

MANET

Sliding door sets





MANET Sliding door sets

Contents

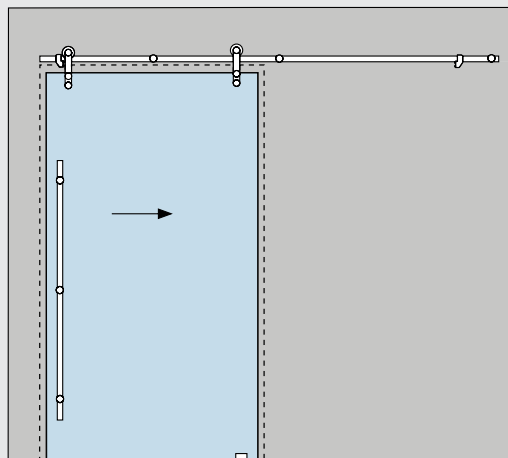
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- 4 Set type 4.1/4.2
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- 10 Accessories
- 22 Safety-related information

All elements up to and 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.

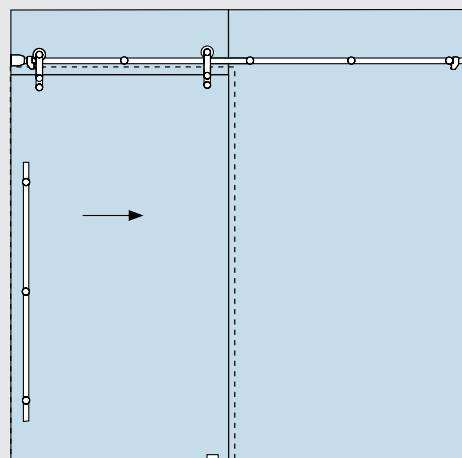
Note: The products detailed in this brochure are exclusively intended for glass assemblies that do not require separate building regulations approval.

MANET Sliding door sets

Set 4.1/4.2



Set 5.1/5.2

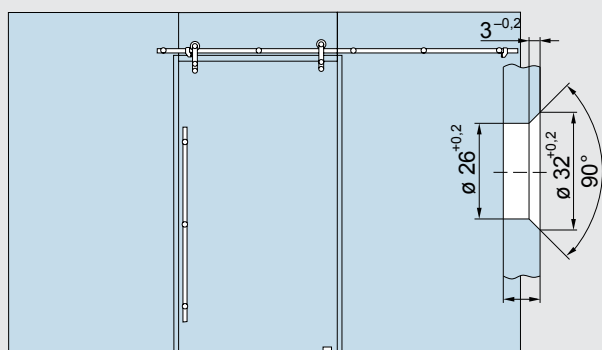


The aesthetic elegance of the MANET Sliding Door concept is also available in the form of standardized sets for simple, fast planning of the more popular system types.

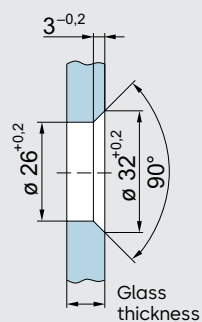
Optional accessories enable the individual sets to be semi-customized.

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 overpanels and sidelights. see dormakaba technical brochure Fittings for Toughened Glass Assemblies)

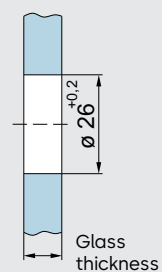
Set 6.1/6.2



Countersunk bore for
countersunk
single-point fixings

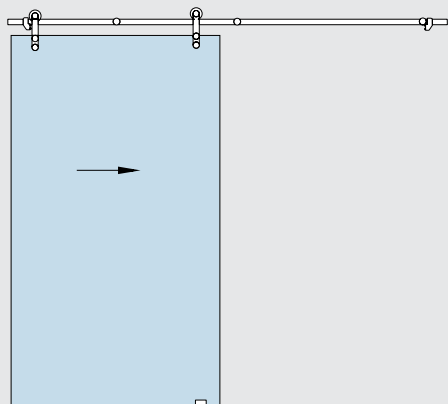


Cylindrical bore for
clamping disc
single-point fixings



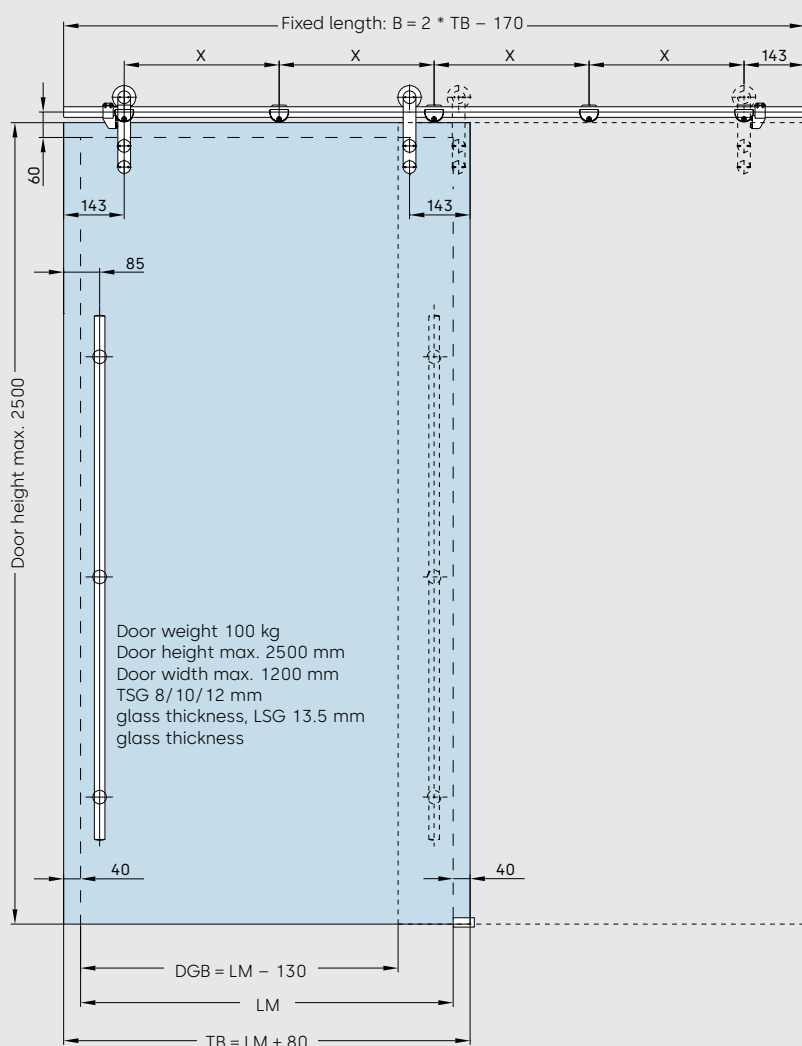
Set 4.1/4.2

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 $(LL - 286) / 4$

Dimensions in mm.

