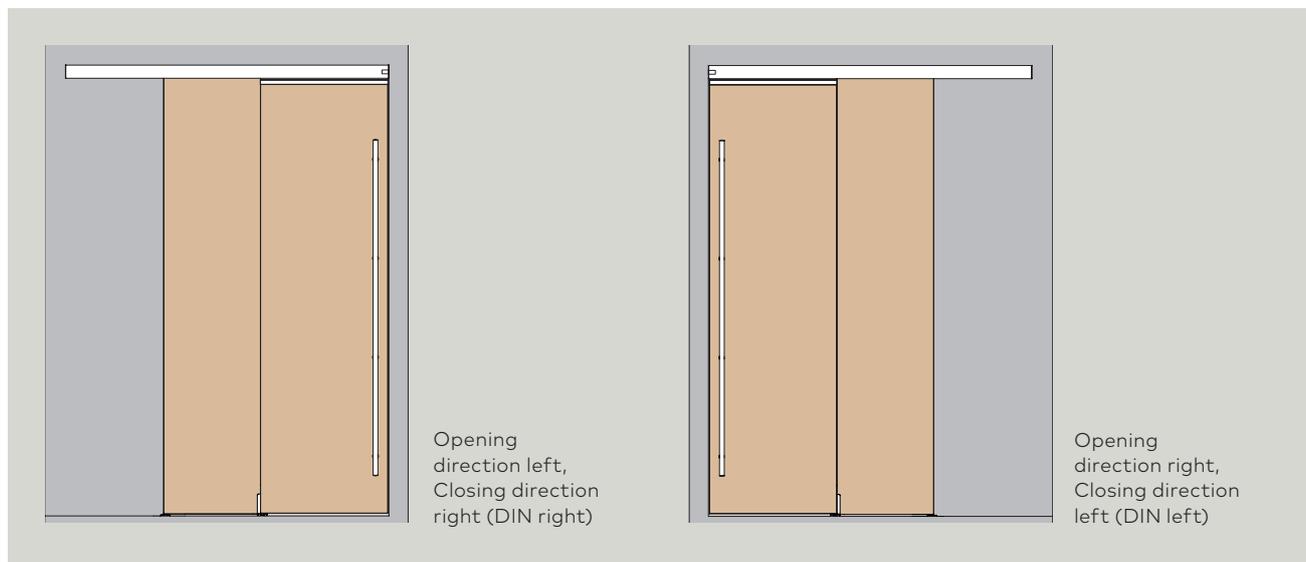
<https://glas-innovationen.com/products/muto>

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

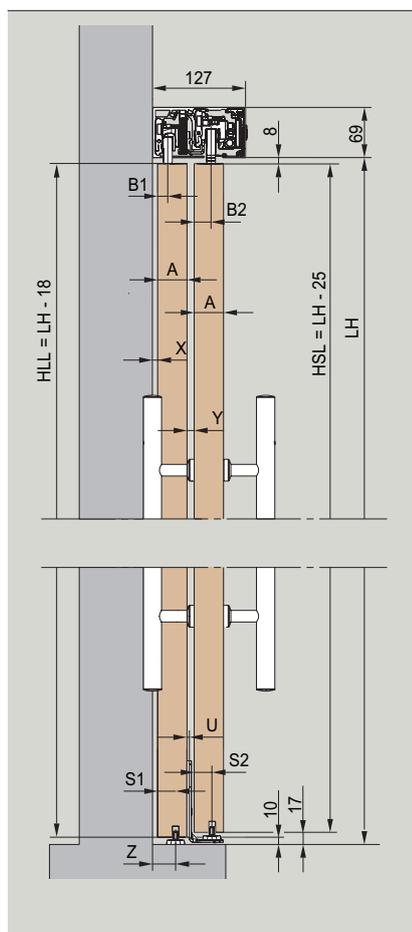
- LW = Clear opening width
- LL = Slow moving panel
- SL = Quick moving panel

- t1 = Glass thickness quick moving panel (SL)
- t2 = Glass thickness slow moving panel (LL)
- t3 = Glass thickness sidepanel
- V = Overlapping size of handle bar

Type illustrations for timber door



Fixed at wall



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	-

Product description

Product description
For installation with two timber doors, for 28–50 mm timber elements

Optional with DORMOTION unit. When using a DORMOTION damping unit, we recommend installation of a pull handle.

Max. weight of door panels
80 kg.

Min. and max. panel measures see page 108.

Calculation of track length
cf. glass calculations

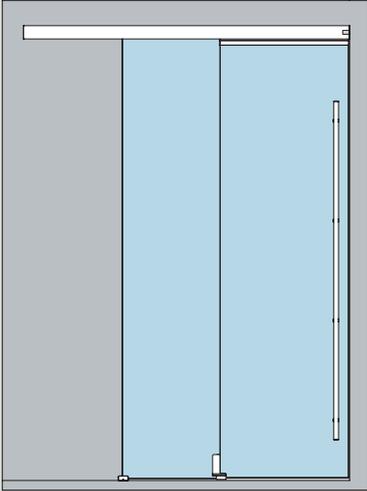
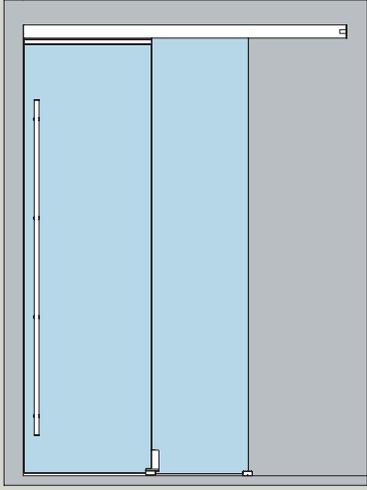
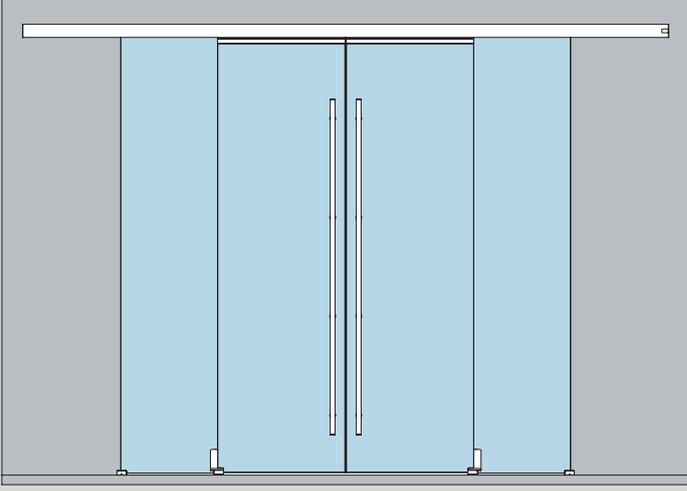
Calculation panel width
cf. glass calculations

Calculation of panel height
HLL = LH + 18
HSL = LH - 25

Timber door in upper area from 100 mm, solid wood, for attachment to timber adapter.

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

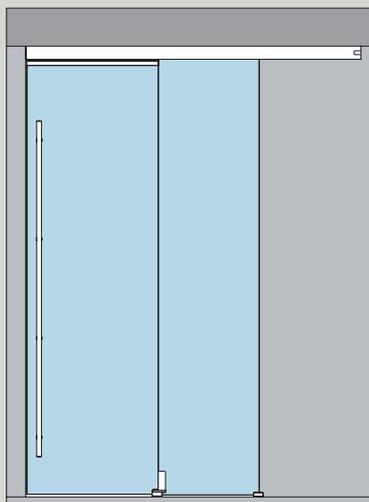
Glass door sets, with moving floor guide

Fixed at wall	Product description	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
<p>Please ensure that the order form is complete when submitting an order.</p>		

Fixed at ceiling

Product description

Art. No.

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

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

36.705

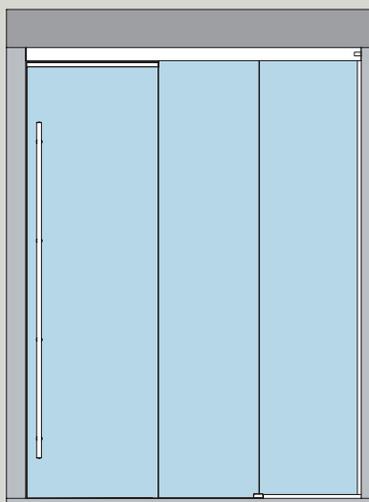
Incl. track profile, cover profile and brushes

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**

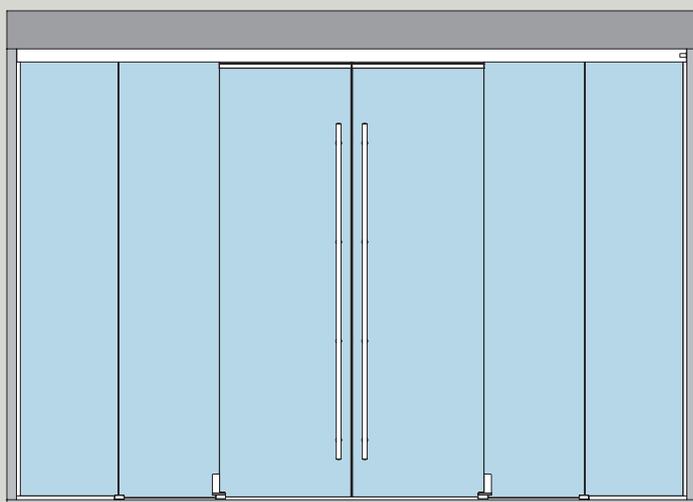
for ceiling installation, with moving floor guide, 2 panels (right) plus side panel

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

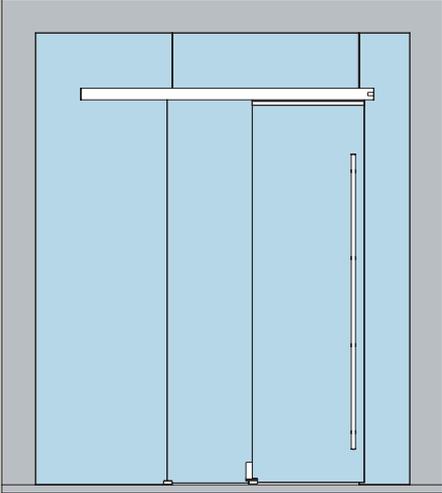
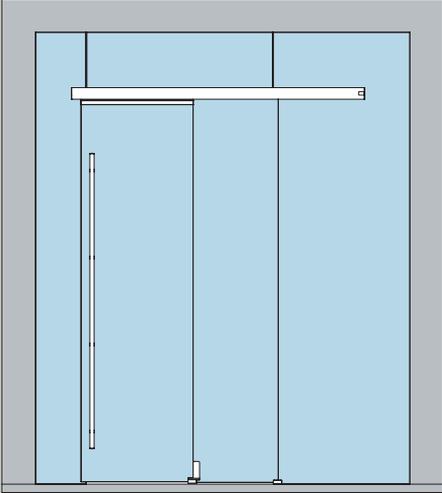
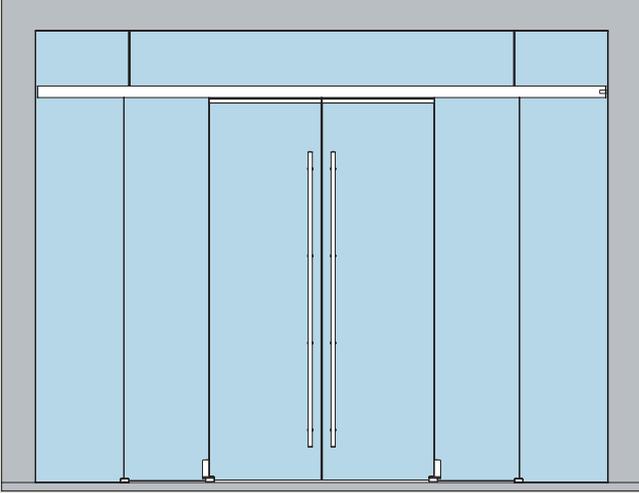
Incl. track profile, cover profile, side panel profiles and brushes

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

Prepared for option DORMOTION

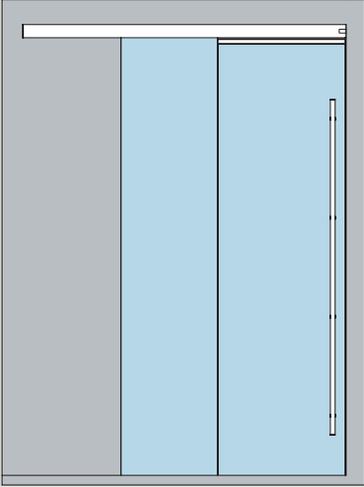
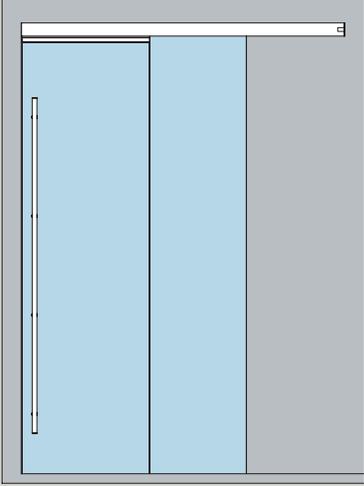
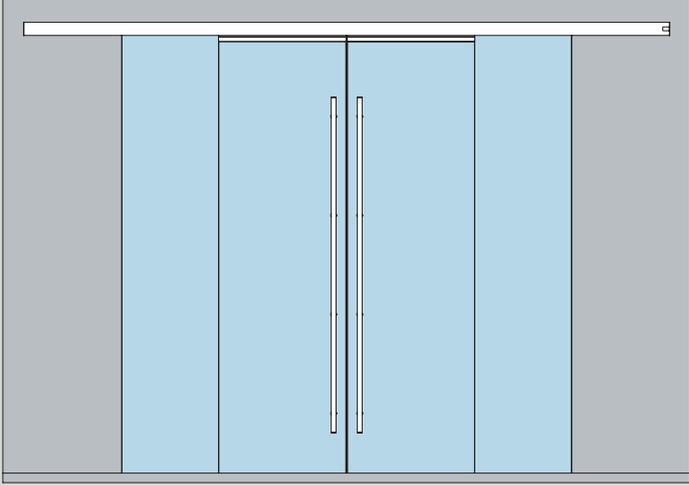
Please ensure that the order form is complete when submitting an order.

Glass door sets, with moving floor guide

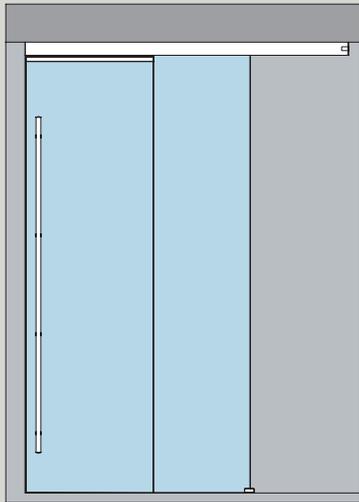
Fixed at glass	Product description	Art. No.
	<p>MUTO Premium Telescopic 80</p> <p>Set 10 for glass installation, with moving floor guide, 2 panels (left)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg</p> <p>Prepared for option DORMOTION</p>	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>	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>	36.712

Please ensure that the order form is complete when submitting an order.

Glass door sets, with recessed floor guide profile

Fixed at wall	Product description	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>Set 13.1 also for lintel/90° stopped</p>	<p>36.713</p> <p>36.741</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>Set 14.1 also for lintel/90° stopped</p>	<p>36.714</p> <p>36.742</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>

Please ensure that the order form is complete when submitting an order.

Fixed at ceiling**Product description****Art. No.****MUTO Premium Telescopic 80****Set 19****36.717**

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

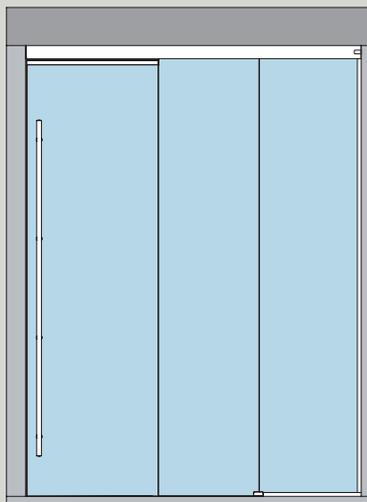
Incl. track profile, cover profile and brushes

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

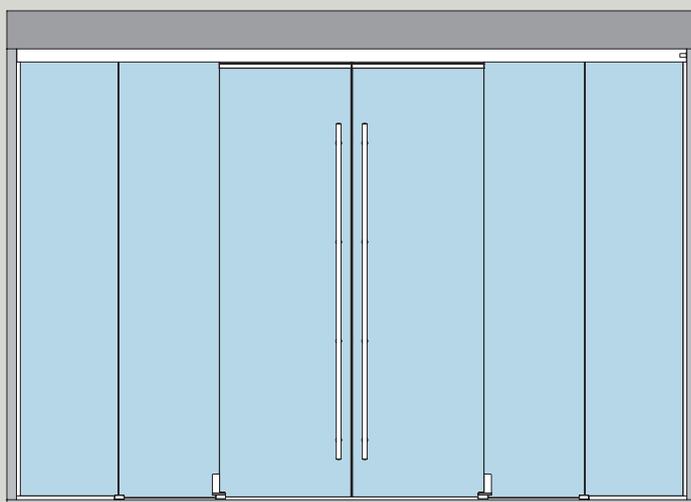
**MUTO Premium Telescopic 80****Set 20****36.718**

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

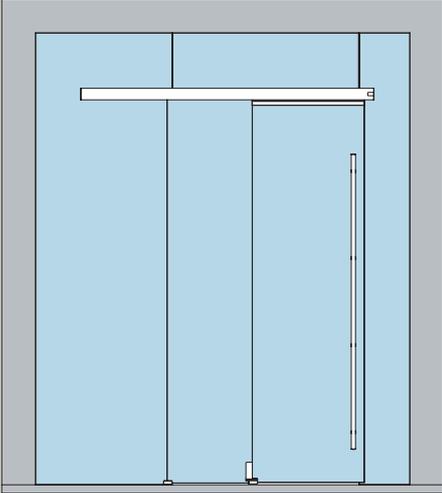
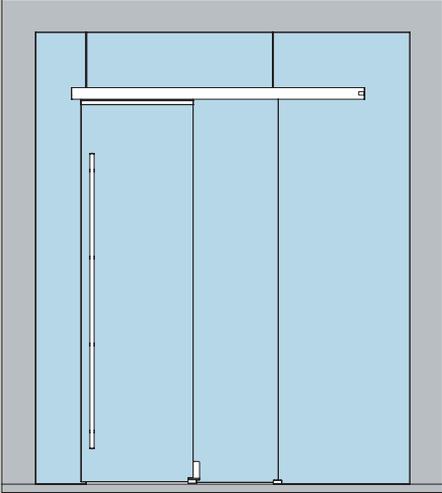
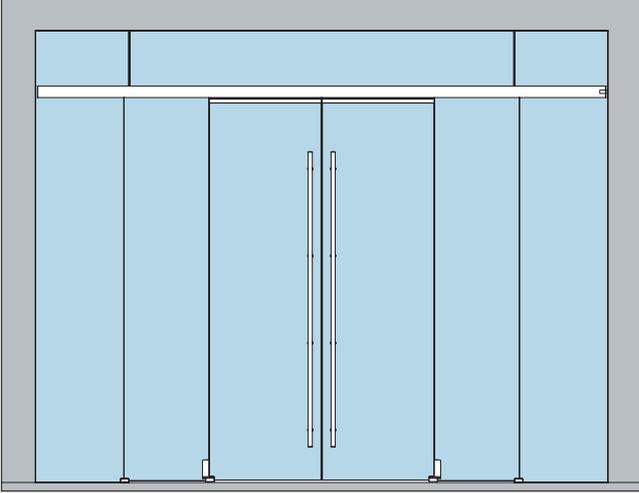
Incl. track profile, cover profile, side panel profiles and brushes

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

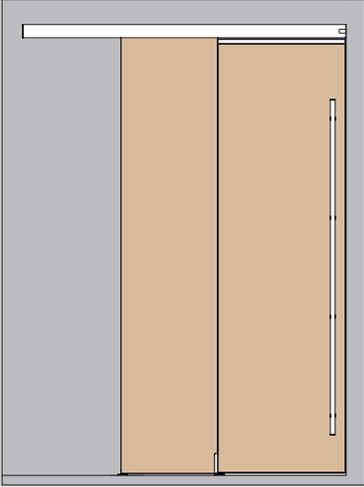
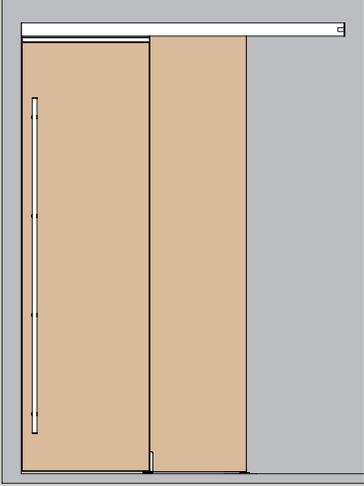
Prepared for option DORMOTION

Please ensure that the order form is complete when submitting an order.

