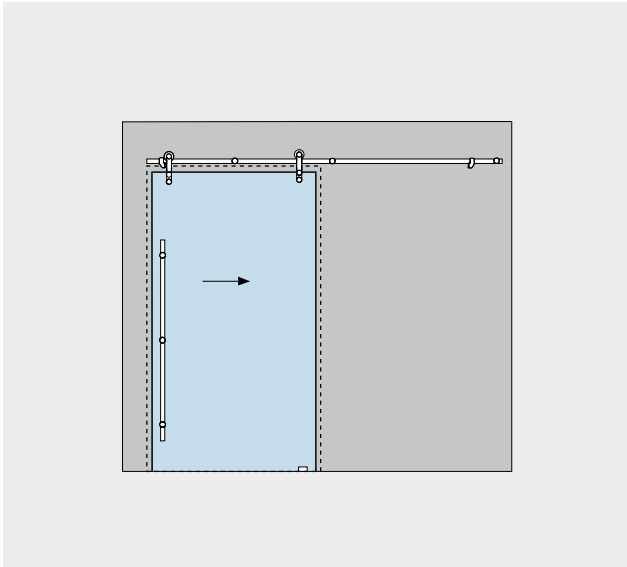




MANET Compact Sets

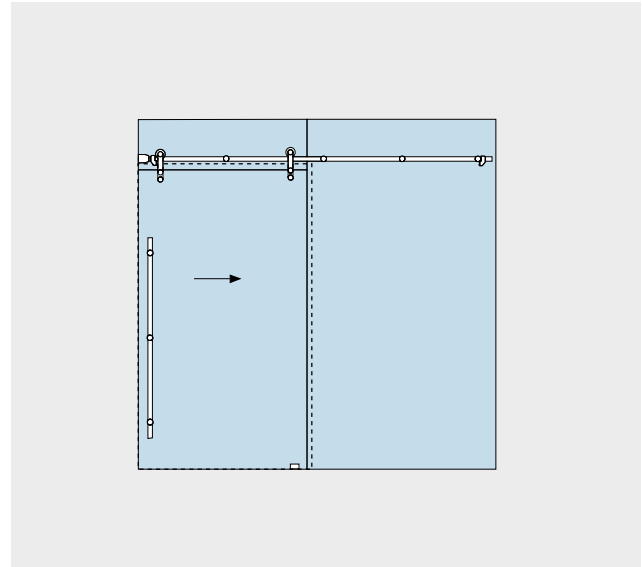
MANET Compact Sets



Set 4.1/4.2

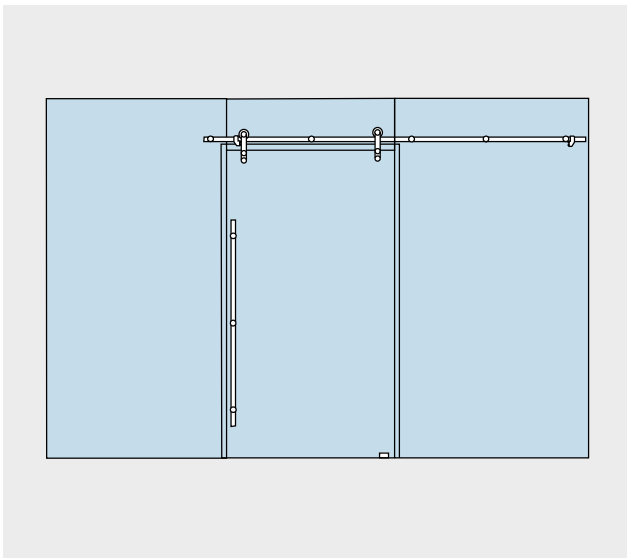
The aesthetic elegance of the MANET Compact concept is also available in the form of standardized sets for simple, fast planning of the more popular system types.

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

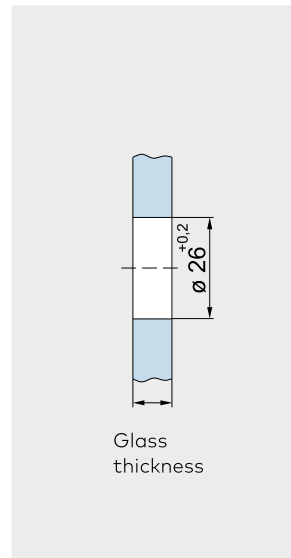


Set 5.1/5.2

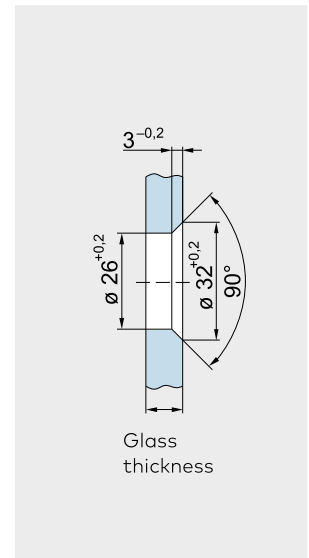
The system components offer numerous adjustment possibilities in order to ensure problem-free installation of whichever door type – sliding or swing, single action or double action – is required. Wall abutment profiles may need to be provided (by others) for fixing over-panels and sidelights. see dormakaba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