Set 4.1/4.2

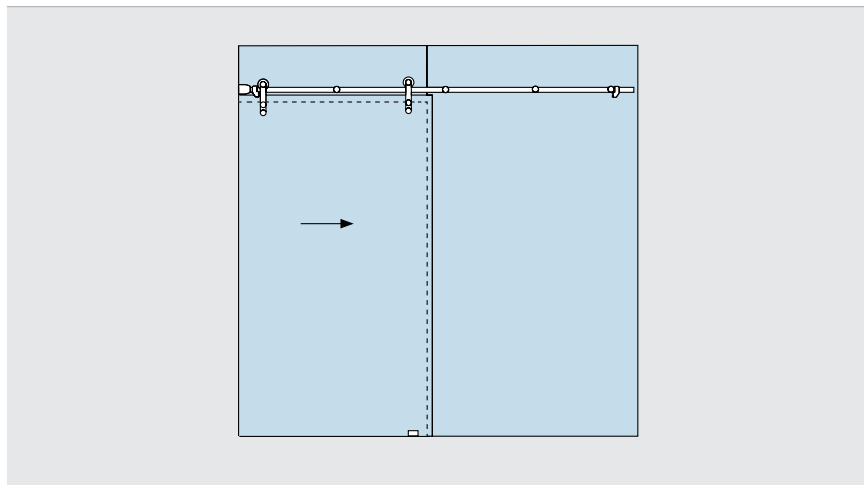
Sliding door MANET for installation at wall, for 8 – 13.5 mm glass

		Set 4.1 with single-point fixings countersunk Part number	Set 4.2 with clamping disc single-point fixings Part number
consisting of:		829.916	829.917
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			
Set as above, but with 16 mm extended clamp fixing		829.925	829.926
Not covered by the set: Tubular track incl. end cups in fixed length*		821.436	821.436
Tubular track, incl. end cups, stock length 3000 mm		821.527	821.527
Accessory options for Set 4.1 / Set 4.2			
Pull handles / Recessed pull grip			
Pull handles	Length 350 mm	829.268	821.240
	Length 720 mm	829.271	821.241
	Length 1240 mm	829.274	821.242
	Length 1760 mm	829.277	821.243
Pair of pull handles	Length 350 mm		821.267
	Length 720 mm		821.270
	Length 1240 mm		821.273
	Length 1760 mm		821.276
Recessed pull grip Ø 60 mm	for 8/10/12 mm glass		821.291
Recessed pull grip with grip hole Ø 60 mm	for 8 mm glass		821.292
	for 10 mm glass		821.293
	for 12 mm glass		821.294
Corner lock			
Corner lock			821.448
Corner lock with rose on one lock side			821.449
Profile cylinder for corner lock 21.448/449			814.206
Eccentric bushing for corner lock 21.448/449			805.194
Further accessories			
Aluminum guide rail with brush seals	stock length 3000 mm		821.432
	stock length 6000 mm		821.430
Assembling tool for MANET single-point fixing			821.134

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

Set 5.1/5.2

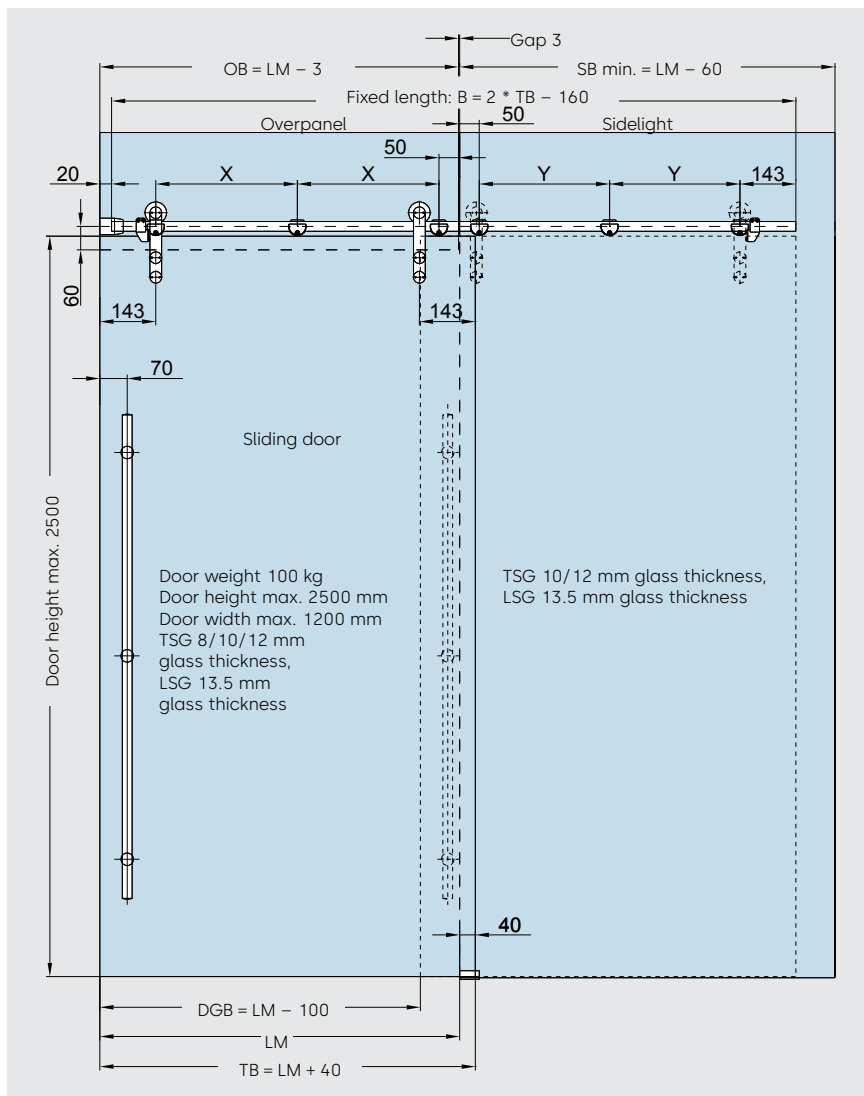
Sliding door MANET for installation at glass, one side attached to masonry



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

Dimensions in mm.