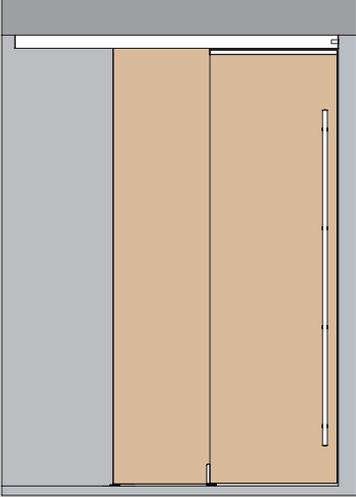
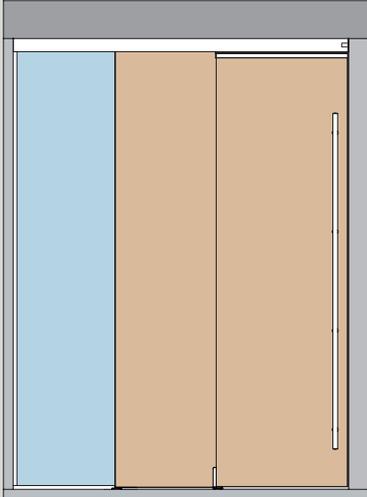
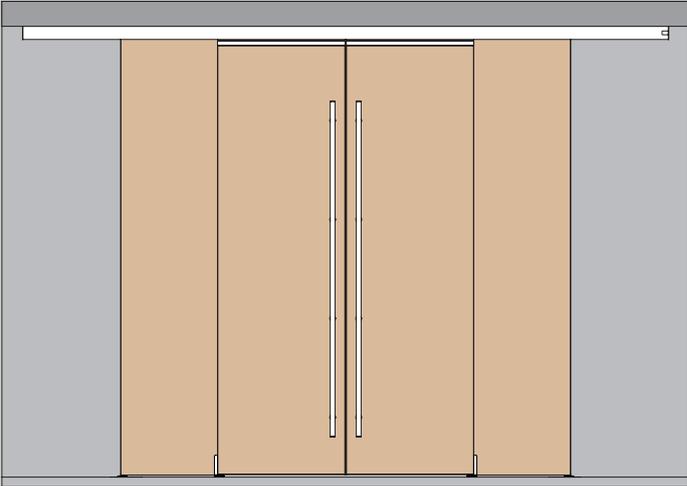
Glass door sets, with recessed floor guide profile

Fixed at glass	Product description	Art. No.
	MUTO Premium Telescopic 80	
	Set 22 for glass installation, with recessed floor guide profile, 2 panels (left) Incl. track profile, cover-, counter profile and brushes Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg Prepared for option DORMOTION	36.719
	MUTO Premium Telescopic 80	
	Set 23 for glass installation, with recessed floor guide profile, 2 panels (right) Incl. track profile, cover-, counter profile and brushes Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg Prepared for option DORMOTION	36.720
	MUTO Premium Telescopic 80	
	Set 24 for glass installation, with recessed floor guide profile, 4 panels (2 left / 2 right) Incl. track profile, cover-, counter profile and brushes Complete accessories for 8 – 13.5 mm glass thickness, max. 80 kg Prepared for option DORMOTION	36.724
	Please ensure that the order form is complete when submitting an order.	

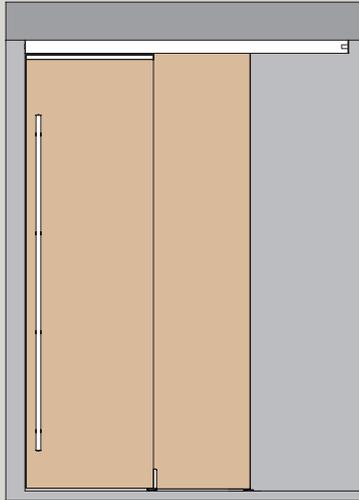
Timber door sets, with moving floor guide

Fixed at wall	Product description	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
	<p>Please ensure that the order form is complete when submitting an order.</p>	

Timber door sets, with moving floor guide

Fixed at ceiling	Product description	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>	36.727
	<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>	36.728
	<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>	36.734

Please ensure that the order form is complete when submitting an order.

Fixed at ceiling**Product description****Art. No.****MUTO Premium Telescopic 80****Set 31****36.729**

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

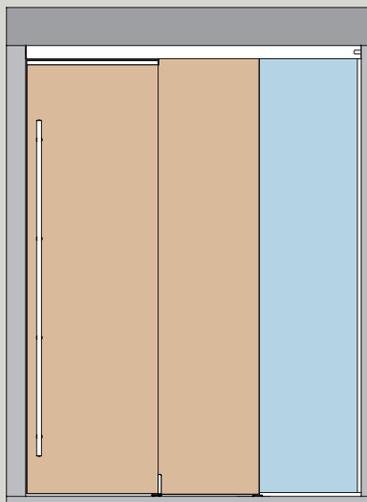
Incl. track profile, cover profile, side panel profile and brushes

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

Prepared for option DORMOTION

Set 31.1**36.795**

also for lintel/90° stopped

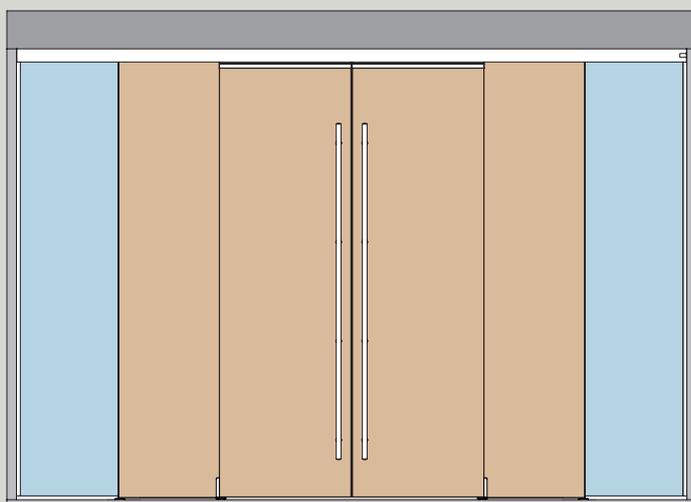
**MUTO Premium Telescopic 80****Set 32****36.730**

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

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****36.735**

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

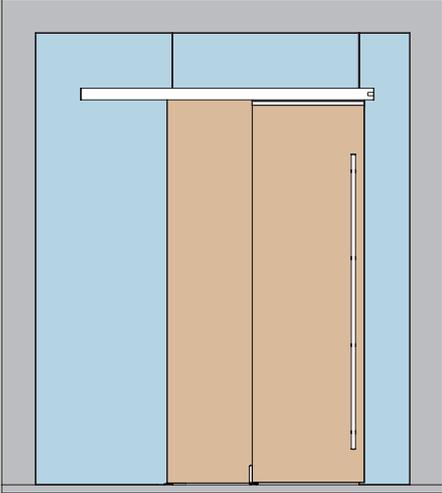
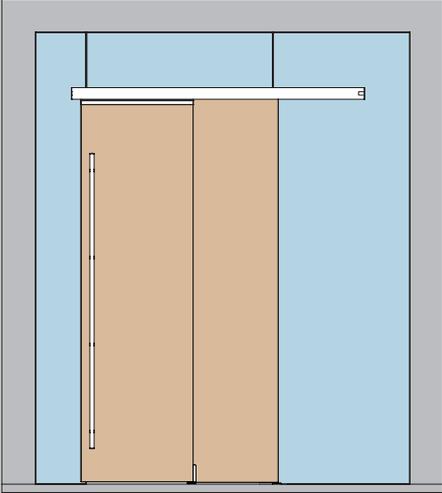
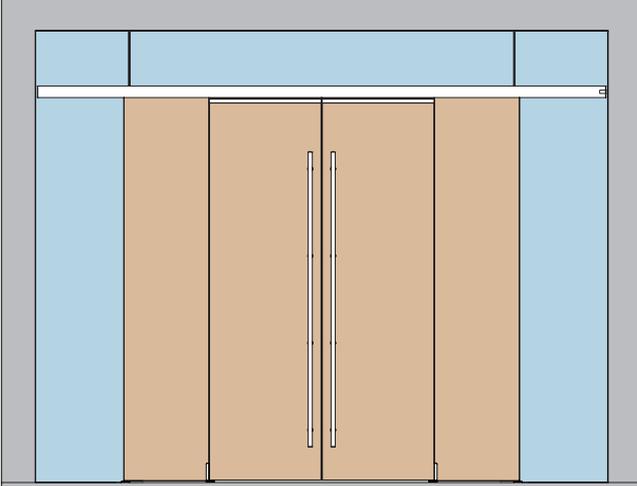
Incl. track profile, cover profile, side panel profiles and brushes

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

Prepared for option DORMOTION

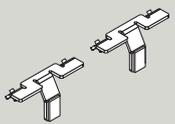
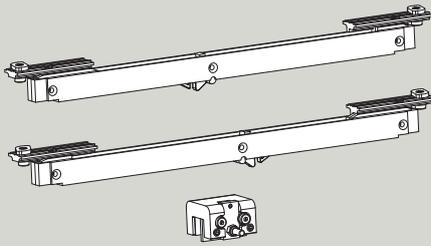
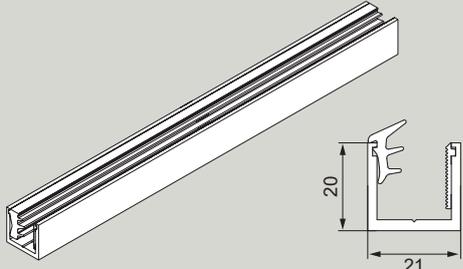
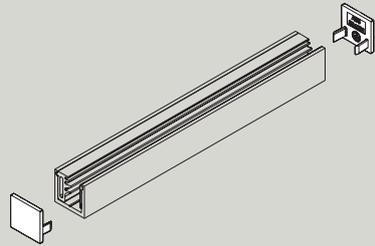
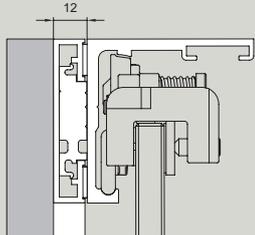
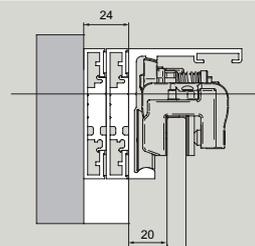
Please ensure that the order form is complete when submitting an order.

Timber door sets, with moving floor guide

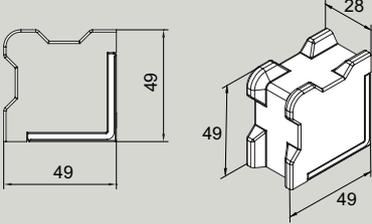
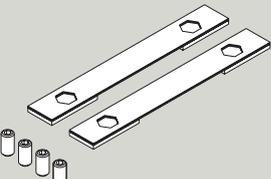
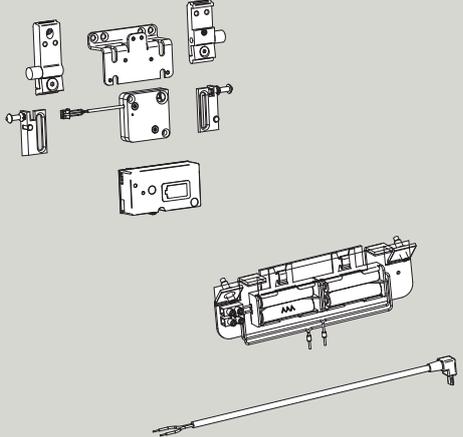
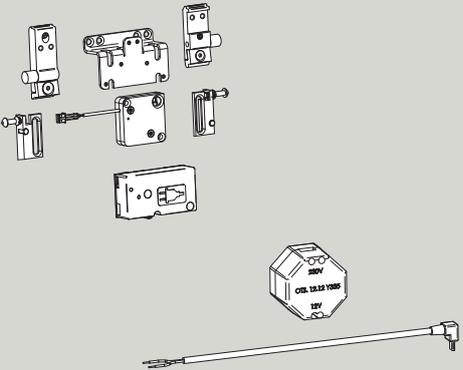
Fixed at glass	Product description	Art. No.
	<p>MUTO Premium Telescopic 80</p> <p>Set 34 for glass installation, with moving floor guide, 2 panels (left)</p> <p>Incl. track profile, cover-, counter profile and brushes</p> <p>For 28 – 50 mm timber elements, max. 80 kg</p> <p>Prepared for option DORMOTION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

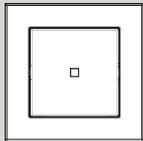
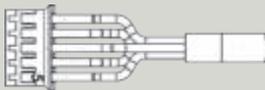
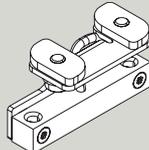
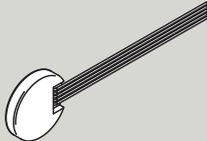
Please ensure that the order form is complete when submitting an order.

Component parts

	Product description	Art. No.
	MUTO spacer (2 pieces) for the installation at ceiling between two walls	36.890
	MUTO Premium Telescopic 80 DORMOTION unit incl. starter	36.786
	MUTO Floor profile Floor profile for side panel fixing, complete with all gaskets, Profile for 8 – 13.5 mm glass stock length 6000 mm fixed length mm	36.810 36.811
	MUTO End caps (2 pieces) Set endcaps for floor profile - side panel fixing	36.812
	MUTO Premium - balance profile set 12 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length	36.870
	MUTO Premium - balance profile set 24 mm, for installation over an existing door frame; compensates for the frame thickness; fixed length	36.871

Component parts

	Product description	Art. No.
	<p>MUTO Comfort Floorstop Individually applicable for all options (glass or timber elements)</p>	36.851
	<p>MUTO Premium XL 80/150 LSG-Set Accessory set for use with LSG for one pair of clamp carrier</p>	36.468
	<p>MUTO Integrated locking device Battery for Comfort L, Premium XL, Premium Self-Closing and Premium Telescopic (not suitable as a security barrier)</p> <p>Consisting of: 1 receiver unit 1 mounting bracket for locking 1 locking device 1 stopper XL 4 batteries (Energizer L92 Ultimate Lithium: AAA1.5V) 1 battery carrier</p> <p>Attention: Not suitable for Synchro version.</p> <p>Battery (set of 4) for re-ordering</p>	36.859 36.886
	<p>MUTO Integrated locking device Battery for Comfort L, Premium XL, Premium Self-Closing and Premium Telescopic (not suitable as a security barrier)</p> <p>Consisting of: 1 receiver unit 1 mounting bracket for locking 1 locking device 1 stopper XL Transformer, suitable for flush-mounted box</p> <p>Attention: Not suitable for Synchro version.</p>	36.885
	<p>MUTO Radio remote control for Comfort L, Premium XL and Self-Closing,</p> <p>1 Radio remote control 1 Battery</p>	36.848

	Product description	Art. No.
	<p>MUTO Wall switch with radio remote control for Comfort L, Premium XL and Self-Closing,</p> <p>1 Wall switch 1 Battery</p>	36.849
	<p>MUTO Accessory for locking unit for Comfort L, Premium XL and Self-Closing, 1 cable set for an optional use of the status indicator integrated in the locking unit</p>	36.855
	<p>MUTO Status indicator set for Comfort L and Premium XL Consisting of: 1 Sensor 1 Adapter for track reception 1 Cable</p>	36.840
	<p>Concealed transmitter BRC-T DORMA-GLAS bi-directional flush-mounted radio transmitter BRC-T, battery-operated, for installation in a switch with a deep flush-mounting box for the use of an on-site pushbutton.</p>	29301003

Content

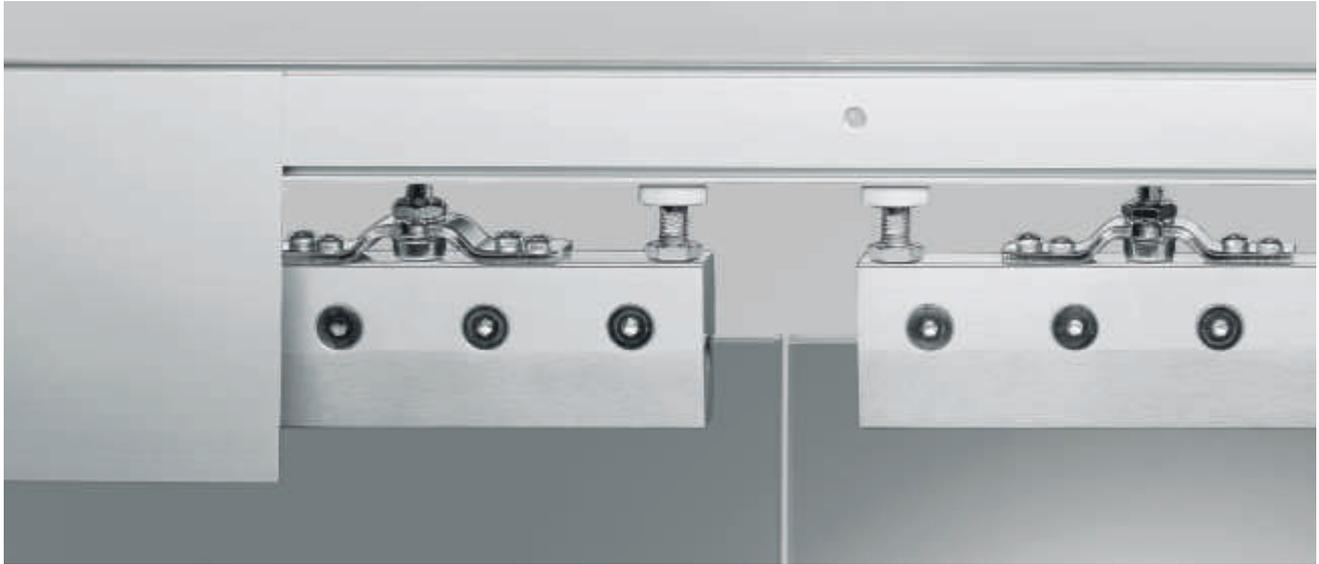
RS 120/RS 120 Synchro

132	General information
133	Type illustrations
136	Component parts
137/172	Accessories
186	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

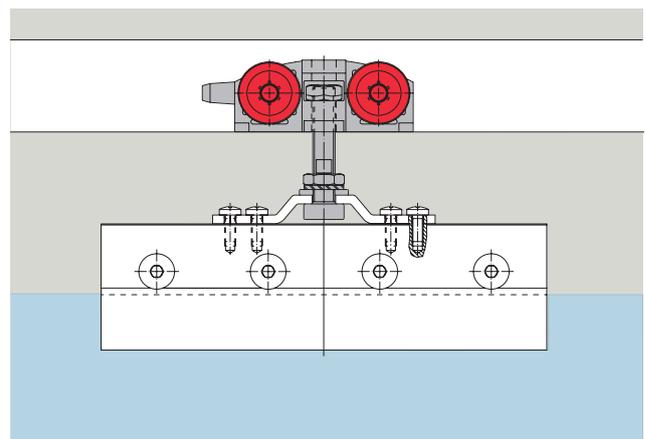
There is a clever device in the track which operates as a cushioned end stop, retaining the door securely in the end positions.