Set 6.1/6.2



Cylindrical bore for clamping disc single-point fixings

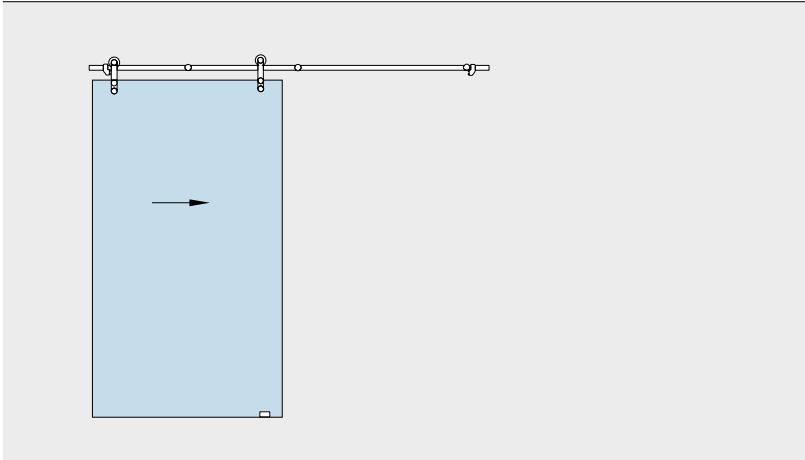


Countersunk bore for countersunk disc single-point fixings



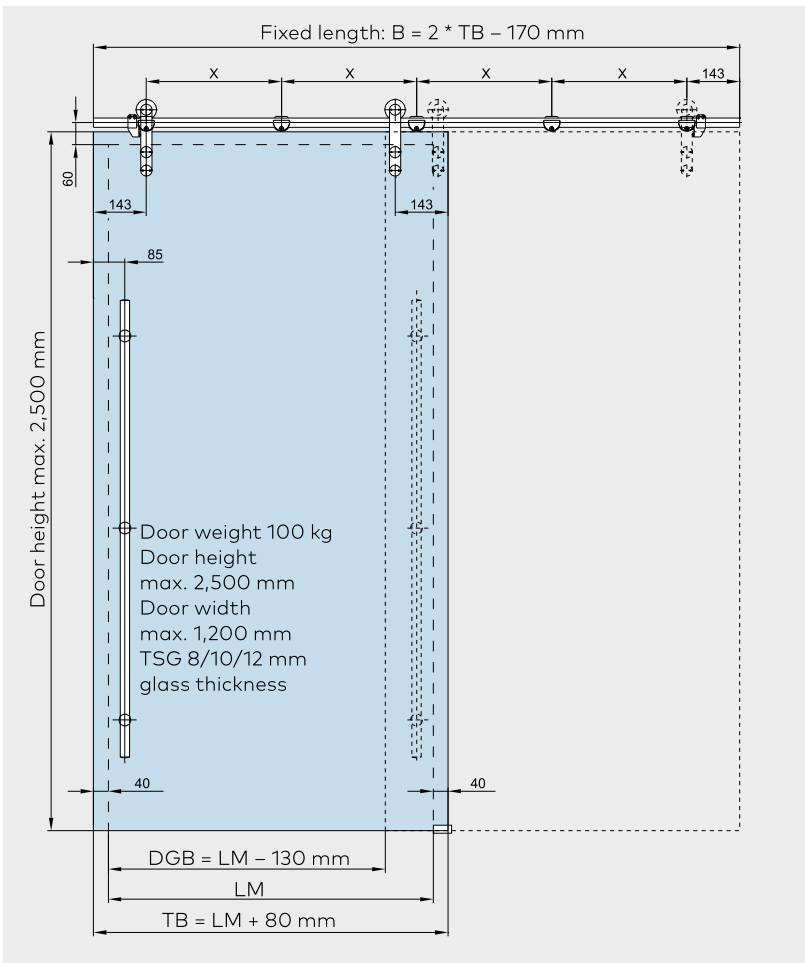
Set 4.1/4.2

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

Set 4.1/Set 4.2	Set 4.1 with single-point fixings countersunk Art. No.	Set 4.2 with clamping disc single-point fixings Art. No.
consisting of: 5 Clamp fixings for track / wall 2 Roller carriers CLASSIC incl. single-point fixings for 8 – 12 mm glass 1 Door stop left hand 1 Door stop right hand 1 Floor guide AGILE Installation tools	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 3,000 mm	21.527	21.527