Set 5.1/5.2

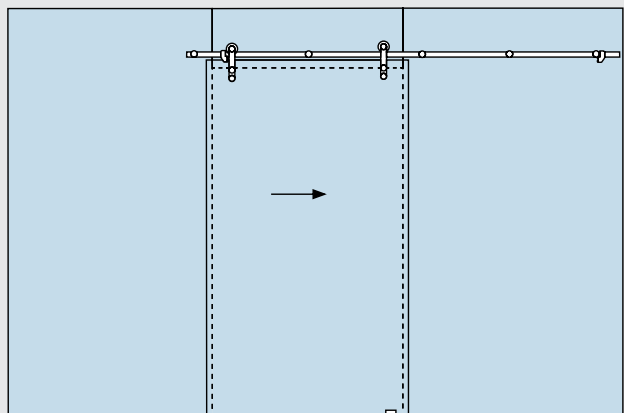
Sliding door MANET for installation at glass, one side attached to masonry

for sliding door 8 – 13.5 mm glass, fixed element 10 – 13.5 mm glass		Set 5.1 with single-point fixings countersunk Part number	Set 5.2 with clamping disc single-point fixings Part number
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		829.918	829.919
Not covered by the set: Tubular track incl. end cups fixed length*			821.436
Tubular track incl. end cups, stock length 3000 mm			821.527
Accessory options for Set 5.1 / Set 5.2			
Pull handles / Recessed pull grip			
Pull handles	Length 350 mm	829.268	821.240
	Length 720 mm	829.271	821.241
	Length 1240 mm	829.274	821.242
	Length 1760 mm	829.277	821.243
Pair of pull handles	Length 350 mm		821.267
	Length 720 mm		821.270
	Length 1240 mm		821.273
	Length 1760 mm		821.276
Recessed pull grip Ø 60 mm	for 8/10/12 mm glass		821.291
Recessed pull grip with grip hole Ø 60 mm	for 8 mm glass		821.292
	for 10 mm glass		821.293
	for 12 mm glass		821.294
Corner lock			
Corner lock			821.448
Corner lock with rose on one lock side			821.449
Profile cylinder for corner lock 21.448/449			814.206
Eccentric bushing for corner lock 21.448/449			805.194
Further accessories			
Aluminum guide rail with brush seals	stock length 3000 mm		821.432
	stock length 6000 mm		821.430
Ceiling connector (bearing function)		829.337	829.338
Assembling tool for MANET single-point fixing			821.134

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

Set 6.1/6.2

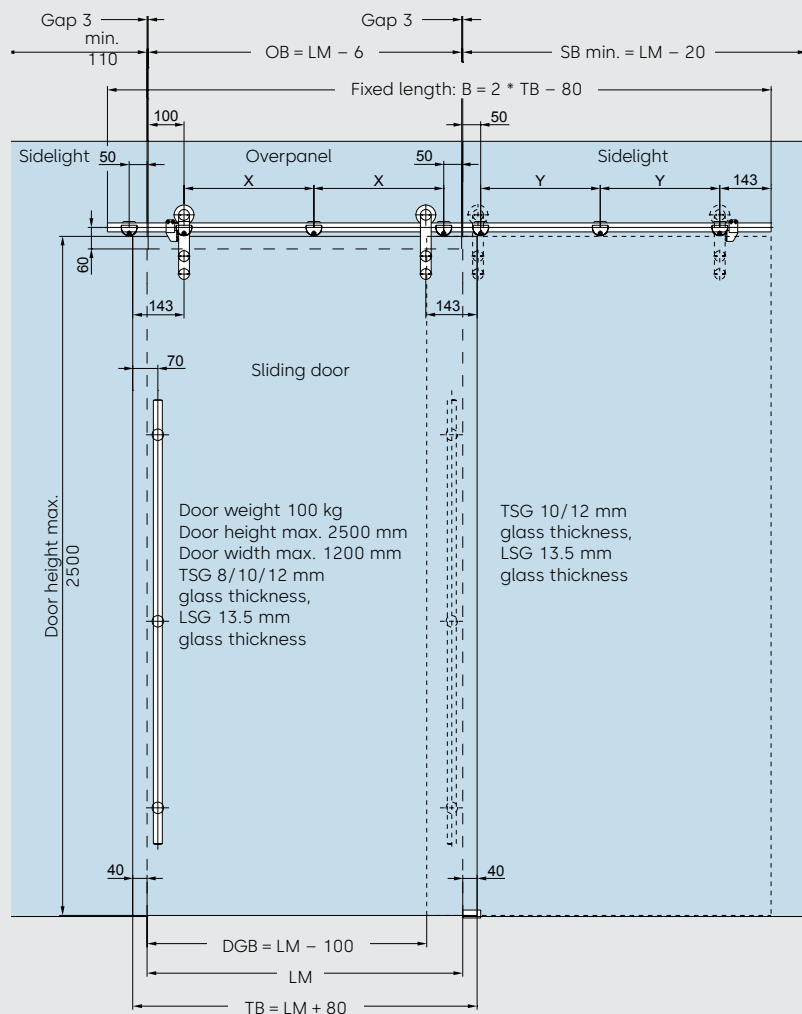
Sliding door MANET for installation at glass, sidelights on both sides



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

Dimensions in mm.

Set 6.1/6.2

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 with single-point fixings countersunk Part number	Set 6.2 with clamping disc single-point fixings Part number
consisting of: 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		829.920	829.921
Not covered by the set: Tubular track incl. end cups fixed length*			821.436
Tubular track incl. end cups, stock length 3000 mm			821.527
Accessory options for Set 6.1 / Set 6.2			
Pull handles / Recessed pull grip			
Pull handles	Length 350 mm Length 720 mm Length 1240 mm Length 1760 mm	829.268 829.271 829.274 829.277	821.240 821.241 821.242 821.243
Pair of pull handles	Length 350 mm Length 720 mm Length 1240 mm Length 1760 mm	821.267 821.270 821.273 821.276	
Recessed pull grip Ø 60 mm	for 8/10/12 mm glass	821.291	
Recessed pull grip with grip hole Ø 60 mm	for 8 mm glass for 10 mm glass for 12 mm glass	821.292 821.293 821.294	
Corner lock			
Corner lock		821.448	
Corner lock with rose on one lock side		821.449	
Profile cylinder for corner lock 21.448/449		814.206	
Eccentric bushing for corner lock 21.448/449		805.194	
Further accessories			
Aluminum guide rail with brush seals	stock length 3000 mm stock length 6000 mm	821.432 821.430	
Ceiling connector (bearing function)		829.337	829.338
Assembling tool for MANET single-point fixing		821.134	

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



MANET Sliding door fittings

Accessories and connection systems

Contents

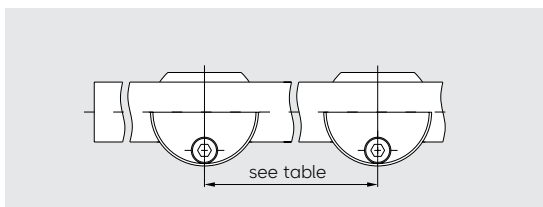
- 11 Tubular track
- 13 Solid track
- 14 Roller carrier
- 16 Accessories sliding door system
- 17 Connection elements
- 18 Accessories connection system
- 19 Glass preparation sliding door system
- 21 Glass preparation connection system
- 22 Safety-related information

All elements up to and 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.