Synchro version

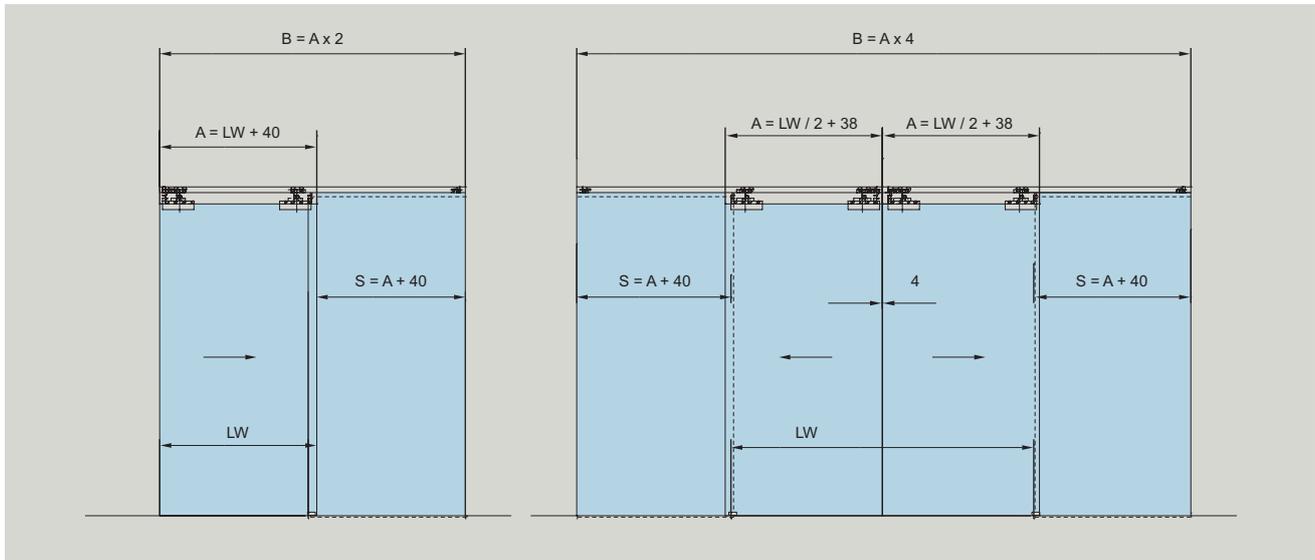
By a special cable and deflection device a synchronously opening system for a two-panel assembly can be realised. As only one of the panels has to be moved, the greatest possible operating convenience for maximum passage width is guaranteed.

No glass preparation

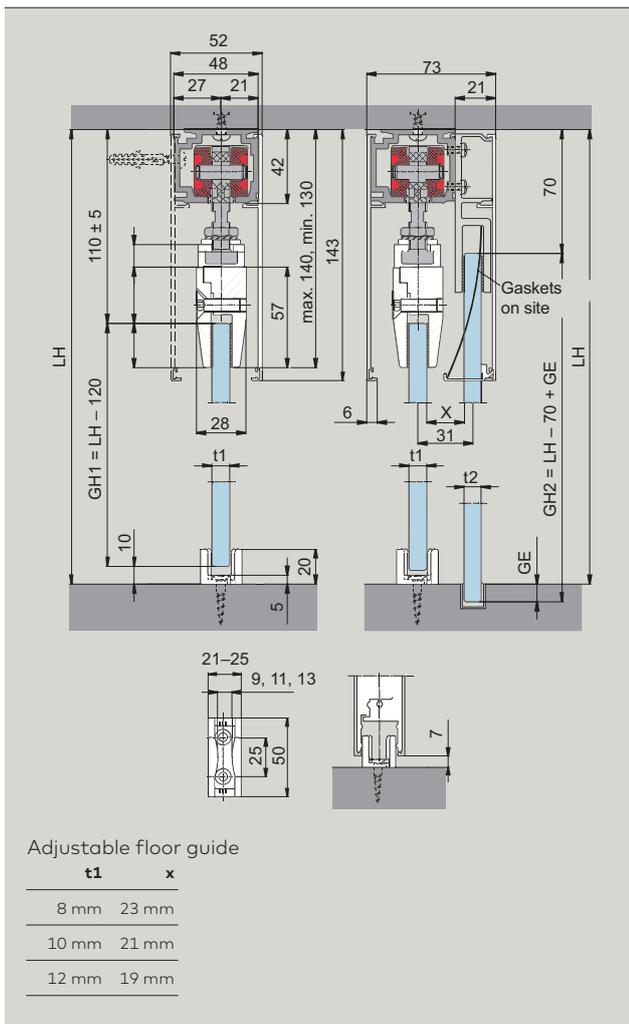
DORMA-GLAS has a wide experience in working with toughened glass, and this has led to the development of a clamping system which is all that is required for securing the glass blades in the RS sliding door gear. This has the additional benefit of allowing some door height adjustment, after the door is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



Type illustrations



Fixed at ceiling



Product description

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

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:

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

Calculation of glass width

Width of sliding door leaf:
 $A = LW + 40$ (min. 500)

Width of sidelight:

$S = A + 40$

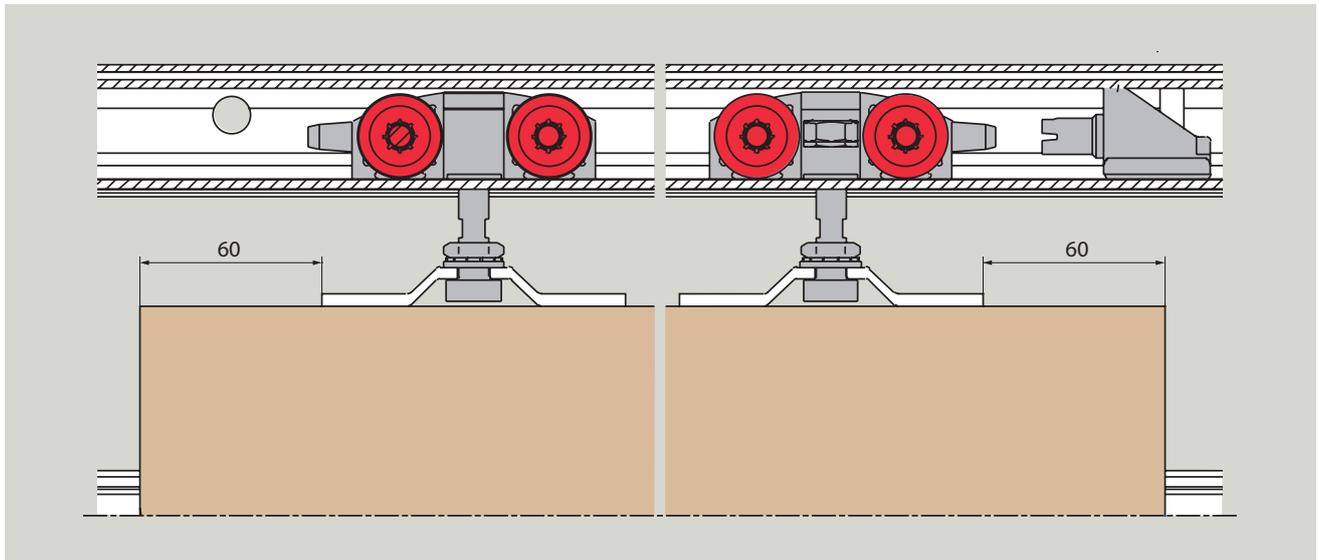
Note:

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 137).

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
t1 = Glass thickness sliding panel
t2 = Glass thickness side panel

Sliding door system for timber doors

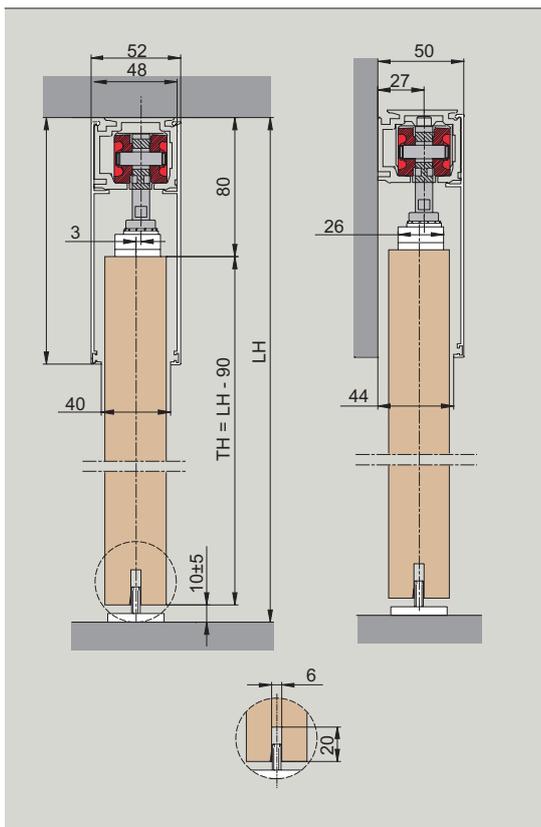


Sliding door system for timber doors

Product description

No. of carriers

max weight (kg) per door leaf



RS 120

For one or more door panels.

2

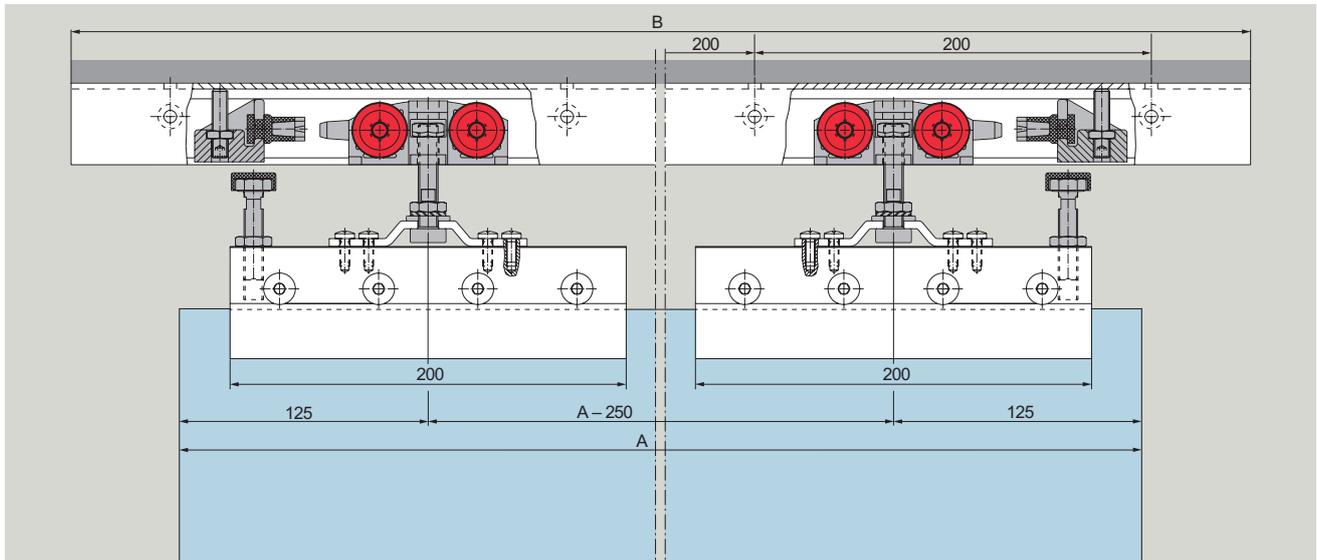
120

Calculation of door panel height

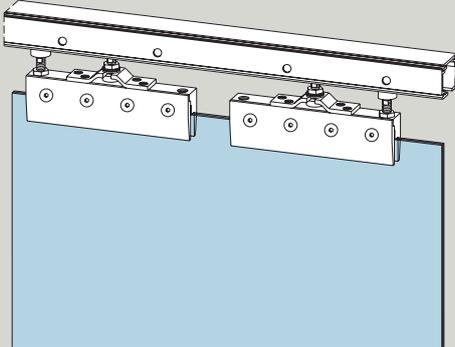
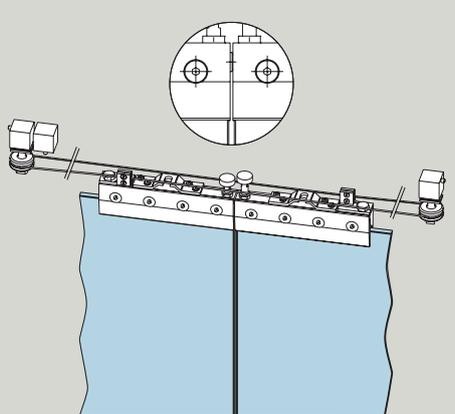
Height of sliding door leaf:
 $TH = LH - 90$
 (see drawing left hand)

TH = door height
 LH = clear opening height

Type illustrations ceiling installation

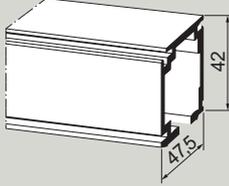
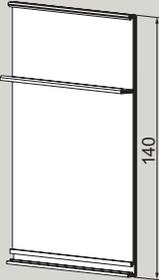
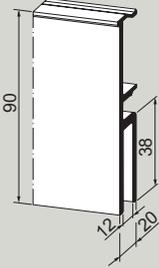
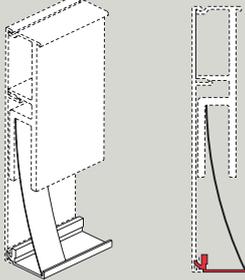


Opening to right side, Closing to left side (DIN Left)

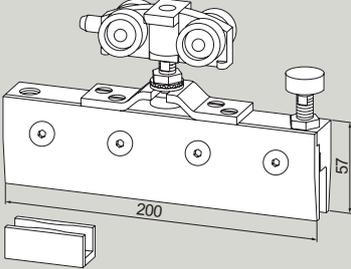
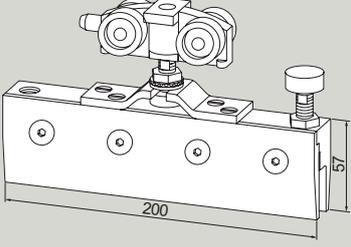
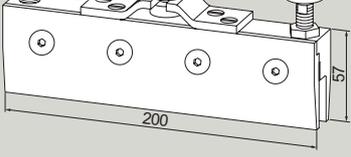
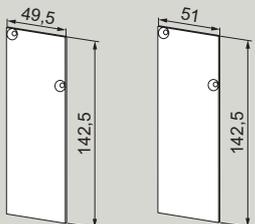
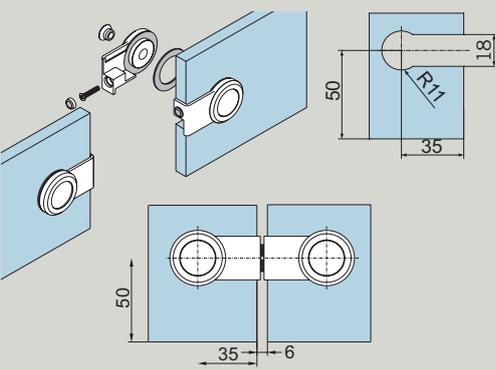
Fixed at ceiling	Product description	Track length B	Weight in kg	Art. No.
	Sliding door gear RS 120 complete, consisting of: 1 track, 2 carriers with clamping patches and support screw for 8 and 10 mm glass thicknesses, 2 end stops and 1 floor guide.	1900	4.503	07.101
		2900	5.858	07.102
	Sliding door gear RS 120 Synchro For 2-panel synchronously opening system, max. panel width = 2 x 1000 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 136).