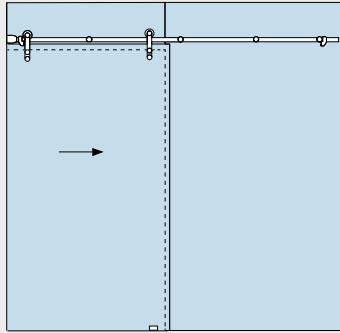
Accessory options for Set 4.1/Set 4.2

Pull handles / Recessed pull grip		
Pull handles	Length 350 mm	29.268
	Length 720 mm	29.271
	Length 1,240 mm	29.274
	Length 1,760 mm	29.277
Pair of pull handles	Length 350 mm	21.267
	Length 720 mm	21.270
	Length 1,240 mm	21.273
	Length 1,760 mm	21.276
Recessed pull grip Ø 60 mm	for 8/10/12 mm glass	21.291
Recessed pull grip with grip hole Ø 60 mm	for 8 mm glass	21.292
	for 10 mm glass	21.293
	for 12 mm glass	21.294
Corner lock		
Corner lock		21.448
Corner lock with rose on one lock side		29.449
Profile cylinder for corner lock 21.448/449		14.206
Eccentric bushing for corner lock 21.448/449		05.194
Further accessories		
Aluminum guide rail with brush seals	stock length 3,000 mm	21.432
	stock length 6,000 mm	21.430
Assembling tool for MANET single-point fixing		21.134

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

Set 5.1/5.2

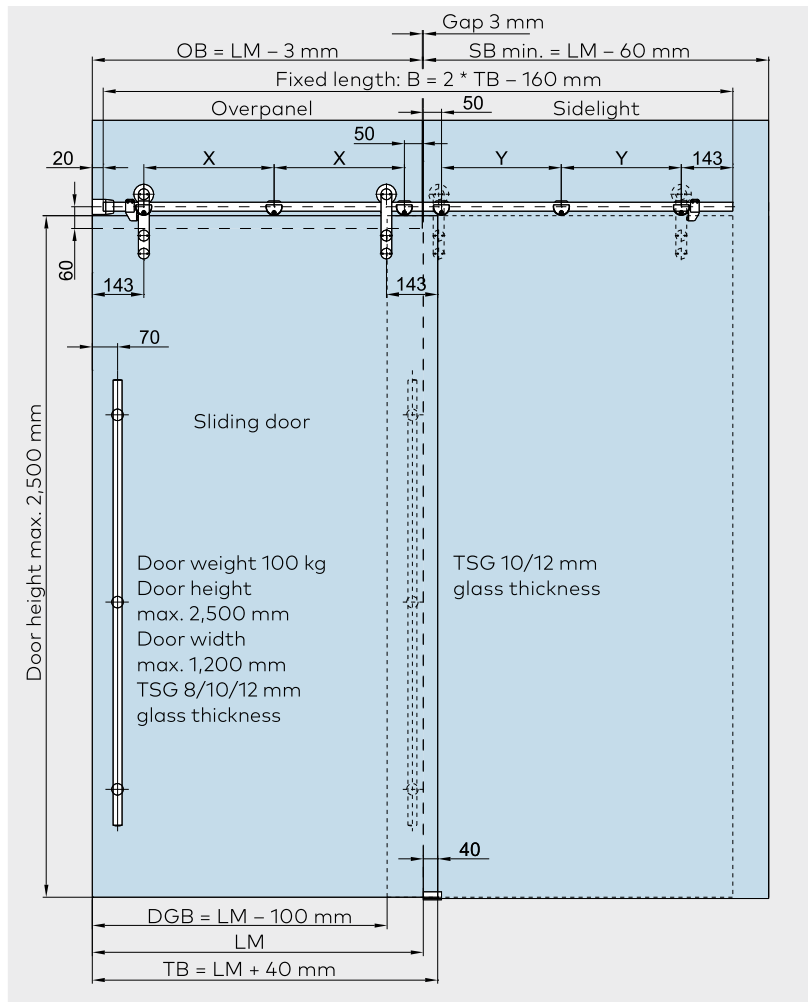
Sliding door MANET COMPACT for installation at glass, one side attached to masonry



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

Set 5.1
with countersunk single-point fixings

Set 5.2
with clamping disc single-point fixings



LM = Daylight opening
TB = Door width
DGB = Entry width
SBmin. = Min. sidelight width
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 COMPACT for installation at glass, one side attached to masonry