Tubular track and accessories

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



Recommended distance of the track fixing points

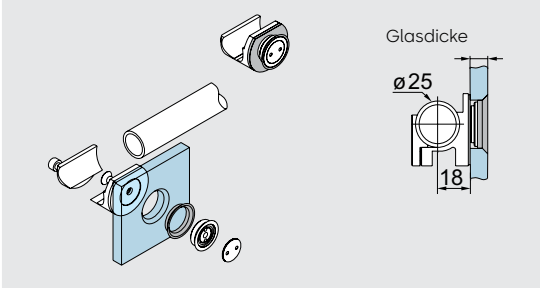
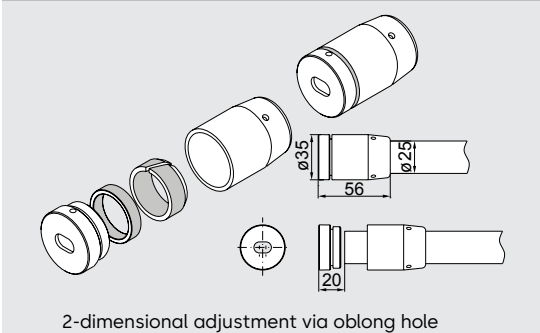
Door height in mm	Door width in mm																	
	700			800			900			1000			1100			1200		
	Glass thickness mm			Glass thickness mm			Glass thickness mm			Glass thickness mm			Glass thickness mm			Glass thickness mm		
	8	10	12	8	10	12	8	10	12	8	10	12	8	10	12	8	10	12
1900	350	350	350	400	400	400	450	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	Part number
	Tubular track incl. end plugs	
	stock length 3000 mm AISI 316L	821.527
	Fixed length up to 6000 mm AISI 316L	821.436

Tubular track fixing at wall	Product description	Part number
	Clamp fixing	
	for tubular track at wall	829.175
	dto, but 16 mm extended	829.178

Tubular track and accessories

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

Tubular track fixing at wall	Product description	Glass thickness	Part number
	Clamp fixing for tubular track at glass		
	single-point fixing countersunk*	10 – 13.5	829.176
	single-point fixing, clamping disc*	10 – 13.5	829.177
 <p>2-dimensional adjustment via oblong hole</p>	Wall fixing for tubular track / solid track		829.445

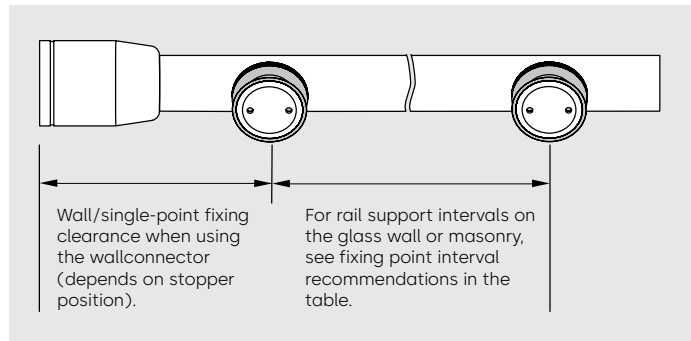
Solid track and accessories

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.

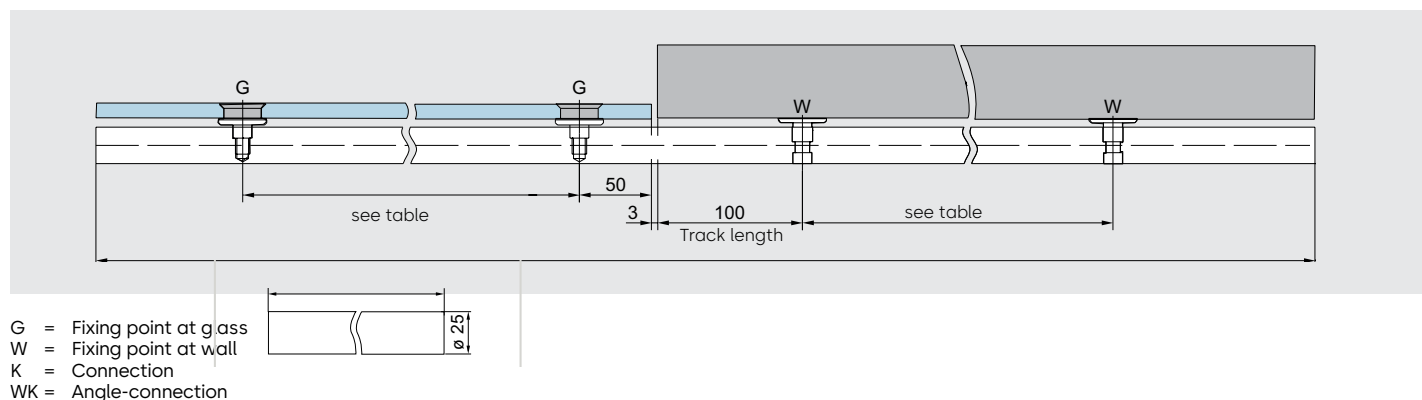
Fixing screws for wall installation by others

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.



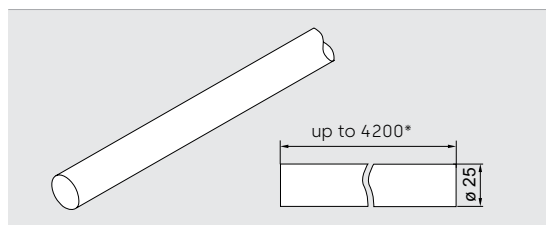
Caution! Ensure that the stops/single-point fixings are positioned at locations appropriate to the width of the door.

Required dimensions for the track production



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



Product description

Solid track

The track rail is prefabricated per customer specifications/drawing with all the necessary drill holes already provided.

Track, drilled

for fixing at glass fixed length up to 4200 mm

for fixing at wall up to 6000 mm

Part number

821.405

821.406

Roller carrier and accessories

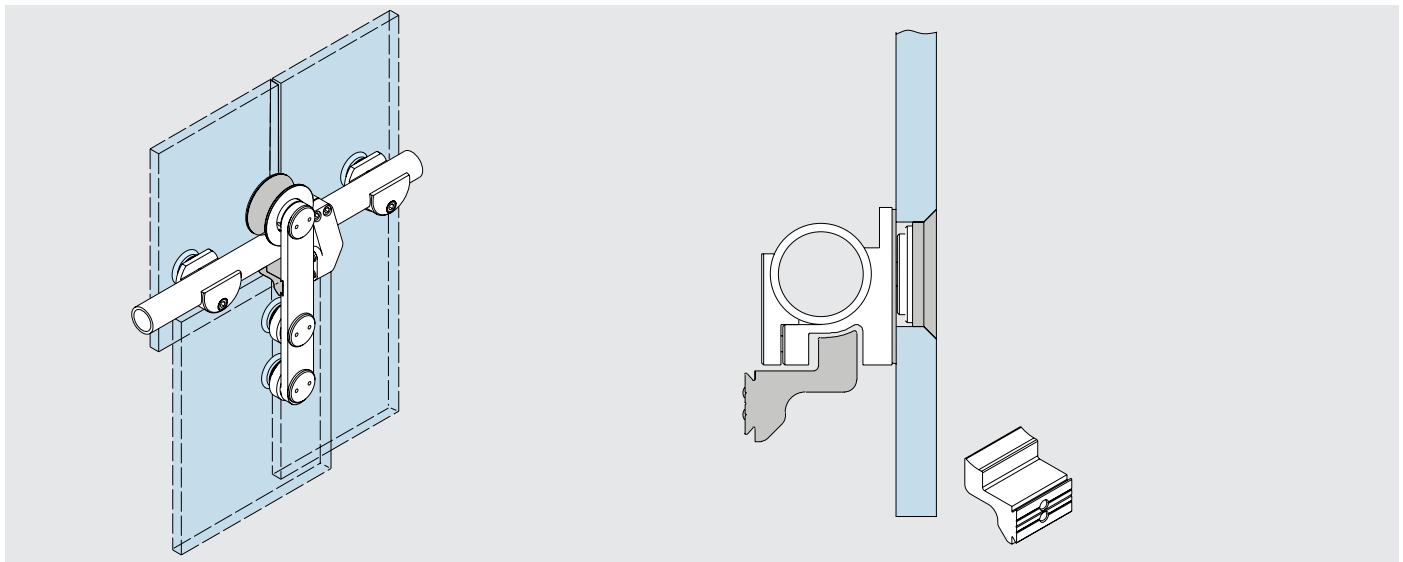
The MANET sliding door system integrates perfectly and elegantly into the room concepts created in this way. Depending on style and taste, you can choose between surface-mounted and glass point fixings (clamping disk or counter-sunk).