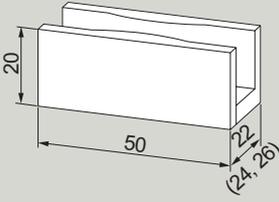
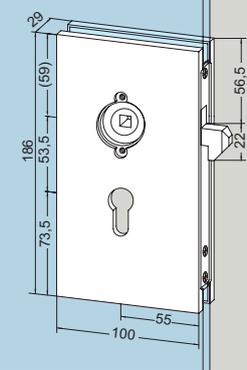
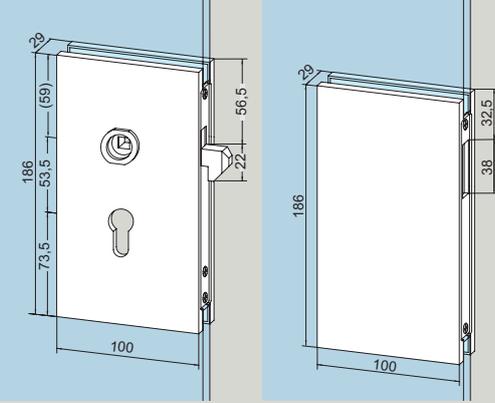
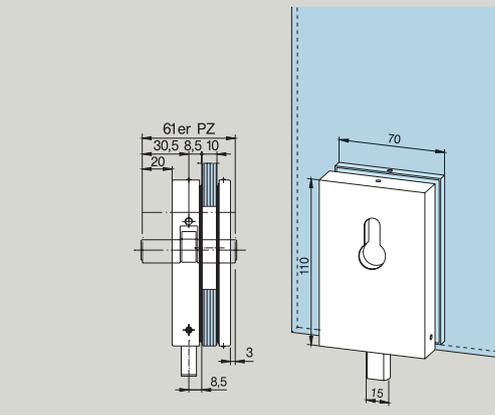
Component parts RS 120/RS 120 Syncro

	Product description	Weight in kg/m	Art. No.
	Track profile prepared for top or side fixing fixed length stock length 6000 mm	1.355	07.131 07.121
	Cover profile for clip attachment with connecting web for view protection profile 07.137/138 fixed length stock length 6000 mm	0.826	07.141 07.140
	Sidelight profile non prepared fixed length stock length 6000 mm	1.680	07.132 07.122
	Bottom view protection profile (only in combination with sidelight profile 07.132/122 and cover profile 07.141/140) fixed length stock length 6000 mm	0.164	07.137 07.138

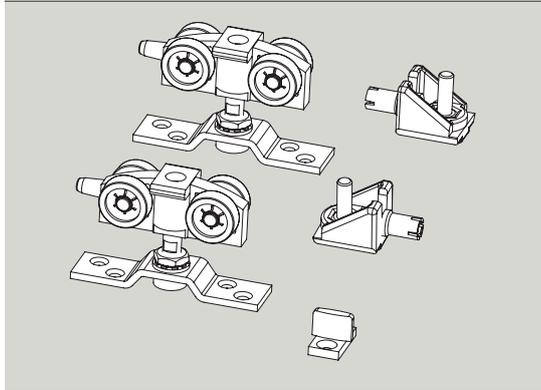
Accessories RS 120/RS 120 Synchro

	Product description	Weight in kg/m	Art. No.
	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		07.125
	Additional carrier with clamping patches (8 and 10 mm glass thicknesses) for max. panel weight 150 kg		07.123
	Pair of intermediate aluminum plates for 12 mm glass thickness (for 2 clamping parts) (not illustrated)		07.118
	Front cover left/right, incl. screws for wall mounting width 49.5 for ceiling mounting width 51	0,037	7.127
		0,037	7.129
	Spacer for sliding doors that move in opposite directions Please order our detail sheet 29-044-B for details of glass preparations.		29.420

Accessories RS 120/RS 120 Syncro

	Product description	Weight in kg/m	Art. No.
	Floor guide, adjustable	0.024	07.126
	Hook lock for sliding doors, nightlatch function, suitable for aluminum lever handles with round roses (10.307), prepared for Europrofile cylinder, left hand and right hand, with lock keeper plate	1.325	05.200
	Suitable for lever handles with follower Strike box to suit hook lock, (05.200, 05.202), non-handed	1.325	05.202
	Corner lock, for vertical or horizontal fixing, double throw, bolt projection 20 mm, hardened oval bolt, prepared for Europrofile cylinder	0.849 1.033	05.100
	Aluminum Brass prepared for KABA		05.105 not illustr.
	Aluminum Brass Prepared for one-sided Europrofile cylinder, lockable from inside	0.842 1.020	
	Aluminum Brass	0.858 1.038	05.116 not illustr.

Component parts for RS 120 for timber applications

Product description**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 Sliding Door Sets

142	General information
144	Set type 4.1/4.2
146	Set type 5.1/5.2
148	Set type 6.1/6.2
172	Accessories
186	Safety-related information

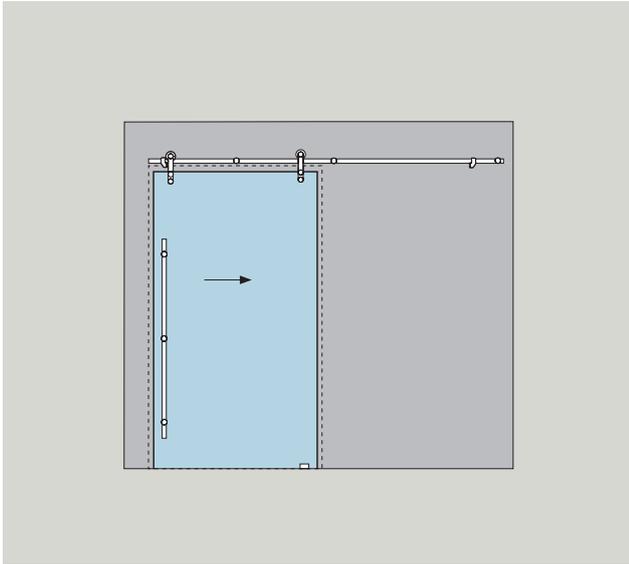
All elements -including the pull handles- are available in an elegant stainless steel finish. All the components are manufactured from the steel grade 1.4305 (approx. AISI 303) for normal interior applications.

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

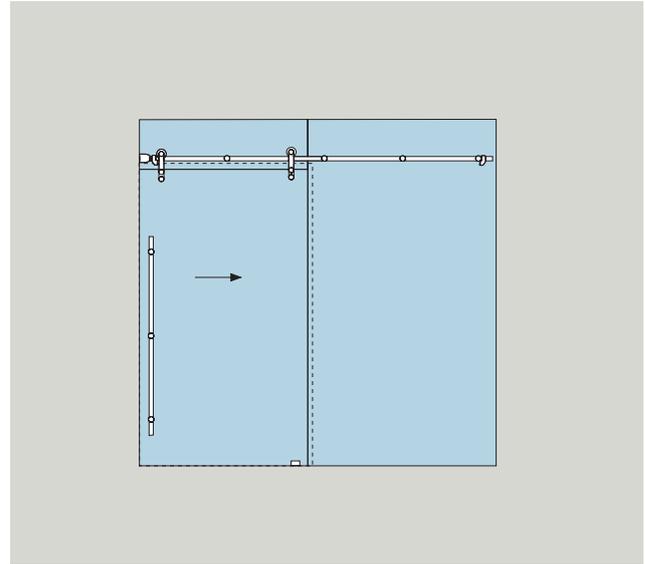


MANET Sliding Door Sets

MANET Sliding Door Sets



Set 4.1/4.2

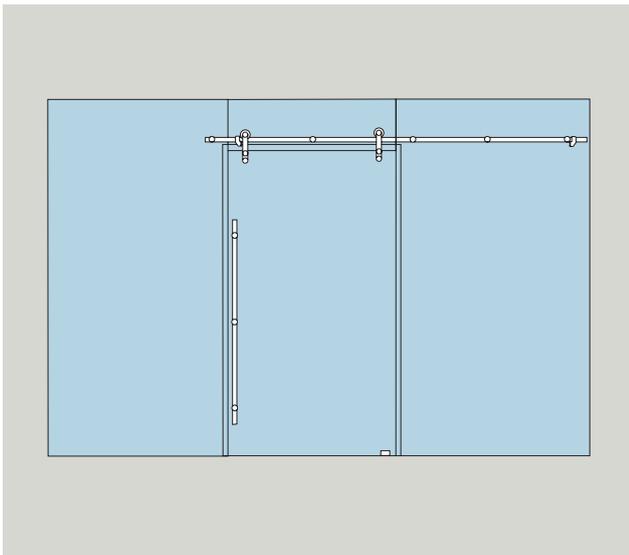


Set 5.1/5.2

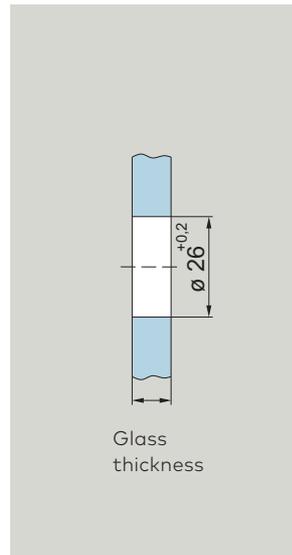
The aesthetic elegance of the MANET Sliding Door concept is also available in the form of standardized sets for simple, fast planning of the more popular system types.

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

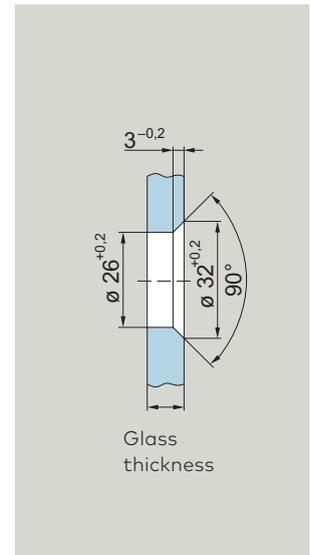
The system components offer numerous adjustment possibilities in order to ensure problem-free installation of whichever door type – sliding or swing, single action or double action – is required. Wall abutment profiles may need to be provided (by others) for fixing over-panels and sidelights. see DORMA-GLAS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



Set 6.1/6.2



Cylindrical bore for clamping disc single-point fixings

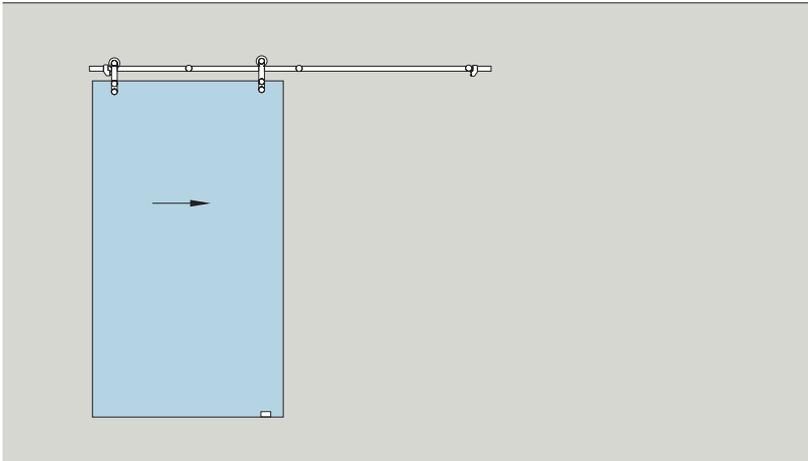


Countersunk bore for countersunk disc single-point fixings



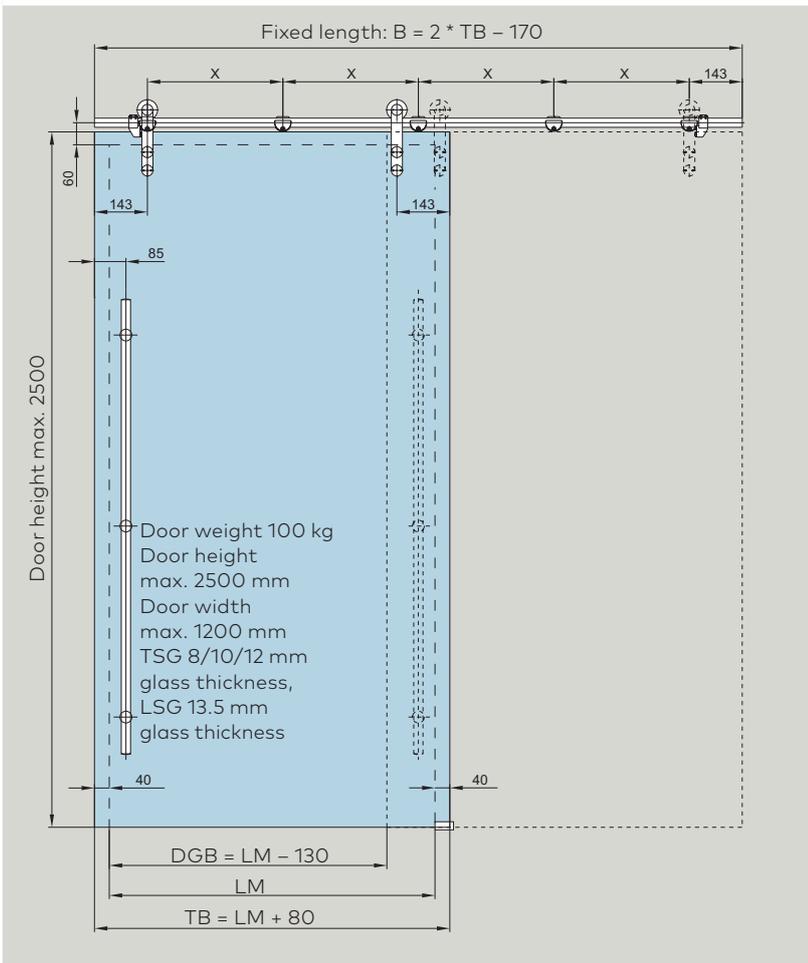
Set 4.1/4.2

Sliding door MANET for installation at wall, for 8 – 13.5 mm glass



Set 4.1
with single-point fixings countersunk

Set 4.2
with clamping disc single-point fixings



LM = Daylight opening
 TB = Door width
 DGB = Entry width

B = Tubular track length
 X = Distance of single-point fixings $(LL - 286) / 4$

Sliding door MANET for installation at wall, for 8 – 13.5 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: 5 Clamp fixings for track / wall 2 Roller carriers CLASSIC incl. single-point fixings for 8 – 13.5 mm glass 1 Door stop left hand 1 Door stop right hand 1 Floor guide AGILE Installation tools	29.916	29.917
Set as above, but with 16 mm extended clamp fixing	29.925	29.926
Not covered by the set: Tubular track incl. end cups in fixed length*	21.436	21.436
Tubular track, incl. end cups, stock length 3000 mm	21.527	21.527

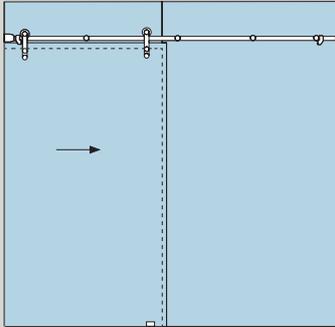
Accessory options for Set 4.1/Set 4.2

Pull handles / Recessed pull grip			
Pull handles	Length 350 mm	29.268	21.240
	Length 720 mm	29.271	21.241
	Length 1240 mm	29.274	21.242
	Length 1760 mm	29.277	21.243
Pair of pull handles	Length 350 mm		21.267
	Length 720 mm		21.270
	Length 1240 mm		21.273
	Length 1760 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			21.449
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 3000 mm		21.432
	stock length 6000 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

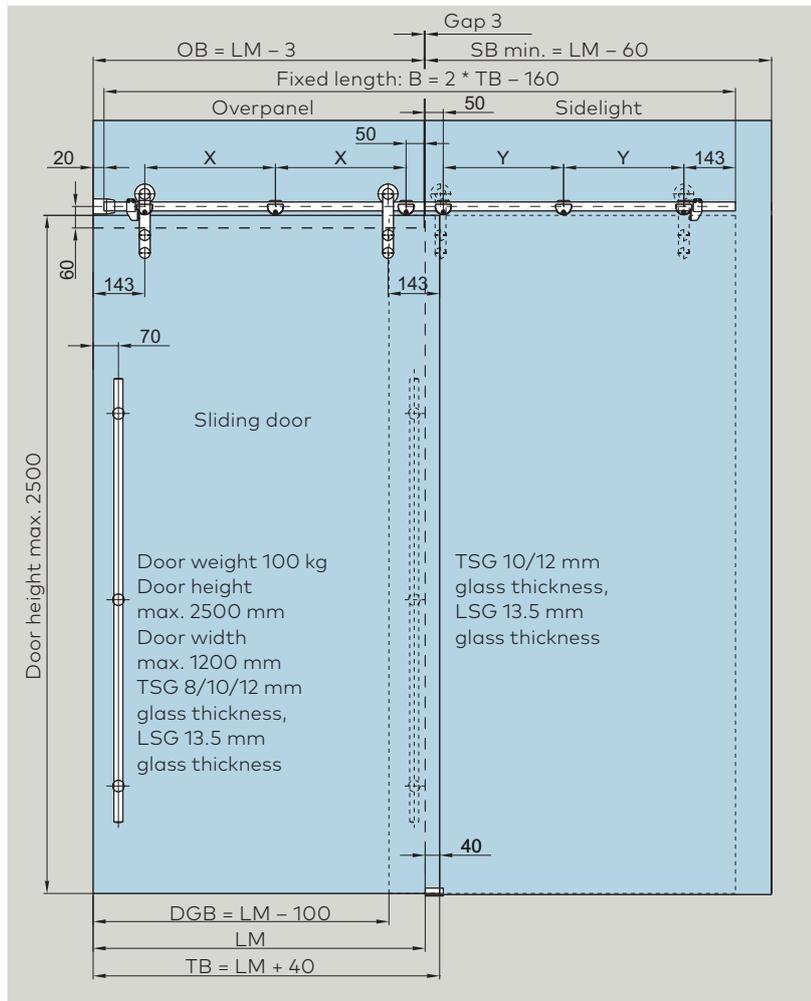
Sliding door MANET for installation at glass, one side attached to masonry



for sliding door 8 – 13.5 mm glass,
fixed element 10 – 13.5 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
- B = 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 for installation at glass, one side attached to masonry

**for sliding door 8 – 13.5 mm glass,
fixed element 10 – 13.5 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:
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

29.918
29.919
Not covered by the set:

Tubular track incl. end cups fixed length*

21.436

Tubular track incl. end cups,
stock length 3000 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 1240 mm	29.274	21.242
	Length 1760 mm	29.277	21.243

Pair of pull handles	Length 350 mm	21.267
	Length 720 mm	21.270
	Length 1240 mm	21.273
	Length 1760 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	21.449
--	---------------

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 3000 mm	21.432
	stock length 6000 mm	21.430

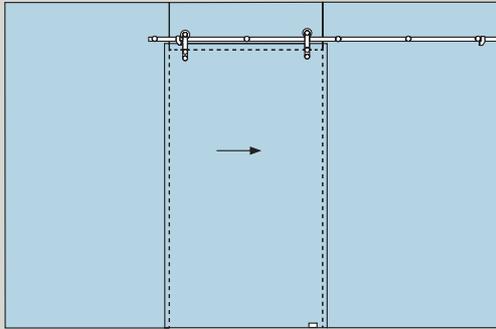
Ceiling connector (bearing function)	29.337	29.338
--------------------------------------	---------------	---------------

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

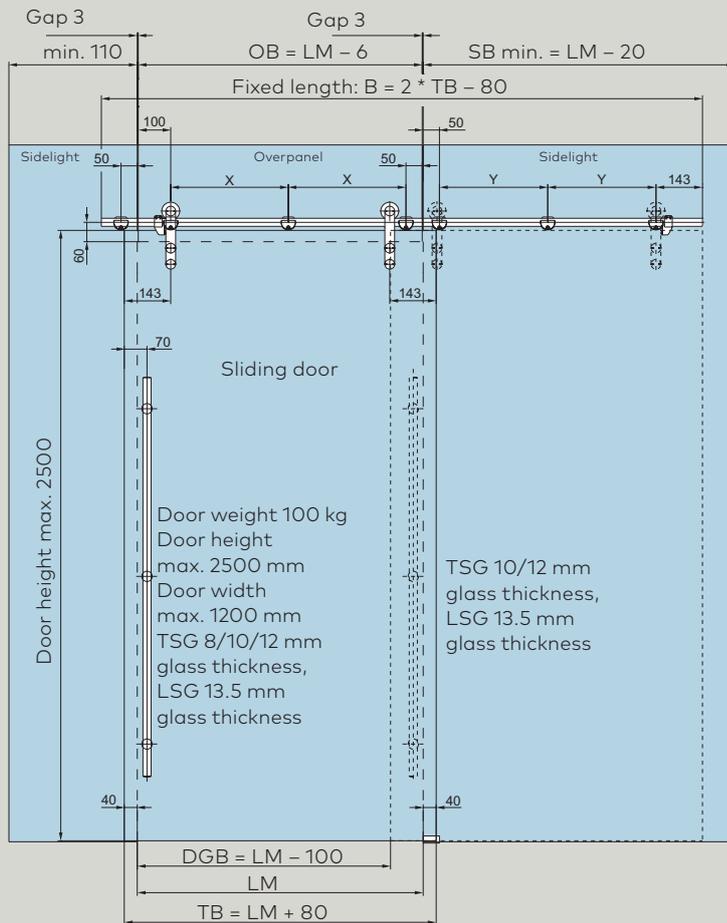
Sliding door MANET for installation at glass, sidelights on both sides



for sliding door 8 – 13.5 mm glass,
fixed element 10 – 13.5 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

- B = 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 for installation at glass, sidelight on both sides

**for sliding door 8 – 13.5 mm glass,
fixed elements 10 – 13.5 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 – 13.5 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 3000 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 1240 mm	29.274	21.242
	Length 1760 mm	29.277	21.243
Pair of pull handles	Length 350 mm		21.267
	Length 720 mm		21.270
	Length 1240 mm		21.273
	Length 1760 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		21.449
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 3000 mm	21.432	
	stock length 6000 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 Sliding Door Fittings

Accessories and connection systems

152	Tubular track
154	Solid track
156	Roller carrier
158/172	Accessories sliding door system
159	Connection elements
160	Accessories connection system
162	Glass preparation sliding door system
164	Glass preparation connection system
186	Safety-related information

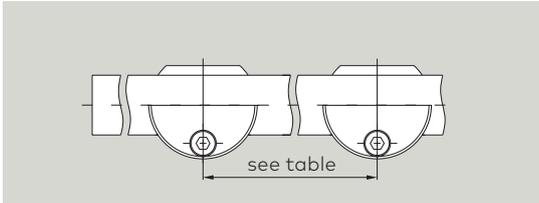
All elements -including the pull handles- are available in an elegant stainless steel finish. All the components are manufactured from the steel grade 1.4305 (approx. AISI 303) for normal interior applications.

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



MANET Sliding Door Fittings

Tubular track and accessories

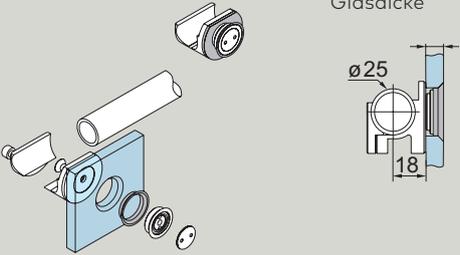
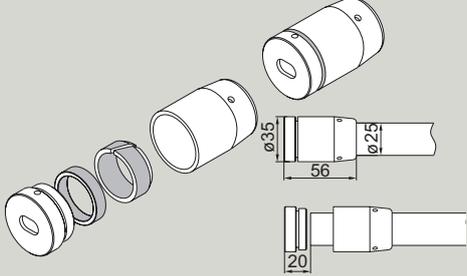


Recommended distance of the track fixing points

Door height in mm	Door width in mm																	
	700			800			900			1000			1100			1200		
	Glass thickness mm			Glass thickness mm			Glass thickness mm			Glass thickness mm			Glass thickness mm			Glass thickness mm		
	8	10	12	8	10	12	8	10	12	8	10	12	8	10	12	8	10	12
1900	350	350	350	400	400	400	450	450	450	500	500	500	550	550	530	600	550	520
2000	350	350	350	400	400	400	450	450	450	500	500	500	550	540	510	580	540	510
2100	350	350	350	400	400	400	450	450	450	500	500	500	550	530	500	570	530	500
2200	350	350	350	400	400	400	450	450	450	500	500	500	550	520	490	550	510	480
2300	350	350	350	400	400	400	450	450	450	500	500	500	550	510	480	540	500	470
2400	350	350	350	400	400	400	450	450	450	500	500	500	530	500	470	530	490	460
2500	350	350	350	400	400	400	450	450	450	500	500	500	520	490	460	520	480	450

	Product description	Art. No.
	Tubular track incl. end plugs stock length 3000 mm AISI 316L	21.527
	Fixed length up to 6000 mm AISI 316L	21.436

Tubular track fixing at wall	Product description	Art. No.
	Clamp fixing for tubular track at wall dto, but 16 mm extended	29.175
		29.178

Tubular track fixing at glass	Product description	Glass thickness	Art. No.
 <p>Glasdicke</p> <p>Ø25</p> <p>18</p>	<p>Clamp fixing for tubular track at glass</p> <p>single-point fixing countersunk*</p> <p>single-point fixing, clamping disc*</p>	10 – 13.5	29.176
 <p>Ø35</p> <p>56</p> <p>Ø25</p> <p>20</p> <p>2-dimensional adjustment via oblong hole</p>	<p>Wall fixing for tubular track / solid track</p>		29.445

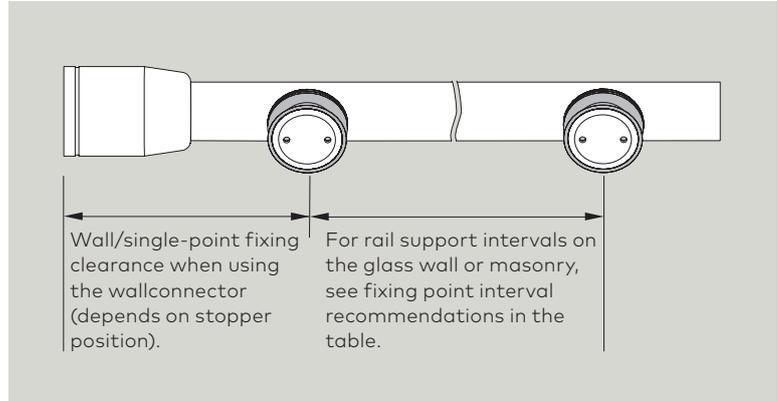
Solid track and accessories

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.

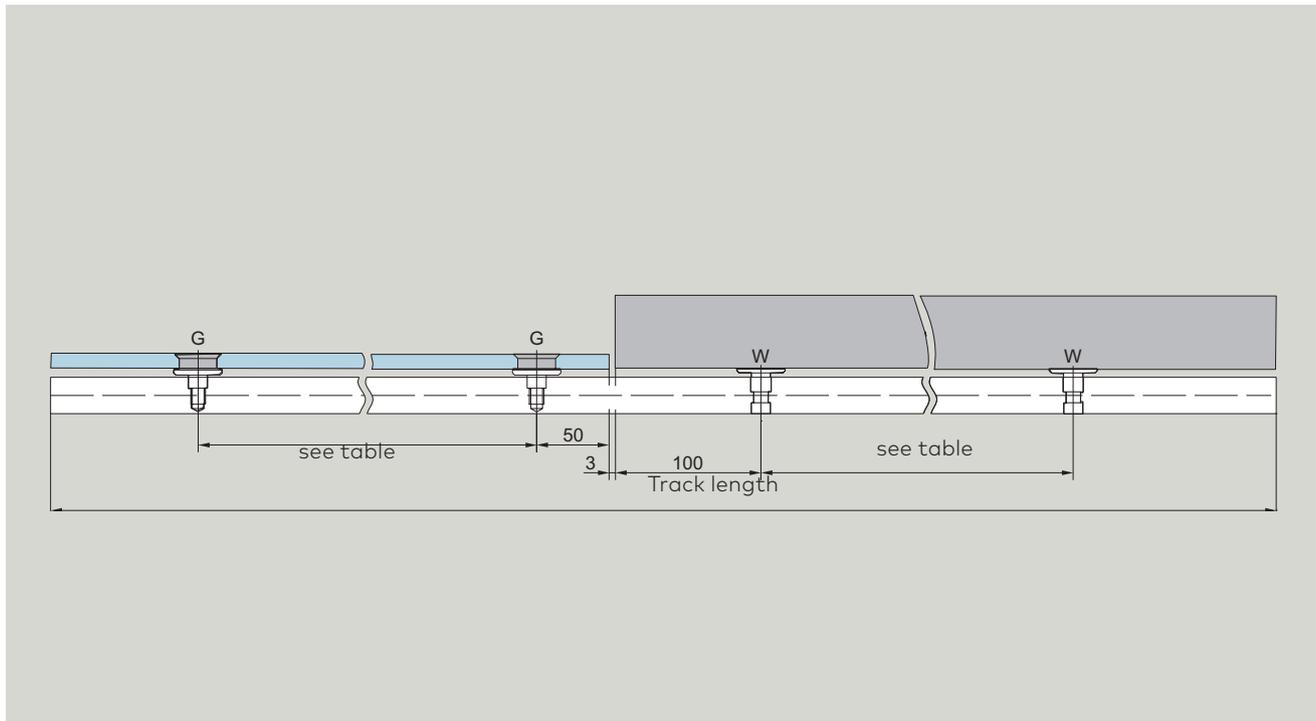
Fixing screws for wall installation by others

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

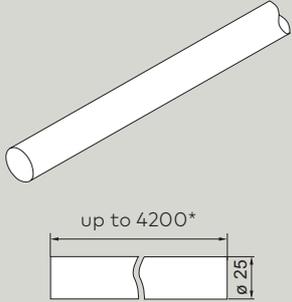


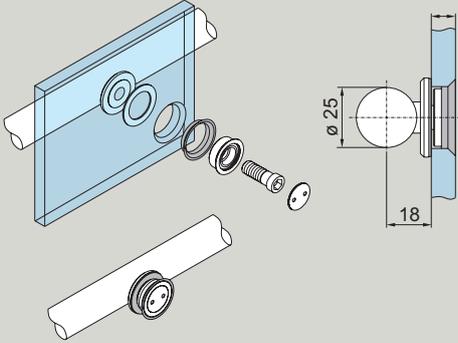
G = Fixing point at glass
W = Fixing point at wall

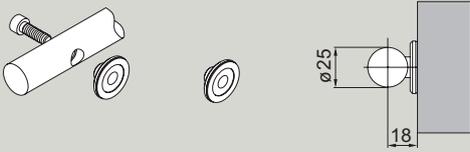
K = Connection
WK = Angle-connection

Recommended distance of the track fixing points

Door height in mm	Door width in mm																	
	700			800			900			1000			1100			1200		
	Glass thickness mm			Glass thickness mm			Glass thickness mm			Glass thickness mm			Glass thickness mm			Glass thickness mm		
	8	10	12	8	10	12	8	10	12	8	10	12	8	10	12	8	10	12
1900	770	710	670	770	720	670	770	710	670	760	710	670	760	700	660	750	700	650
2000	750	700	650	750	700	660	750	700	650	740	690	650	740	680	640	730	680	640
2100	730	680	640	730	680	640	730	680	640	730	670	630	720	670	630	710	660	620
2200	710	660	620	710	660	620	710	660	620	710	660	620	700	650	610	700	650	610
2300	690	640	610	700	650	610	700	640	610	690	640	600	690	640	600	680	630	600
2400	680	630	590	680	630	590	680	630	590	680	630	590	670	620	590	670	620	580
2500	660	610	580	670	620	580	670	610	580	660	620	580	660	610	580	650	610	570

	Produktbeschreibung	Art.-No.
	<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 4200 mm</p> <p>for fixing at wall up to 6000 mm</p>	<p>21.405</p> <p>21.406</p>

Single-point fixing for solid track fixing at glass	Product description	Glass thickness	Art. No.
	<p>for X = 20 – 30 mm Single-point fixing, countersunk, fixed AISI 316L</p>	<p>10 – 13.5</p>	<p>29.460</p>

Solid track fixing at wall	Product description	Art. No.
	<p>Flange for fixing the track at wall</p>	<p>21.346</p>

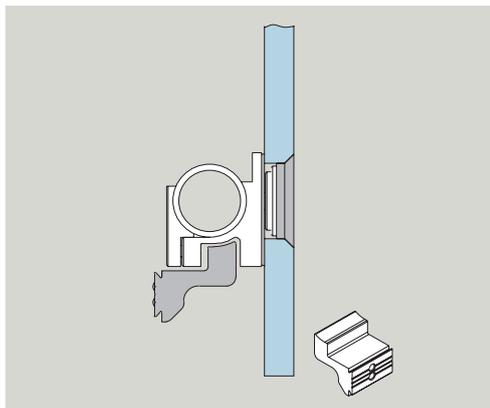
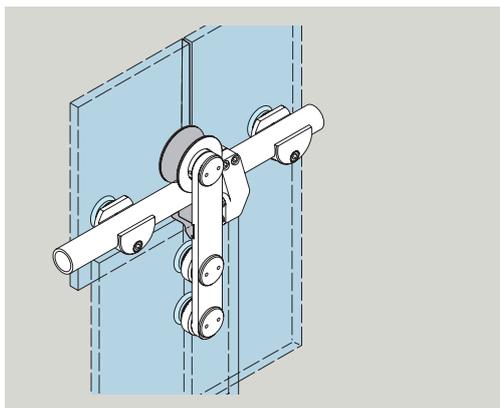
Roller carrier and accessories

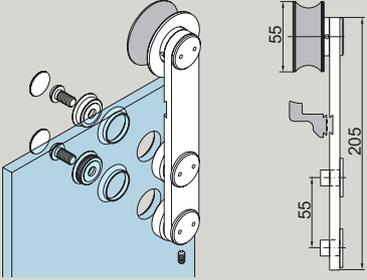
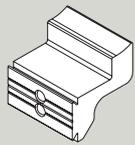
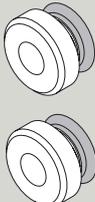
The MANET sliding door system integrates perfectly and elegantly into the room concepts created in this way. Depending on style and taste, you can choose between surface-mounted and glass point fixings (clamping disk or counter-sunk).

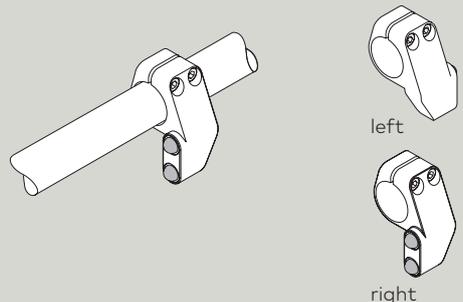
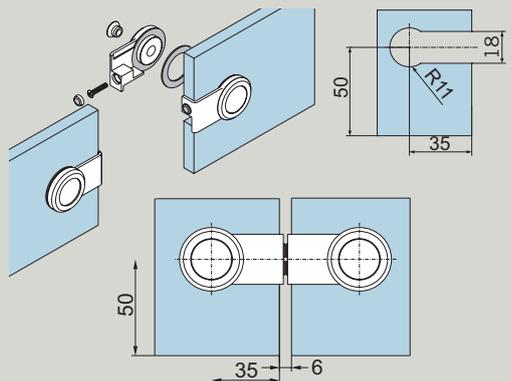
In addition to the standard versions incorporated in toughened glass partitions this hardware system can also be used to bi-parting sliding doors and parallel sliding doors. The fittings are designed for a door weight of max. 120 kg, Mechanical stops that can be positioned on the track rail ensure that the door travel distance is effectively limited.