In addition to the standard versions incorporated in toughened glass partitions this hardware system can also be used to biparting 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.

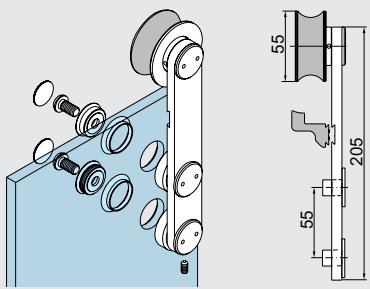
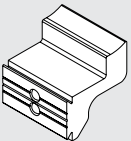
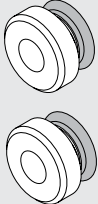
Roller carrier CLASSIC



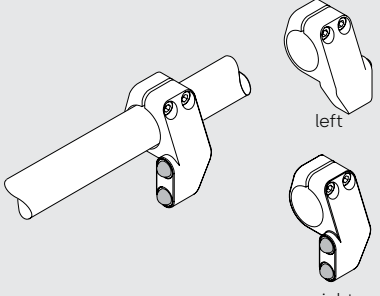
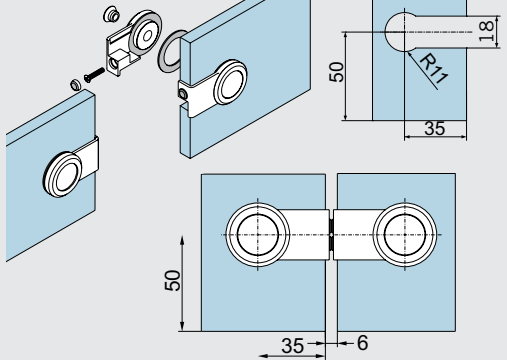
Glass connection with clamp fixing and tubular tracks



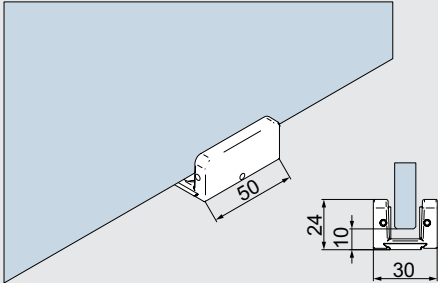
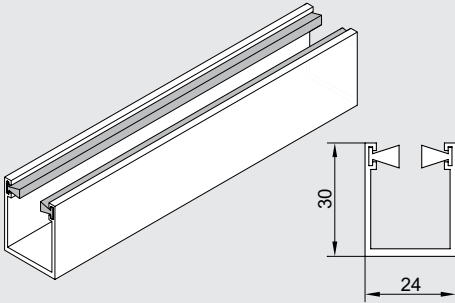
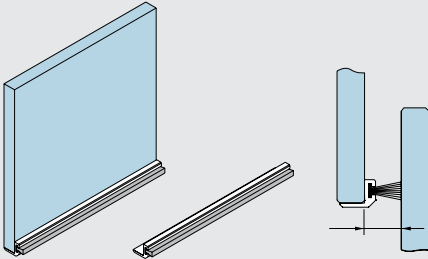
Roller carrier and accessories

	Product description	Glass thickness	Part number
	Roller carrier CLASSIC incl. anti-jump device only lug with roller		829.422
	Lift-out protection PU: 2 pieces (for systems from delivery date 01.2012. Older versions on request.)		829.221
	Single-point fixing for roller carrier, 2 pcs. each countersunk for glass	8 – 13.5 mm	829.430

Door stop

	Product description	DIN	Part number
	Door stop	left right	829.425 829.428
	Spacer for sliding doors that move in opposite directions Please order our detail sheet 29-044-B for details of glass preparations.		829.420

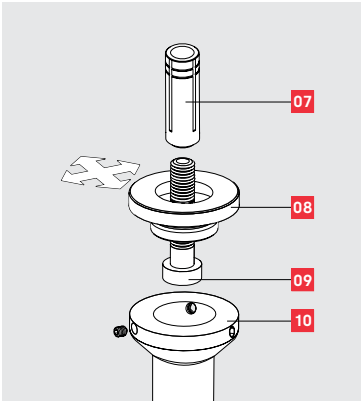
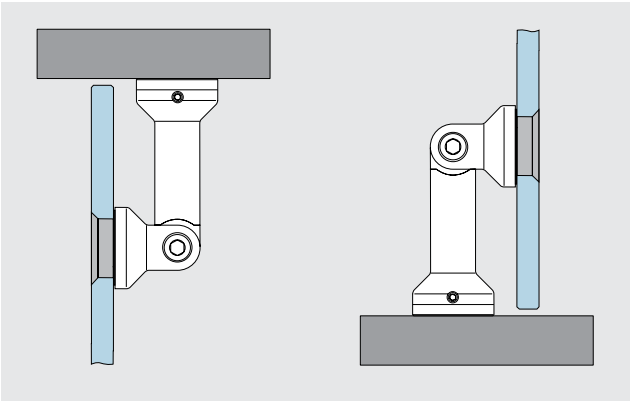
Accessories for sliding door system

	Product description	Glass thickness	Part number
	Floor guide clamping disc, applicable for glass AL anodized, similar stainless steel, satin (157)	8 – 13,5	836.105
	MUTO Premium XL 80/150 Subsurface floor guide track rail with brushes stock length 6000 mm fixed length		836.561 836.562
	Aluminum brush profile similar satin stainless steel for gap size 14 – 18 mm stock length 3000 mm fixed length up to 6000 mm for gap size 10.5 – 13 mm stock length 3000 mm fixed length up to 6000 mm		807.402 807.403 807.400 807.401

X= 15.5 for 8 mm glass
X= 13.5 for 10 mm glass
X= 11.5 for 12 mm glass

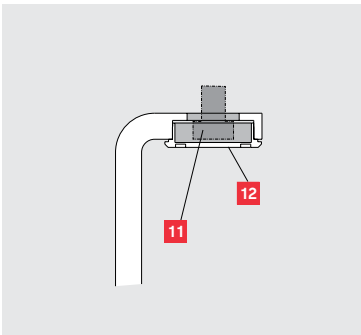
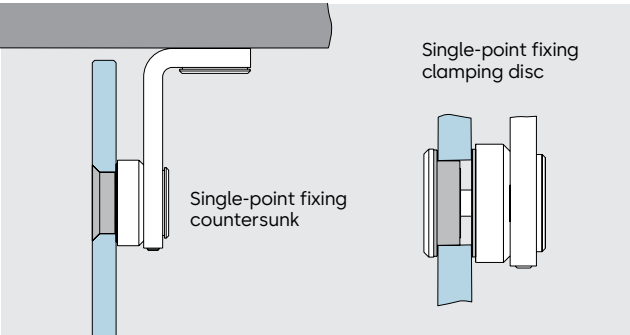
Connection elements

Connection ceiling / floor

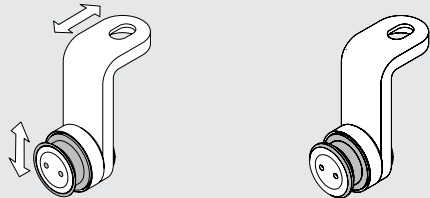
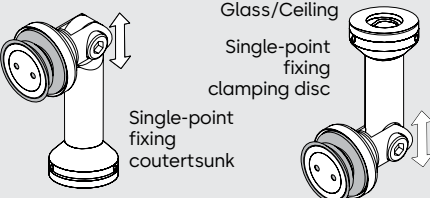


- Components**
- 07 Wallplug on site
 - 08 Mounting plate, 2-dimensional adjustable
 - 09 Threaded rod M8
 - 10 Column

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

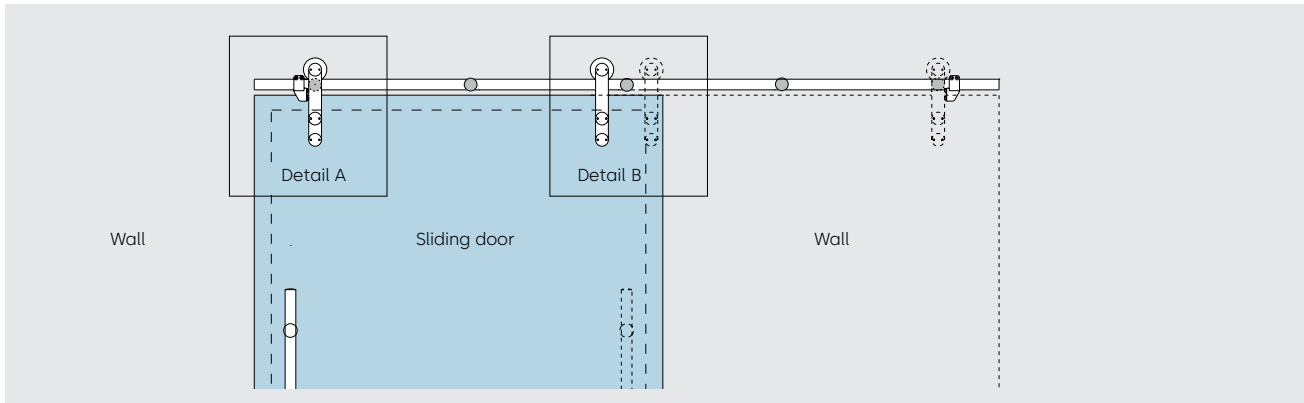
	Product description	Glass thickness	Part number
 <p>Height adjustment by means of grub screw</p>	Complete fitting Angle connection 90 (supporting function only)	8 – 13.5	829.145
 <p>Glass/Ceiling Single-point fixing clamping disc Single-point fixing countersunk Glass/Floor</p>	Complete fitting ceiling connection	8 – 13.5	
	countersunk AISI 316L		829.337
	clamping disc AISI 316L		829.338

Connection elements

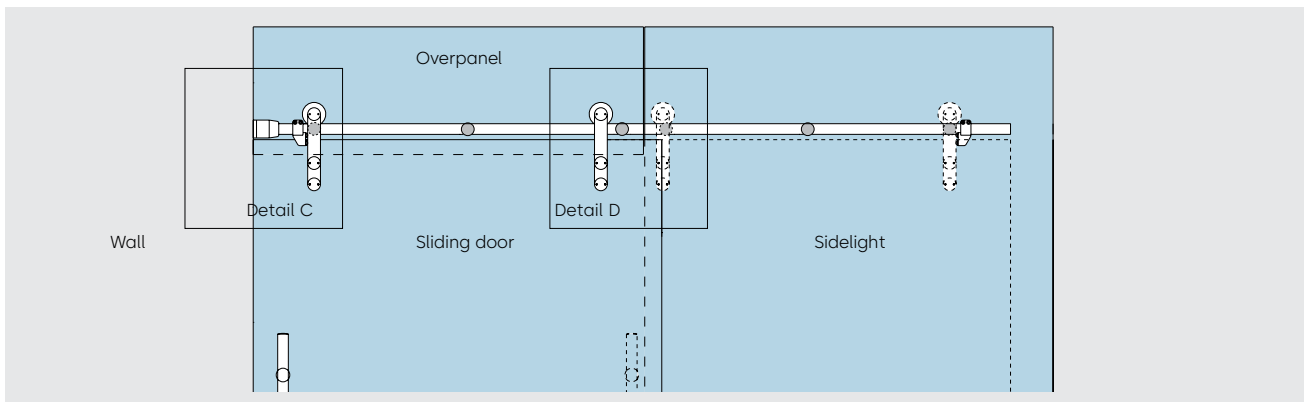
	Product description	Glass thickness	Part number
	Corner lock with profile cylinder rose on the inside for glass Profile cylinder for corner lock	8 – 13,5	821.449 814.206
	Eccentric bushing for corner lock		805.194
	Strike plate		805.190
	Assembling tool for MANET single-point fixing		821.134
	Clip-on cover for single-point fixing with spring, 5 pieces material 1.4305 do.material 1.4404		829.217 829.219