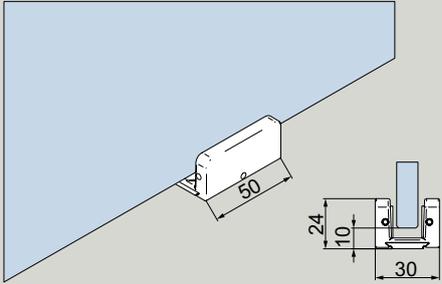
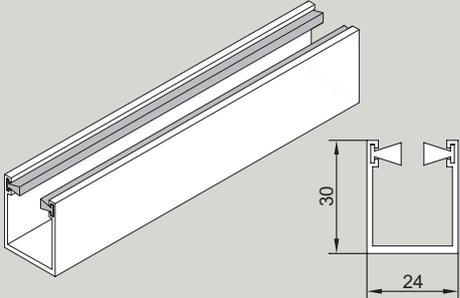
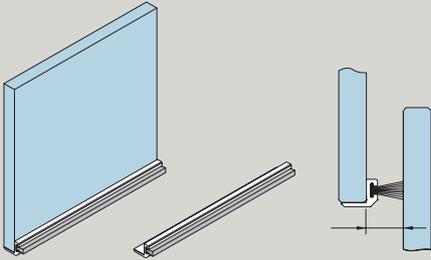
Glass connection with clamp fixing and tubular tracks



	Product description	Glass thickness	Art. No.
	Roller carrier CLASSIC incl. anti-jump device only lug with roller		29.422
	Lift-out protection PU: 2 pieces (for systems from delivery date 01.2012. Older versions on request.)		29.221
	Single-point fixing for roller carrier, 2 pcs. each countersunk for glass	8 – 13.5 mm	29.430

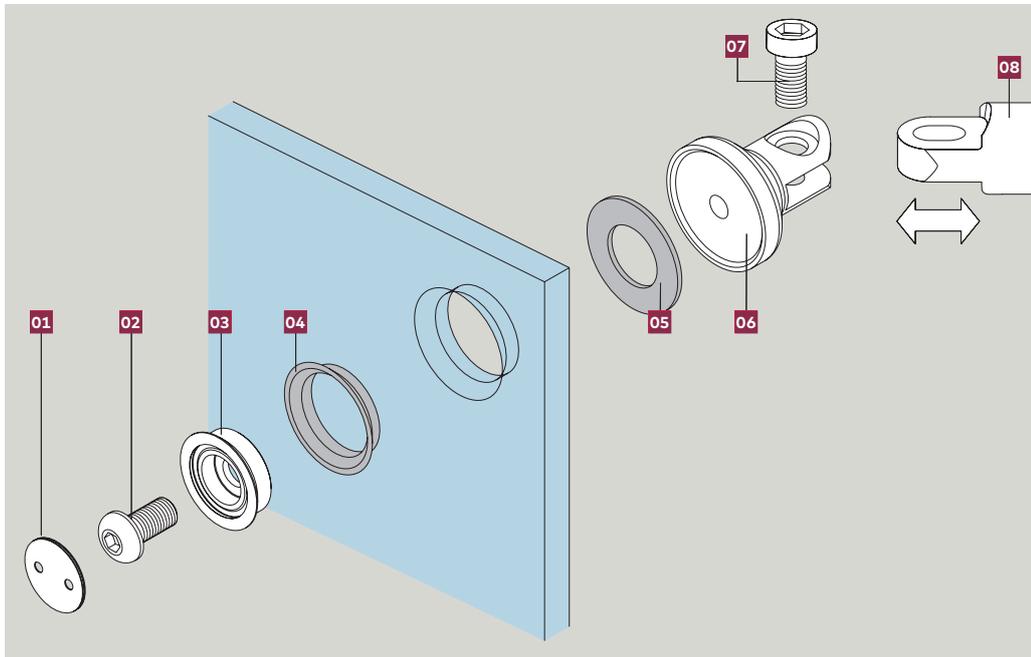
Door stop	Product description	DIN	Art.-No.
	Door stop	left right	29.425 29.428
	Spacer for sliding doors that move in opposite directions Please order our detail sheet 29-044-B for details of glass preparations.		29.420

Accessories for sliding door system

	Product description	Glass thickness	Art. No.
 <p>Technical drawing of a floor guide clamping disc. It shows a perspective view of the disc clamped to the bottom edge of a glass pane. A dimension line indicates a length of 60 mm. A cross-sectional view shows the disc's profile with dimensions: a height of 24 mm, a width of 10 mm, and a base width of 30 mm.</p>	<p>Floor guide clamping disc, applicable for glass</p> <p>AL anodized, similar stainless steel, satin (157)</p>	<p>8 – 13,5</p>	<p>36.105</p>
 <p>Technical drawing of a subsurface floor guide track rail. It shows a perspective view of the rail with a brush strip. A cross-sectional view shows the rail's profile with dimensions: a height of 30 mm and a width of 24 mm.</p>	<p>MUTO Premium XL 80/150 Subsurface floor guide track rail with brushes</p> <p>stock length 6000 mm fixed length</p>		<p>36.561 36.562</p>
 <p>Technical drawing of an aluminum brush profile. It shows a perspective view of the profile next to a glass pane. A cross-sectional view shows the profile's shape with a brush strip. Below the drawing, the following text is provided: X= 15.5 for 8 mm glass X= 13.5 for 10 mm glass X= 11.5 for 12 mm glass</p>	<p>Aluminum brush profile similar satin stainless steel</p> <p>for gap size 14 – 18 mm stock length 3000 mm</p> <p>fixed length up to 6000 mm</p> <p>for gap size 10.5 – 13 mm stock length 3000 mm</p> <p>fixed length up to 6000 mm</p>		<p>07.402</p> <p>07.403</p> <p>07.400</p> <p>07.401</p>

Connection elements

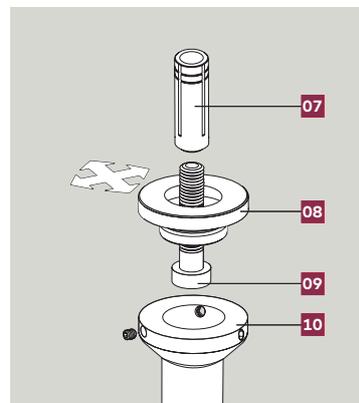
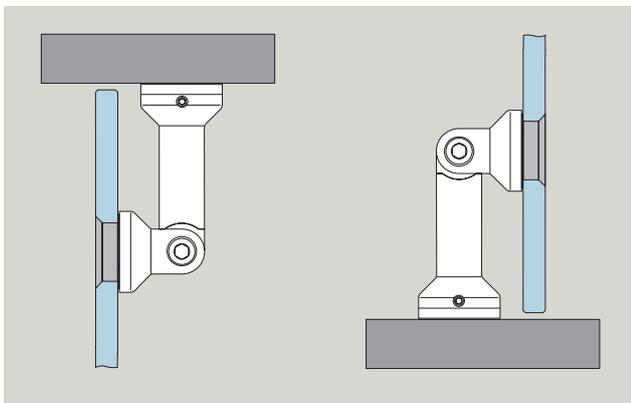
Glass fixing



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

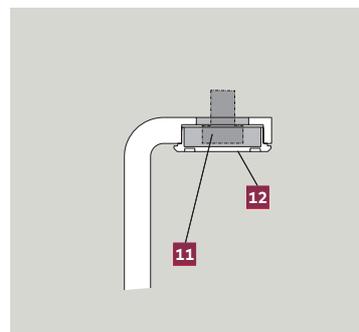
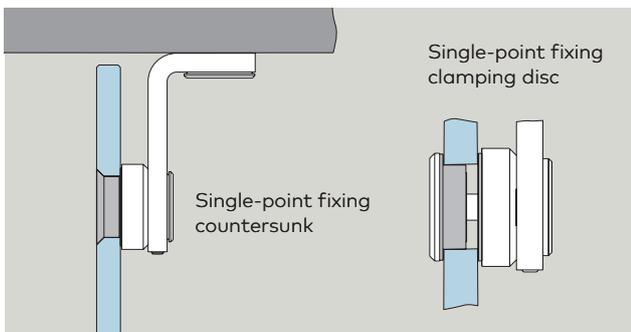
Connection ceiling / floor



Components

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

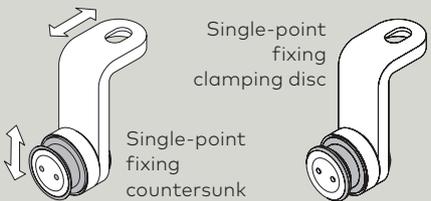
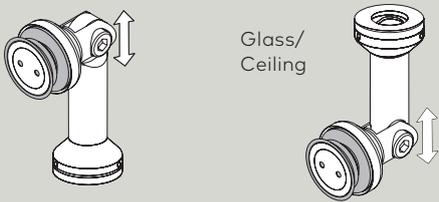
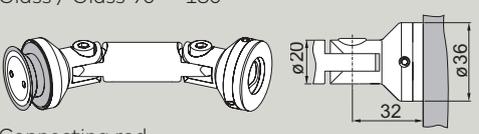
Alternative connection ceiling

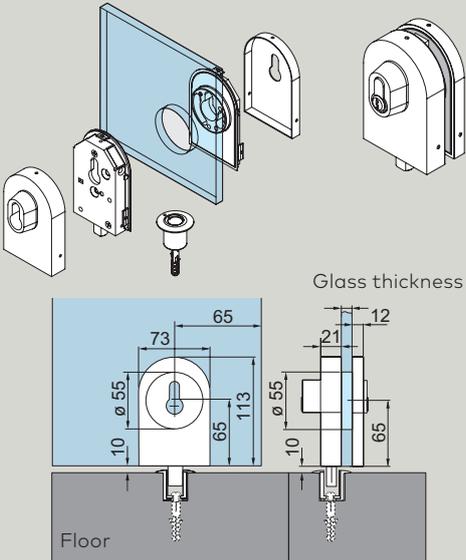
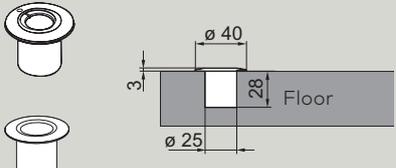
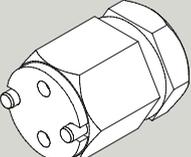
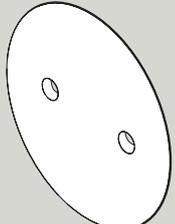


Components

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

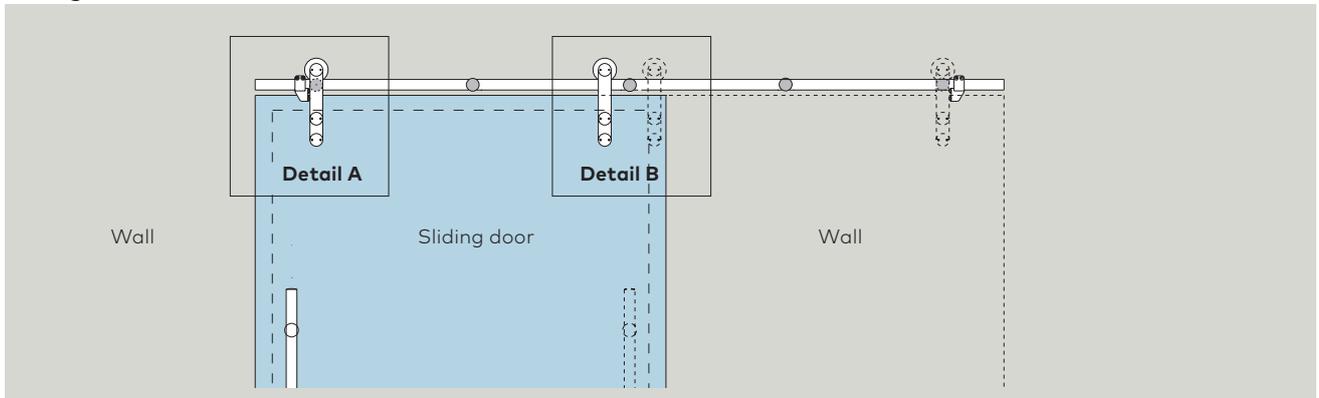
Accessories for connection system

	Product description	Glass thickness	Art. No.
 <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) max. 35 kg / piece</p> <p>countersunk AISI 316L</p> <p>clamping disc AISI 316L</p>	<p>8 – 13.5</p>	<p>29.337</p> <p>29.338</p>
 <p>Glass / bottom</p> <p>Glass / Ceiling</p>	<p>Complete fitting Ceiling connector</p>	<p>8 – 13.5</p>	<p>29.145</p>
 <p>Glass / Glass 90° – 180°</p> <p>Connecting rod 60 / 103 mm</p>	<p>Complete fitting glass / glass</p> <p>With connecting rod 60 mm</p> <p>With connecting rod 103 mm</p>	<p>8 – 13.5</p>	<p>29.122</p> <p>29.130</p>
 <p>Glass / Glass 90° – 180°</p> <p>Connecting rod 60 / 82 mm</p>	<p>Complete fitting glass / wall</p> <p>With connecting rod 60 mm mit Verbindungsachse 103 mm</p>	<p>8 – 13.5</p>	<p>29.140</p> <p>29.158</p>

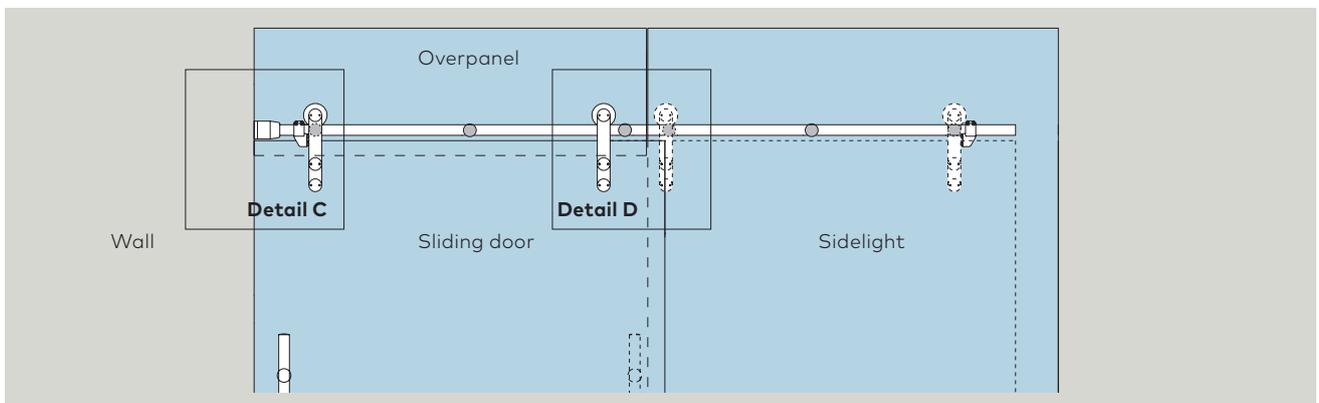
	Product description	Glass thickness	Art. No.
	<p>Corner lock with profile cylinder rose on the inside for glass</p> <p>Profile cylinder for corner lock</p>	<p>8 – 13,5</p>	<p>21.449</p> <p>14.206</p>
	<p>Eccentric bushing for corner lock</p>		<p>05.194</p>
	<p>Strike plate</p>		<p>05.190</p>
	<p>Assembling tool for MANET single-point fixing</p>		<p>21.134</p>
	<p>Clip-on cover for single-point fixing with spring, 5 pieces</p> <p>material 1.4305 do.material 1.4404</p>		<p>29.217</p> <p>29.219</p>

Glass preparation for sliding door system

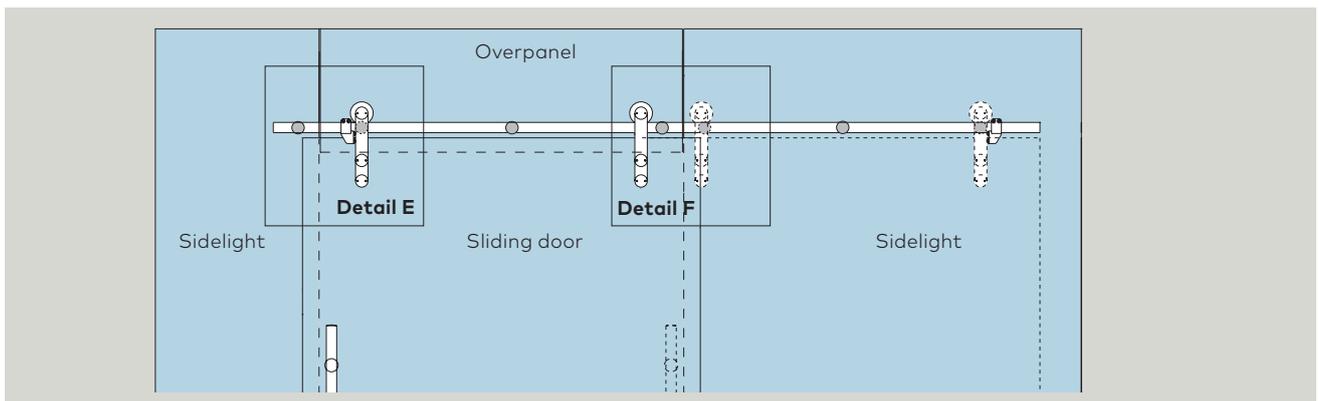
Sliding door to wall

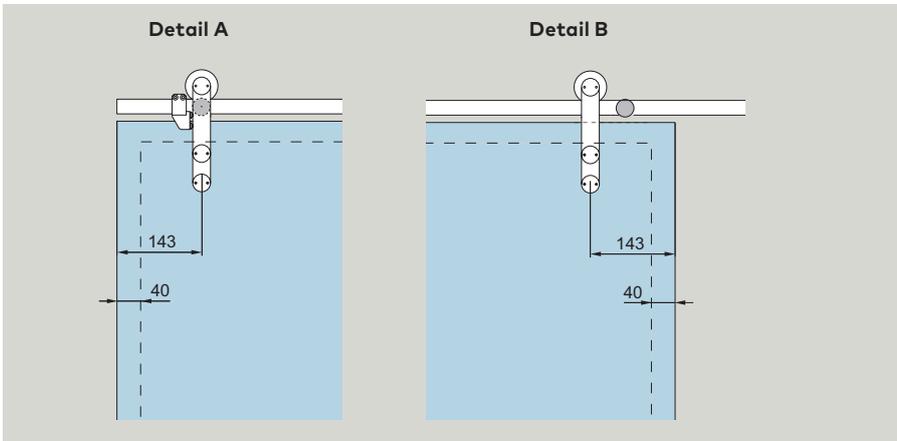


Sliding door with sidelight and overpanel

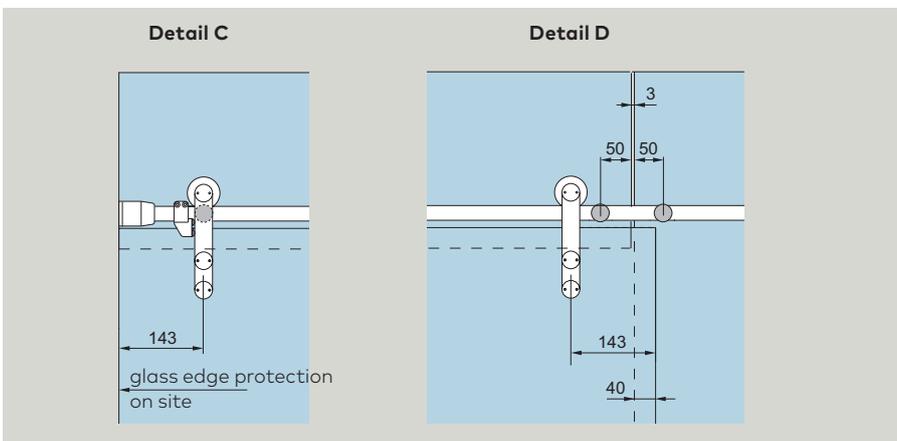
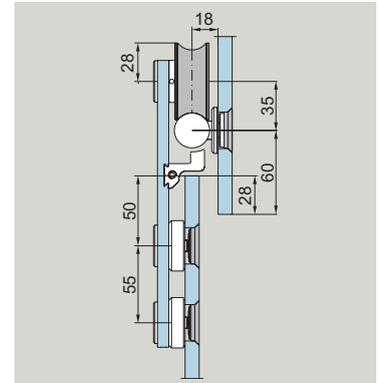


Sliding door with two sidelights and overpanel

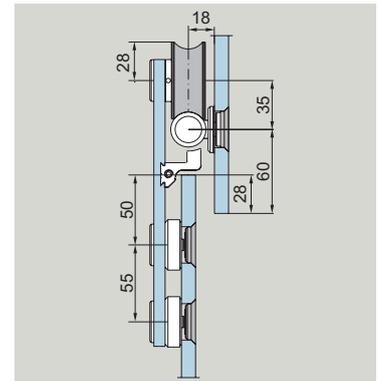




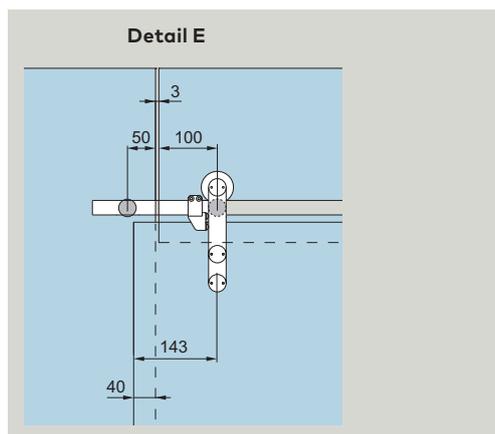
Sliding door with solid track



Sliding door with tubular track and clamp fixing

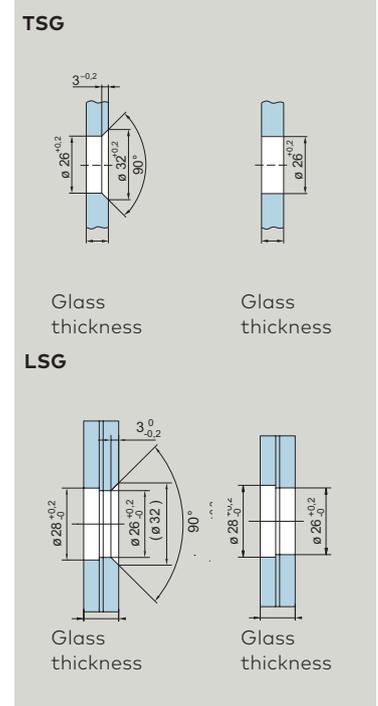


Dimensional data should be regarded exclusively as recommended values. Please remember when designing your system that the positions of the stops and point fixings must not vertically coincide. For spacing/interval recommendations when drilling the track holes, and for requisite dimensions for fixing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



Countersunk bore for countersunk single-point fixings

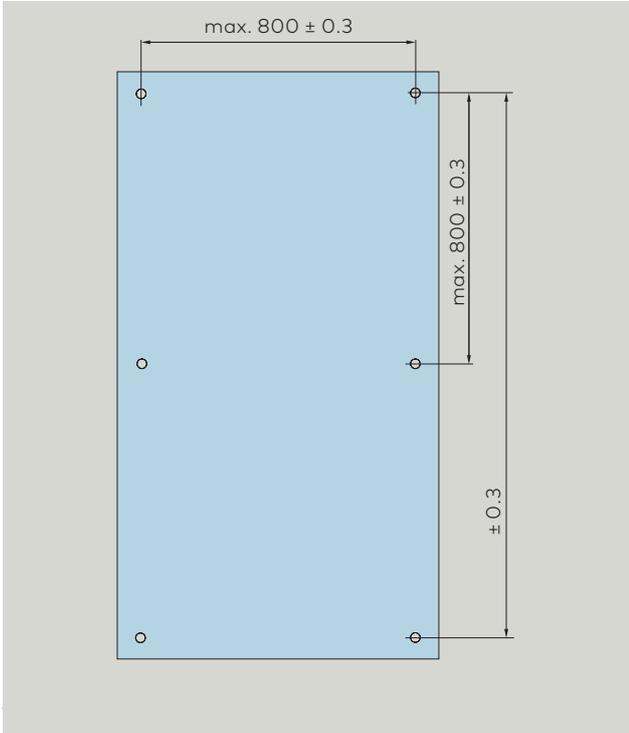
Cylindrical bore for clamping disc single-point fixings



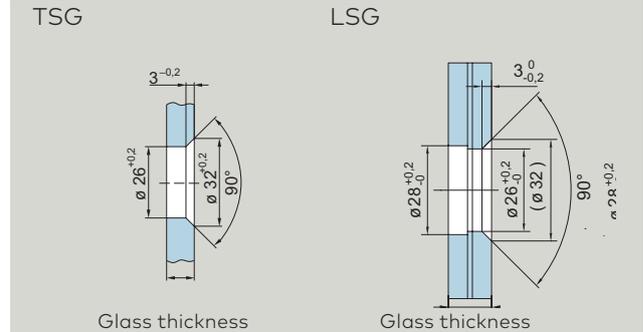
An appropriately dimensioned and torsionally stiff substructure needs to be provided for installation.

Glass preparation connection system

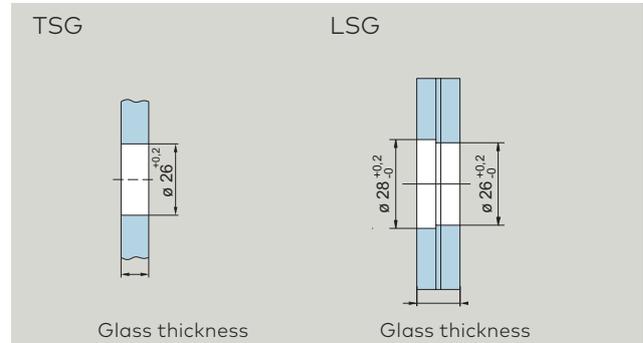
For TSG and LSG from TSG.
Recommended centers for fixed glazing element



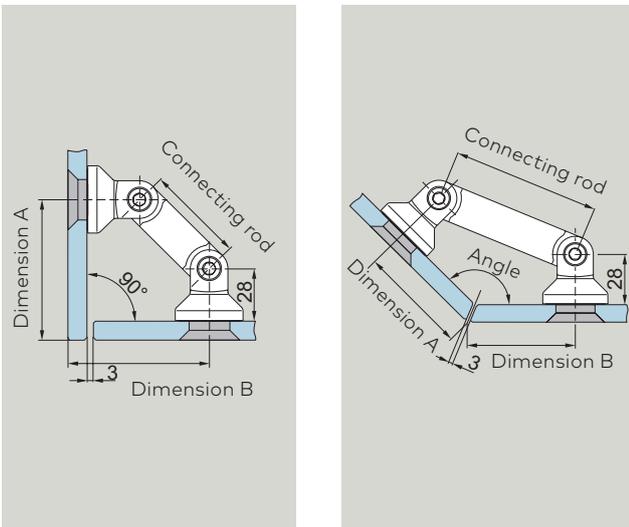
Countersunk bore for countersunk single-point fixings



Cylindrical bore for clamping disc single-point fixings



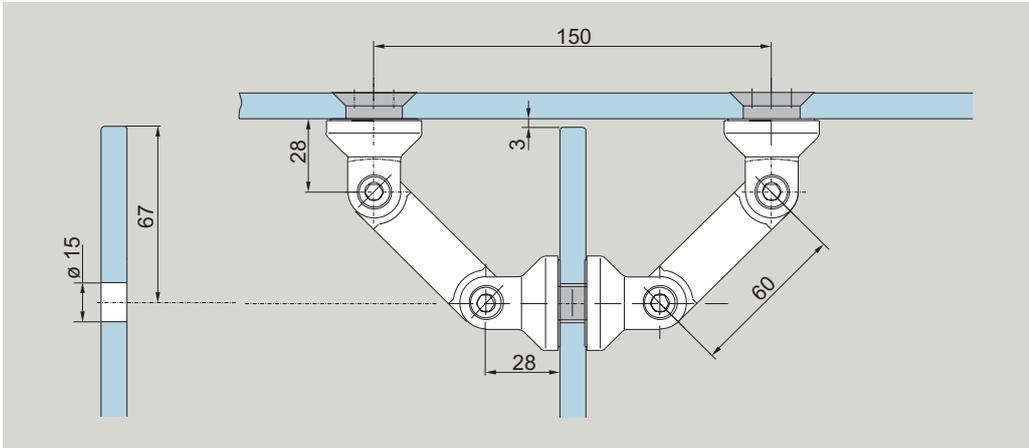
Corner connectors glass / glass 90 – 180°



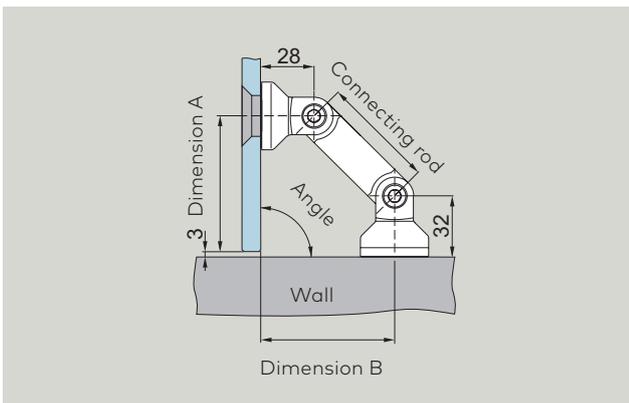
Corner connectors glass / glass (dimensions in mm)

	60	103
Angle	A/B	A/B
90°	80	111
95°	76	105
100°	71	99
105°	67	94
110°	63	90
115°	60	85
120°	57	81
125°	54	78
130°	51	75
135°	48	72
180°	(theo.28)	50

Clamping connector

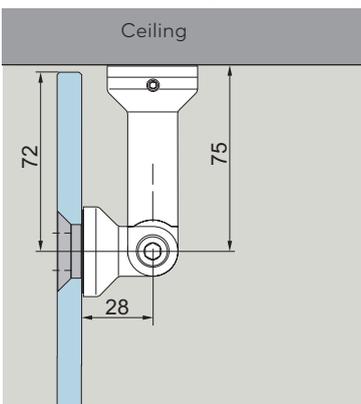


Corner connectors glass / wall 90 – 180°

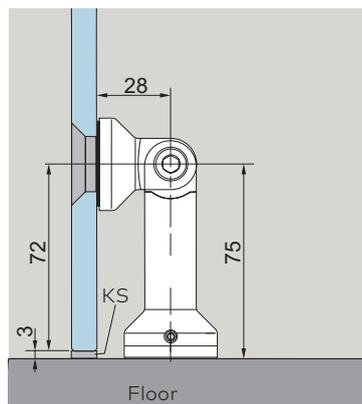


Glass / wall (dimensions in mm)		
	60	103
Angle	A/B	A/B
90°	72/70	111

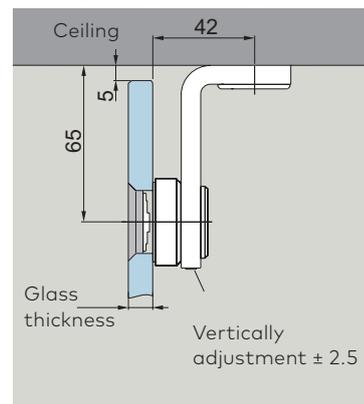
Corner connector glass / ceiling



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

Wall connection profile

168	General information
186	Components
172	Accessories
186	Safety-related information



**Wall connection
profile**

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).

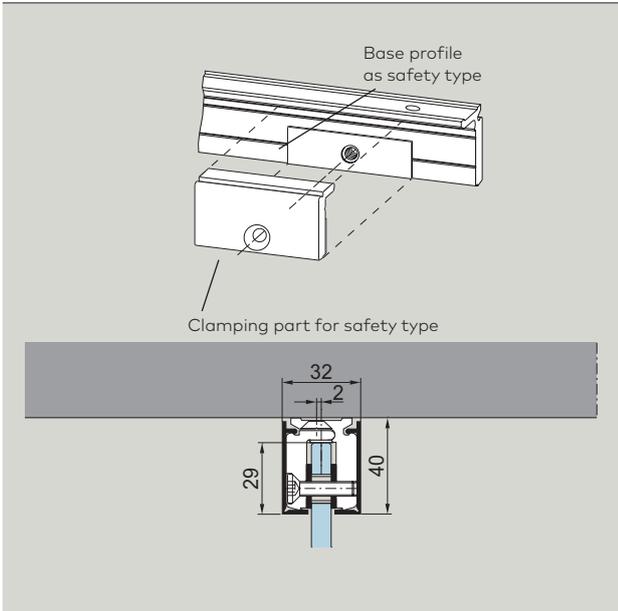
	Product description	Glass thickness	Art. No.
	Base profile 6000 mm Stock length	8 mm 10 mm 12 mm 12.7 mm 13.5 mm 15 mm 17 mm 19 mm	07.042 07.001 07.002 07.045 07.046 07.047 07.048 07.049
	Fixed length	8 mm 10 mm 12 mm 12.7 mm 13.5 mm 15 mm 17 mm 19 mm	07.050 07.051 07.052 07.055 07.056 07.057 07.058 07.059
	Clamping part (addition/replacement) 60 mm long, with screws and gasket strips	8 mm 10 mm 12 mm 12.7 mm 13.5 mm 15 mm 17 mm 19 mm	07.043 07.004 07.005 07.085 07.086 07.087 07.088 07.089

Safety type

Product description

Glass thickness

Art. No.



Base profile as safety type
6000 mm Stock length

8
10 **07.060**
 07.061

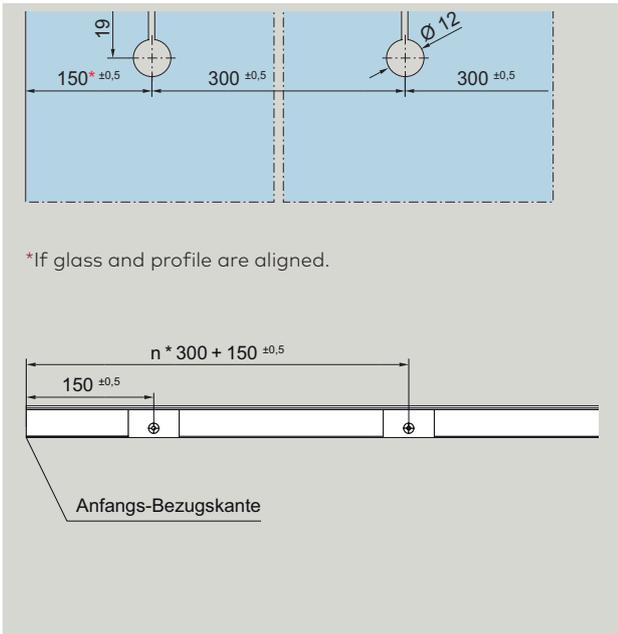
Fixed length

8 **07.066**
10 **07.067**

Weight in kg/m:
Aluminum 1.200

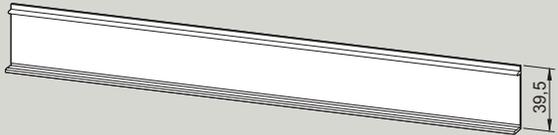
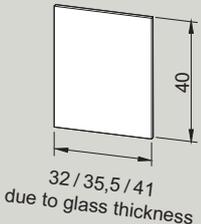
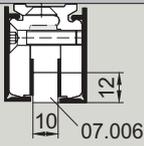
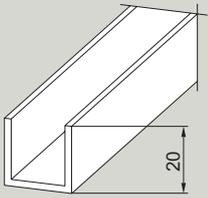
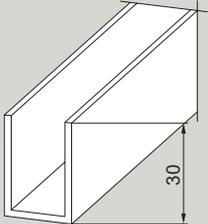
Clamping part (addition/replacement) for Safety type
60 mm long,
with screws and gasket strips

8 **07.063**
10 **07.064**



Glass preparation for Safety type

*If glass and profile are aligned.

	Product description	Glass thickness	Art. No.
	<p>Clip on cover profile brass and stainless steel, satin available</p> <p>Weight in kg/m: Aluminum 0.216 Stainless steel 0.366</p> <p>6000 mm stock length fixed length</p>		<p>07.003 07.053</p>
	<p>End cap</p> <p>Weight in kg/pc: Aluminum 0.003 Brass 0.090 Stainless steel 0.090</p> <p>Aluminum 0.003 Brass 0.010 Stainless steel 0.010</p> <p>Aluminum 0.003 Brass 0.011 Stainless steel 0.012</p>	<p>8, 10</p> <p>12-13.5</p> <p>15-19</p>	<p>07.007</p> <p>07.044</p> <p>07.065</p>
	<p>Filler block, 10 x 12 mm</p> <p>6000 mm stock length fixed length</p> <p>Weight in kg/m: Aluminum 0.325</p>		<p>07.006 07.054</p>
	<p>U-profile 20 x 20 x 20 x 2 mm</p> <p>6000 mm stock length fixed length</p> <p>Weight in kg/m: Aluminum 0.304</p>		<p>07.092 07.093</p>
	<p>U-profile 30 x 20 x 30 x 2 mm</p> <p>6000 mm stock length fixed length</p> <p>Weight in kg/m: Aluminum 0.304</p>		<p>07.097 07.096</p>

Space for your notes

Content

Accessories

- 174 **General information**
- 175 **Handle bars, door knobs,
recessed pull grips and brush seals**
- 186 **Safety-related information**



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.

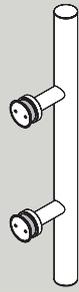
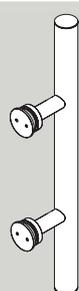
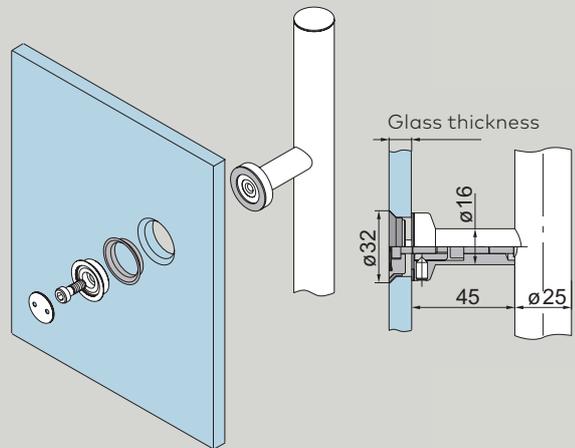
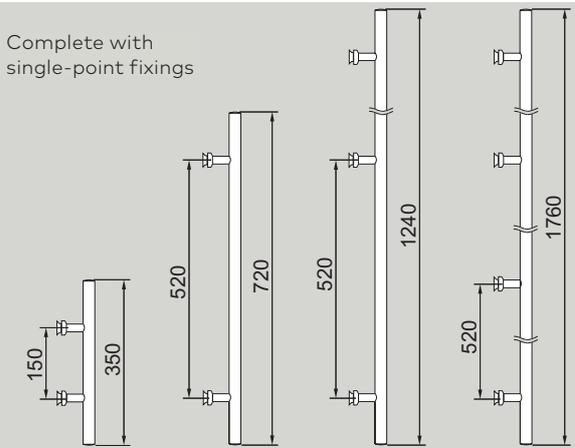
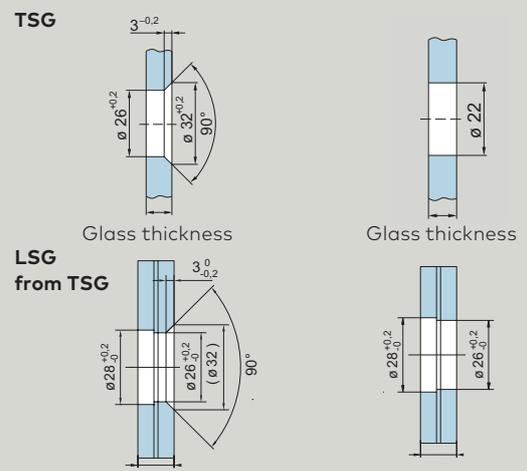


Handle bars

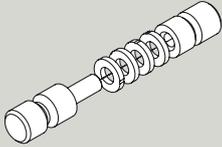
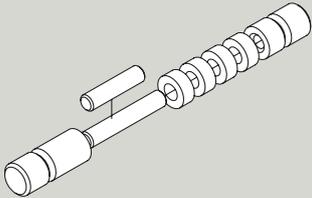
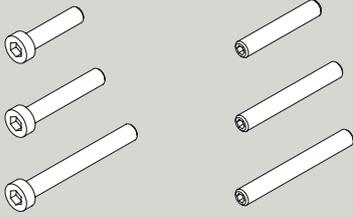
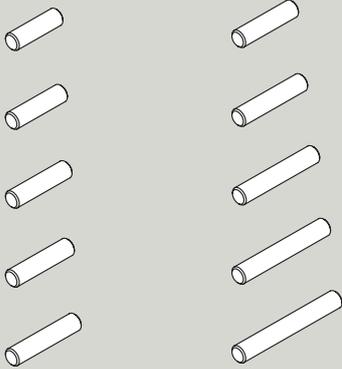
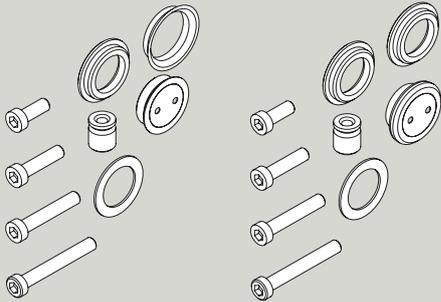
	Product description	Glass thickness	Art. No.
	Pair of handle bars satin stainless steel length 350 mm, 2 fixing points, weight in kg: 1.254 material 14305 do., material 1.4404	8/10/12	21.267* 21.247
	Pair of handle bars satin stainless steel length 720 mm, 2 fixing points, weight in kg: 1.947 material 14305 do., material 1.4404	8/10/12	21.270* 21.250
	Pair of handle bars satin stainless steel length 1240 mm, 3 fixing points, weight in kg: 3.400 material 14305 do., material 1.4404	8/10/12	21.273* 21.253
	Pair of handle bars satin stainless steel length 1760 mm, 4 fixing points, weight in kg: 5.000 material 14305 do., material 1.4404	8/10/12	21.276* 21.256

* Conversion sets for back to back pull handles for timber doors resp. other glass thicknesses see unter "Spacing adjustment for pull handles and door knobs", page „Spacing adjustment for pull handles and door knobs“ auf Seite 177.