Glass preparation for sliding door system

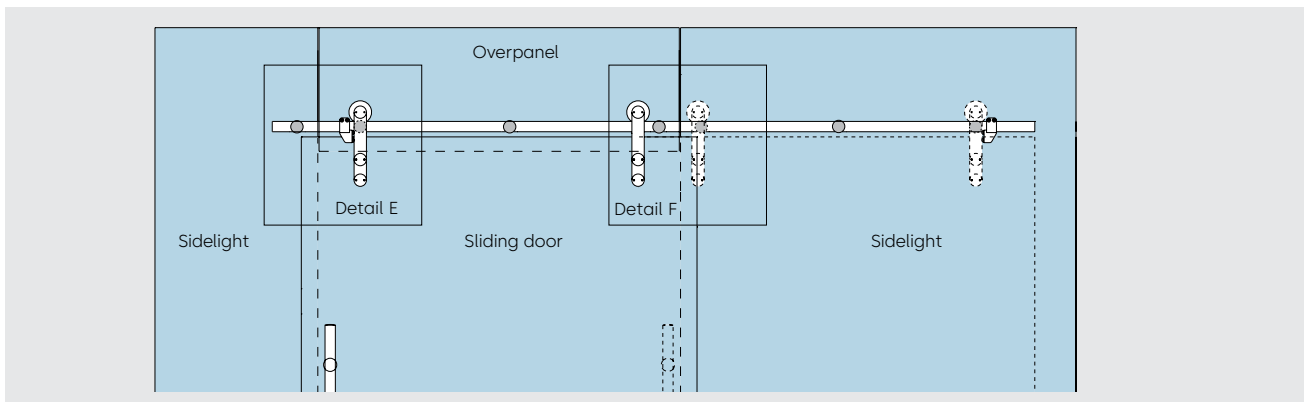
Sliding door to wall



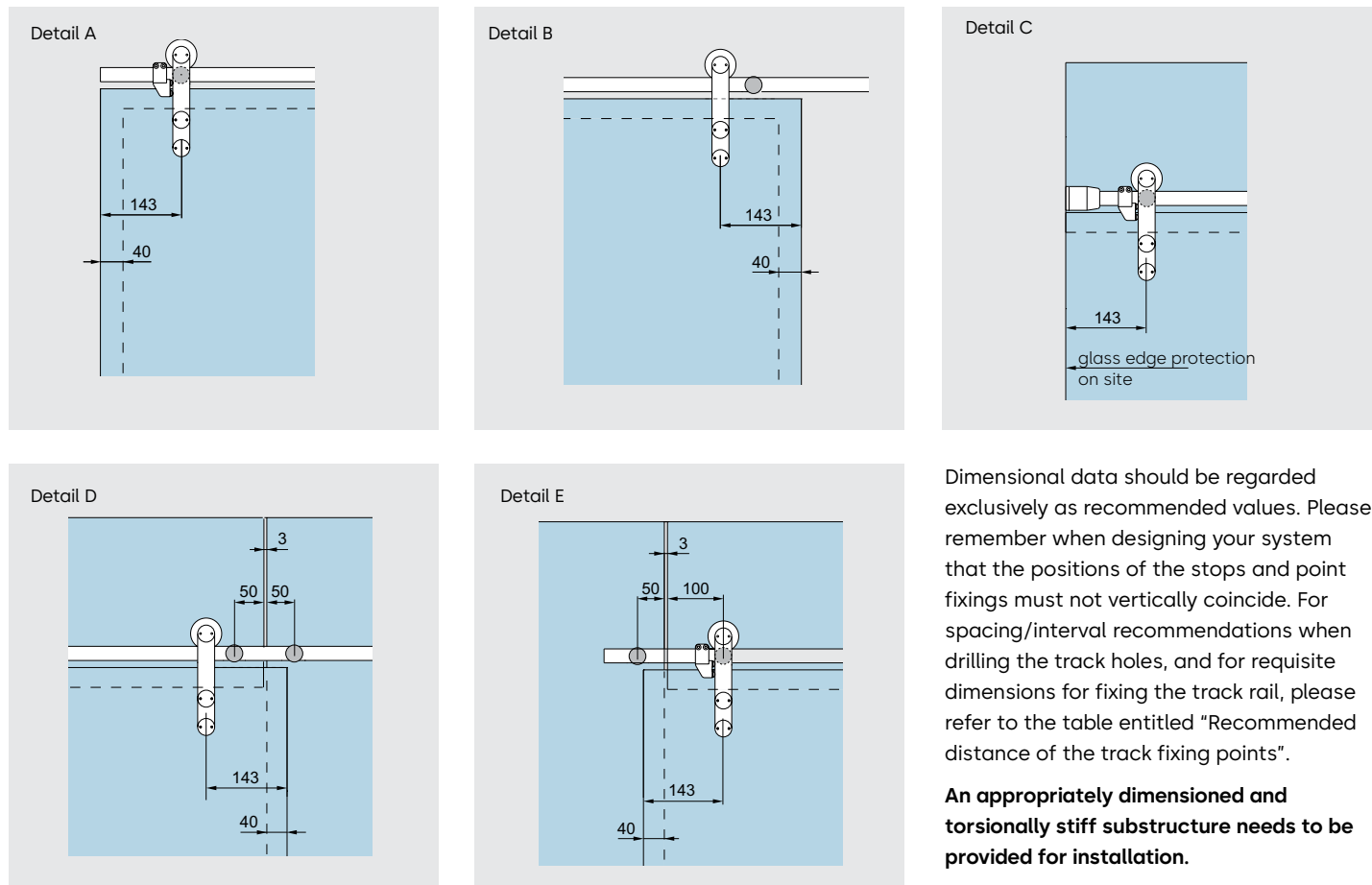
Sliding door with sidelight and overpanel



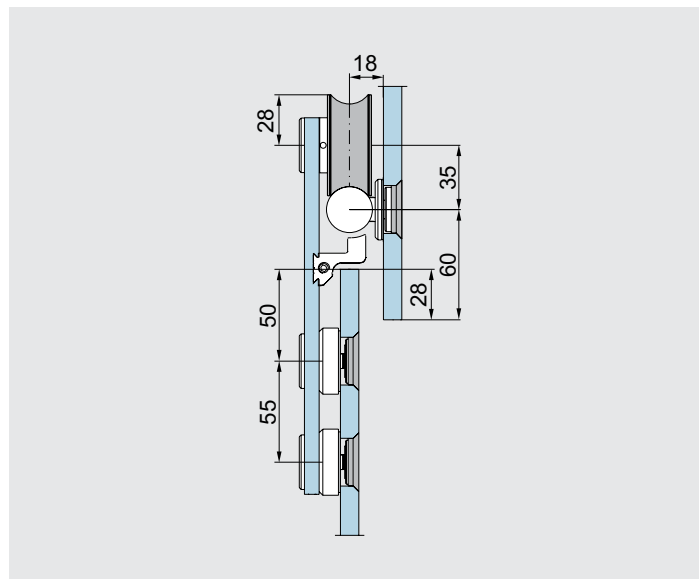
Sliding door with two sidelights and overpanel



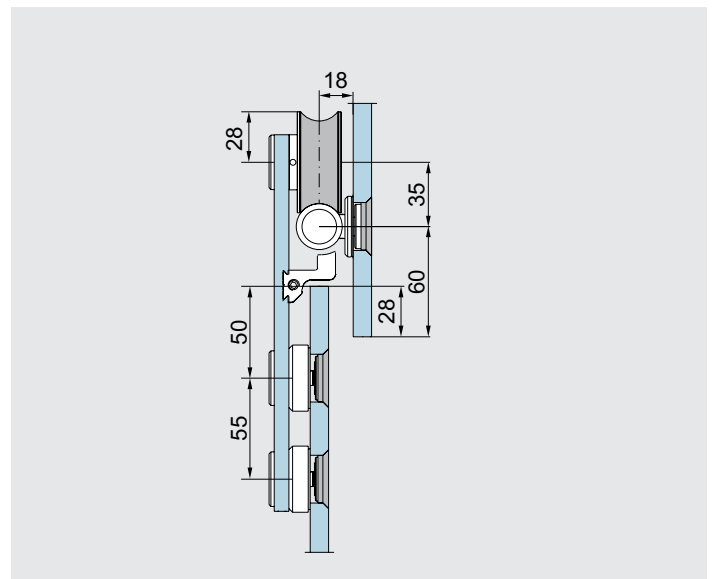
Glass preparation for sliding door system



Sliding door with solid track



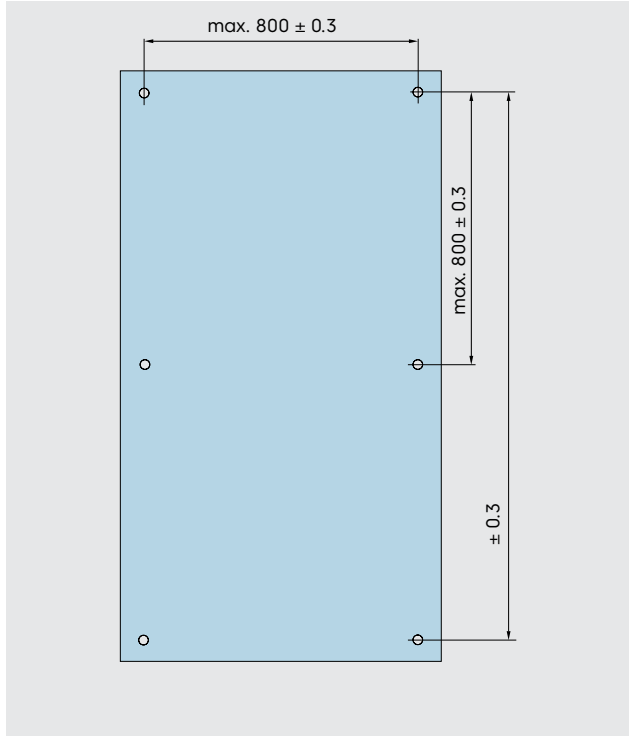
Sliding door with tubular track and clamp fixing



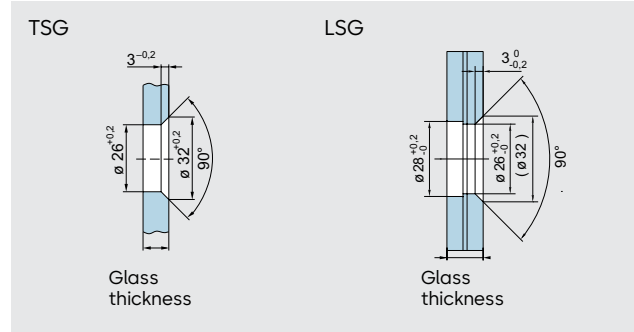
Glass preparation connection system

For TSG and LSG from TSG.

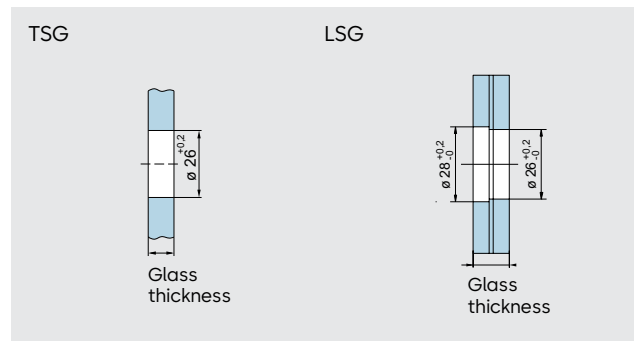
Recommended centers for fixed glazing element



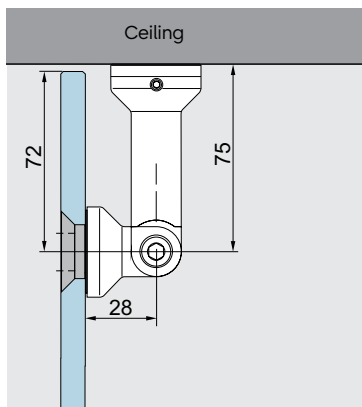
Countersunk bore for countersunk single-point fixings



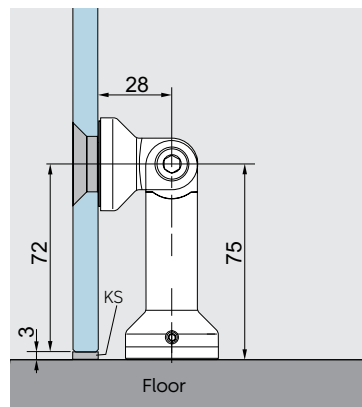
Cylindrical bore for clamping disc single-point fixings



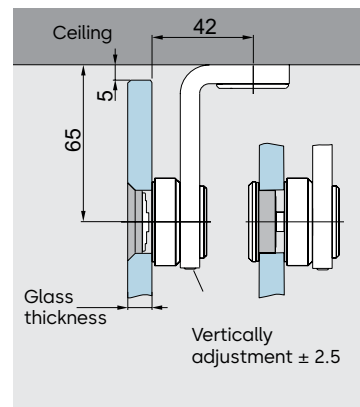
Corner connector glass / ceiling



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.

Safety-related information

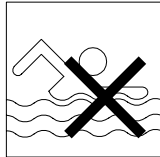
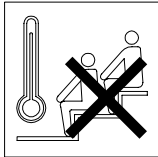
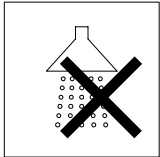
Important safety-related information for the mounting and use of dormakaba glass fittings.

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

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

General information

1. dormakaba recommends the use of TSG-H (heat-stored tempered safety glass) according to DIN EN 12150-1.
2. dormakaba glass fittings are not suitable for outdoor installation.
3. dormakaba 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.
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 authorized to mount Dormakaba glass fittings.
2. Never use glass with conchoidal fractures and/or damaged edges.
3. Due to crushing hazards – among others in the area of the secondary closing edge – and possible injury caused by breakage of glass during mounting, corresponding protective clothing (especially gloves and protective goggles) is required.
4. Clean clamping area with fat solvent (standard commercial cleaning agent) before mounting the glass fitting.

5. Never use clamping shoes on structured glass surfaces (except on satin 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 (specialized 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 (anodized 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 dormakaba "The Detail".

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

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

Subject to change without notice.

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