Pull handles single

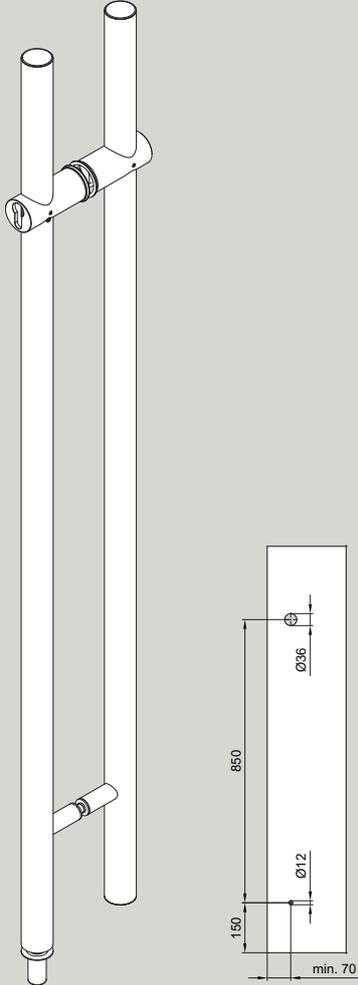
	Product description	Glass thickness	Art. No.
	<p>Pull handles with single-point fixings, countersunk stainless steel</p> <p>Pull handle 350 mm with 2 fixings, material 1.4305 do., AISI 316L 29.268</p> <p>Pull handle 720 mm with 2 fixings, material 1.4305 do., AISI 316L 29.269</p> <p>Pull handle 1240 mm with 3 fixings, material 1.4305 do., AISI 316L 29.271</p> <p>Pull handle 1240 mm with 3 fixings, material 1.4305 do., AISI 316L 29.272</p> <p>Pull handle 1760 mm with 4 fixings, material 1.4305 do., AISI 316L 29.274</p> <p>Pull handle 1760 mm with 4 fixings, material 1.4305 do., AISI 316L 29.275</p> <p>Pull handle 1760 mm with 4 fixings, material 1.4305 do., AISI 316L 29.277</p> <p>Pull handle 1760 mm with 4 fixings, material 1.4305 do., AISI 316L 29.278</p>	8/10/12	
	<p>Pull handles with single-point fixings, clamping disc</p> <p>Pull handle 350 mm with 2 fixings, material 1.4305 do., AISI 316L 21.240</p> <p>Pull handle 720 mm with 2 fixings, material 1.4305 do., AISI 316L 21.241</p> <p>Pull handle 1240 mm with 3 fixings, material 1.4305 do., AISI 316L 21.281</p> <p>Pull handle 1240 mm with 3 fixings, material 1.4305 do., AISI 316L 21.242</p> <p>Pull handle 1760 mm with 4 fixings, material 1.4305 do., AISI 316L 21.243</p> <p>Pull handle 1760 mm with 4 fixings, material 1.4305 do., AISI 316L 21.283</p>	8/10/12	
		<p>TSG</p>  <p>Glass thickness</p> <p>Glass thickness</p> <p>LSG from TSG</p> <p>Glass thickness</p> <p>Glass thickness</p> <p>Countersunk bore on pull handle and door knob, one side fixing</p> <p>Cylindrical bore on pair of pull handles and door knobs, back-to-back</p>	

Spacing adjustment for pull handles and door knobs

	Product description	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</p> <p>13.5 15 17.5 19 21.5</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</p> <p>20 25 30 35 40</p>	<p>21.286</p>
 <p>Set 3 Set 4</p>	<p>Conversion set 3 for glass / timber doors*, pair of pull handles / knob back-to-back, countersunk 15 - 40 mm glass / timber thickness</p>		<p>21.287</p>
	<p>Conversion set 4 for glass / timber doors*, pair of pull handles / knob back-to-back, clamping disc 15 - 40 mm glass / timber thickness</p>		<p>21.288</p>
 <p>Set 5 Set 6</p>	<p>Conversion set 5 for glass doors*, recessed pull grip 13.5 - 21.5 mm glass thickness</p>		<p>21.295</p>
	<p>Conversion set 6 for timber doors*, recessed pull grip 20 - 40 mm timber thickness</p>		<p>21.296</p>
 <p>Set 7 Set 8</p>	<p>Conversion set 7 for glass / timber doors*, for pull handles fixed on both sides to pull handle fixed on one side, countersunk 8 - 40 mm glass / timber thickness 1 set per pull handle fixing</p>		<p>21.297</p>
	<p>Conversion set 8 for glass / timber doors*, for pull handles fixed on both sides to pull handle fixed on one side, clamping disc 8 - 40 mm glass / timber thickness 1 set per pull handle fixing</p>		<p>21.298</p>

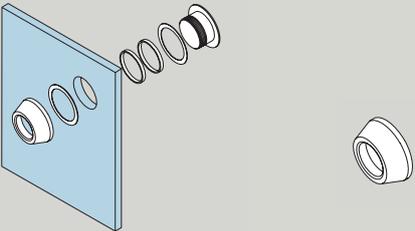
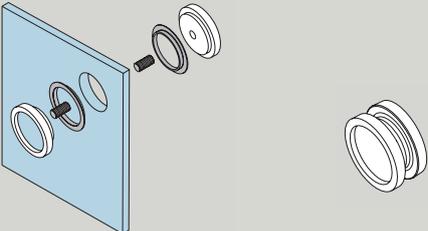
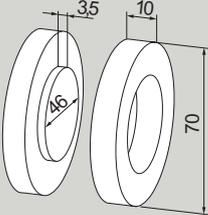
*Not suitable for Arcos pull handles 26.500 / 26.510

Pair of pull handles

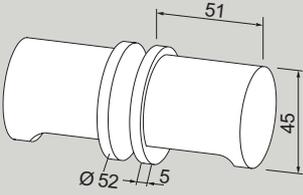
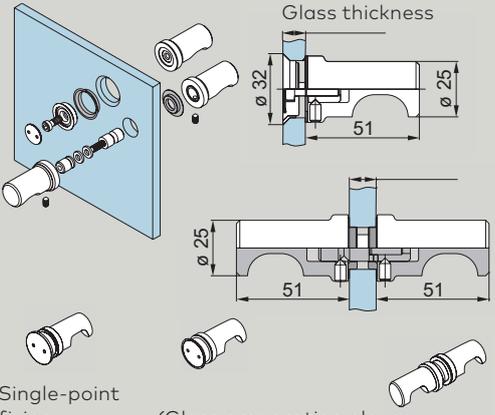
	Product description	Glass thickness	Art. No.
	<p>Pair of stainless steel handlebars, lockable on both sides, prepared for standard PZ, length 1200 mm, incl. floor socket</p>	8 - 17.5	21.580
	<p>Pair of stainless steel handlebars, lockable on one side, prepared for standard PZ, length 1200 mm, incl. floor socket</p>	8 - 17.5	21.581
<p>Further information, e.g. on the required profile cylinder length, can be found in our detail on the sheets 29-115 to 29-116.</p>			

Space for your notes

Recessed pull grips

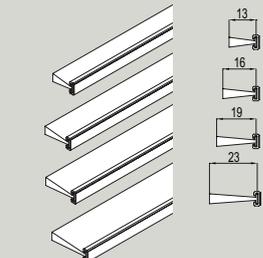
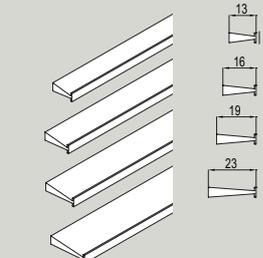
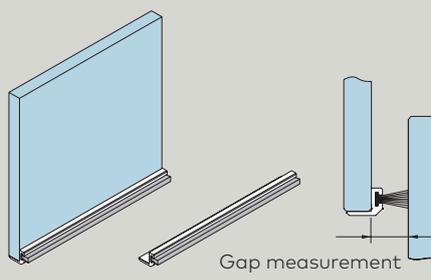
	Product description	Glass thickness	Art. No.
 <p>Ø 38 mm Glass bore</p>	<p>Recessed pull grip Ø 50 mm</p>	8/10/12	21.290
 <p>Ø 50 mm Glass bore</p>	<p>Recessed pull grip Ø 60 mm</p> <p>Recessed pull grip with grip hole Ø 60 mm</p>	8/10/12 8 10 12	21.291 21.292 21.293 21.294
 <p>Ø 50 mm Glass bore</p>	<p>Recessed pull grip Ø 70 mm</p> <p>aluminum to be glued onto the glass Weight in kg: 0.072</p>		07.200

Door knobs

	Product description	Glass thickness	Art. No.
 <p>Ø 20 mm Glass bore</p>	Door knob, Ø 45 mm aluminum Weight in kg: 0.400		07.201
 <p>Single-point fixing clamping disc (Ø 22 mm)</p> <p>(Glass preparation please see under "pull handles single", page 180)</p>	Door knob one side fixing Ø 25 mm Door knob with single-point fixing, countersunk Door knob with single-point fixings, clamping disc	8/10/12	21.422 21.426
	Door knob back-to-back	8/10/12	21.423

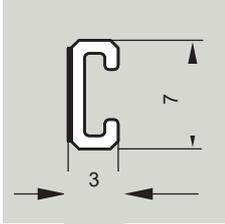
Note: To ensure better load transmission, please use a pull handle in conjunction with the DORMOTION damping unit.

Brush seals

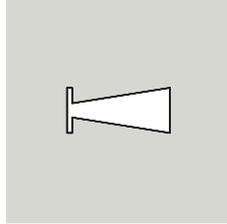
Brush seals for sliding doors	Product description	Art. No.
	MUTO reception profile for vertical brush seals stock length: 4500 mm	36.826
	fixed length up to 4500 mm	36.827
	MUTO reception profile with vertical brush seals fixed length up to 4500 mm	
	for 13-16 mm gap	36.828
	for 16-19 mm gap	36.829
	for 19-23 mm gap	36.830
	for 23-27 mm gap	36.831
	MUTO vertical brush seal fixed length up to 4500 mm	
	for 13-16 mm gap	36.860
	for 16-19 mm gap	36.861
	for 19-23 mm gap	36.862
	for 23-27 mm gap	36.863
	MUTO vertical brush seals	
	for 13-16 mm gap (300 m roll)	36.864 not illustr.
	for 16-19 mm gap (250 m roll)	36.865 not illustr.
	for 19-23 mm gap (250 m roll)	36.866 not illustr.
	for 23-27 mm gap (150 m roll)	36.867 not illustr.
	Aluminum brush profile (fixing on site)	
	similar satin stainless steel	
	for gap size 14-18mm stock length 3000 mm	07.402
	fixed length up to 6000 mm	07.403
	for gap size 10.5-13mm stock length 3000 mm	07.400
	fixed length up to 6000 mm	07.401

Profile overview - seal system

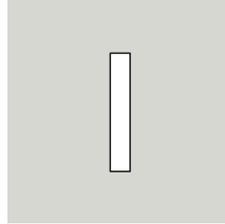
Brush reception profile (self-adhesive)



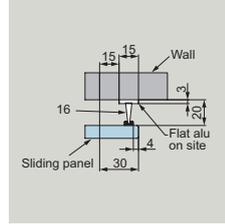
Brush



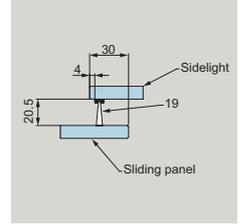
Flat alu section (by others)

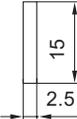


Application example



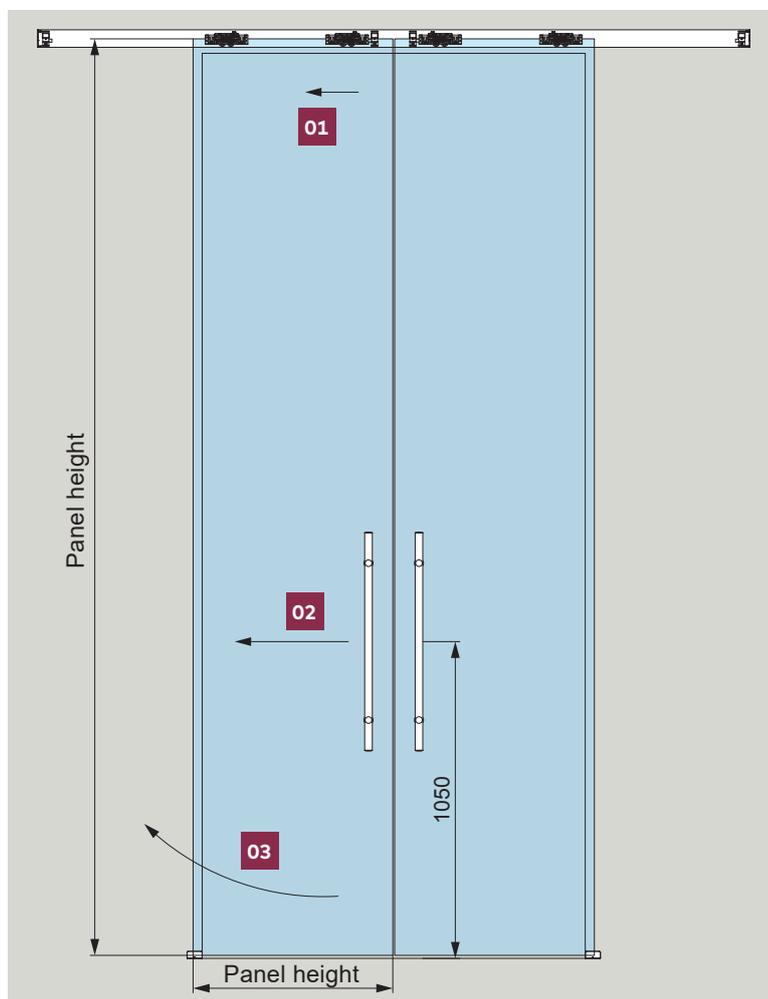
Application example



Application of profiles		+ 				+ 
MUTO Comfort M 60 2.0						
at wall	●	●				
at ceiling	●	●				
at ceiling with side light	●	●				
MUTO Comfort L 80						
at wall	●	●				●
at ceiling	●		●			
at ceiling with side light	●		●			
at glass	●		●			
MUTO Premium XL 80/150 MUTO Premium Self-Closing 120						
at wall	●		●			●
at ceiling	●			●		
at ceiling with side light	●			●		
at glass	●			●		
MUTO Premium Telescopic 80						
at wall						
glass thickness: 8–10 mm	2X	●			●	●
glass thickness: 10–12 mm	2X	●			●	●
glass thickness: 12–13.5 mm	2X	●		●		●
at ceiling with side light						
glass thickness: 8–10 mm	2X		●		●	
glass thickness: 10–12 mm	2X		●		●	
glass thickness: 12–13.5 mm	2X		●	●		
at glass						
glass thickness: 8–10 mm	2X		●		●	
glass thickness: 10–12 mm	2X		●		●	
glass thickness: 12–13.5 mm	2X		●	●		

Tips and tricks

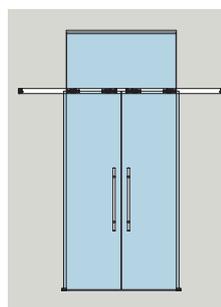
Sliding panel with unfavourable aspect ratio



Excessively high sliding panels in relation to the panel width can lead to unpleasant handling and malfunction due to physical reasons (recommendation of the aspect ratio: between 1:2 and 1:3).

- 01** The door is to be moved by means of a handle.
- 02** Dormotion unit and synchro function brake the panel within the track additionally.
- 03** The door only moves down in the corresponding direction (door rotates)

This problem can be slightly improved by increasing the glass thickness and thus increasing the mass (weight) of the panel.



We recommend in such cases to use the application on glass and to use an overpanel. This reduces the door height and improves the aspect ratio.

Note: The use of clamp fittings on structured glass surfaces (with the exception of satinised glass) or glass with large variations in glass thickness is only permitted with the application of a levelling layer.

Space for your notes

Safety-related information

Important safety-related information for the mounting and use of DORMA-Glas 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. DORMA-Glas recommends the use of TSG-H (heat-stored tempered safety glass) according to DIN EN 12150-1.
2. DORMA-Glas glass fittings are not suitable for outdoor installation.
3. DORMA-Glas glass fittings are not suitable for rooms where chemicals (e.g. chlorine) are used, e.g. swimming pools, saunas and brine baths.



4. Sliding panels must not be moved faster than at walking speed and must be stopped by hand before reaching the end position will be.
5. Pivoting panels must not be thrown too hard. If there is a risk of over-turning, this must be prevented by a door stop.

Mounting

1. Only properly qualified and specially trained staff is authorised to mount DORMA-Glas 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.

For practical planning, please use our drawings DORMA-Glas "The Detail".

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.

Moving Details.



DORMA-Glas GmbH
Max-Planck-Straße 33-45
D - 32107 Bad Salzufen

T +49 5222 924-0

info@dorma-glas.com
www.dorma-glas.com

 DORMA-Glas GmbH
 DORMA-Glas GmbH



WN 05443651532, 04/24, EN
Subject to change without notice