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

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

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

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

Corner lock

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

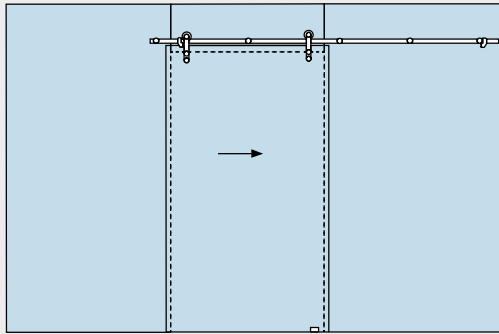
Further accessories

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

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

Set 6.1/6.2

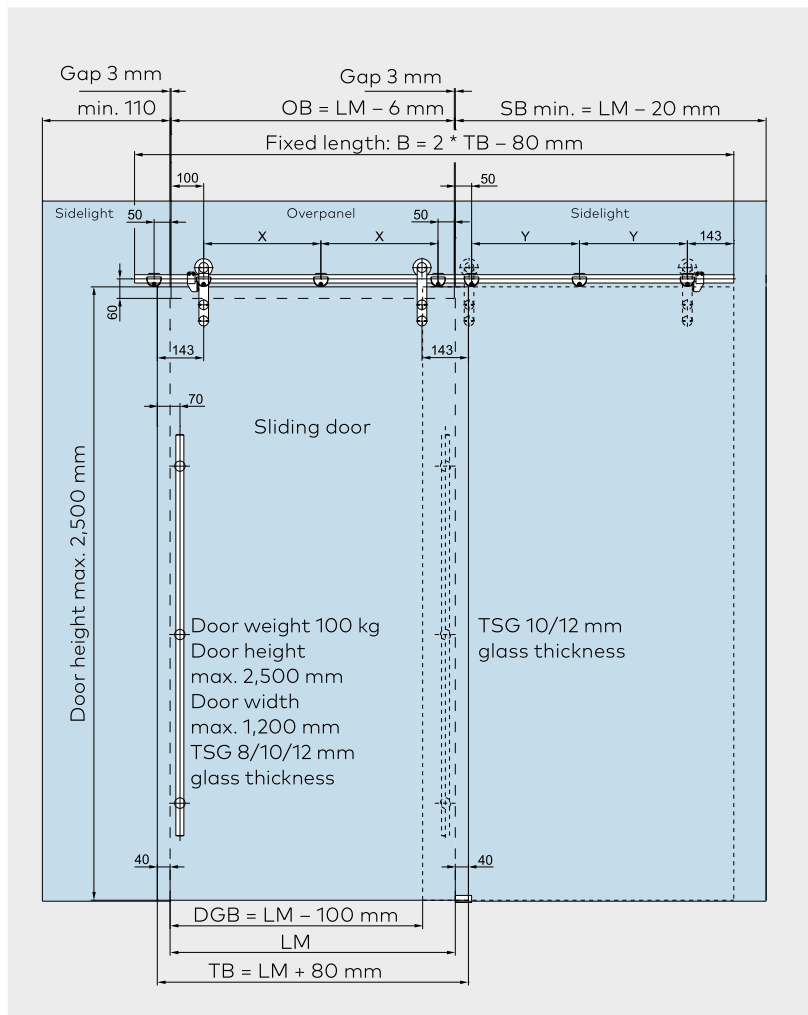
Sliding door MANET COMPACT for installation at glass, sidelights on both sides



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

Set 6.1
with countersunk single-point fixings

Set 6.2
with clamping disc single-point fixings



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

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

- 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 COMPACT for installation at glass, sidelight on both sides

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

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

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

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

Corner lock

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

Further accessories

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

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

Content

MANET Concept Sliding door system

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136	Track rail
144	Accessories
146	Glass preparation
144/174	Accessories
187	Safety-related information

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

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

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

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



MANET Concept Sliding door system

Sliding door system

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

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

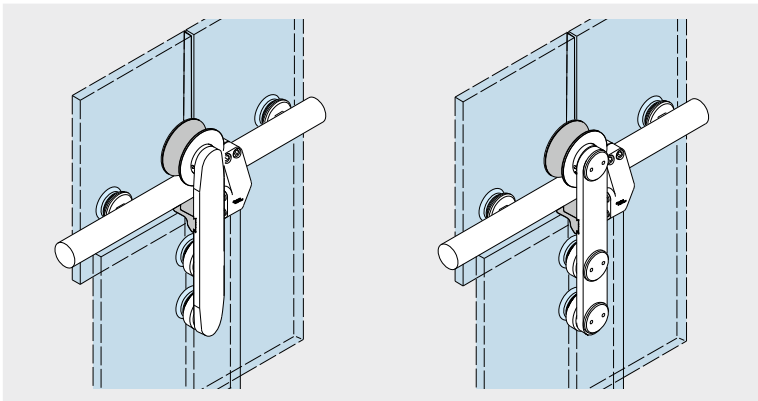


Roller carrier TREND



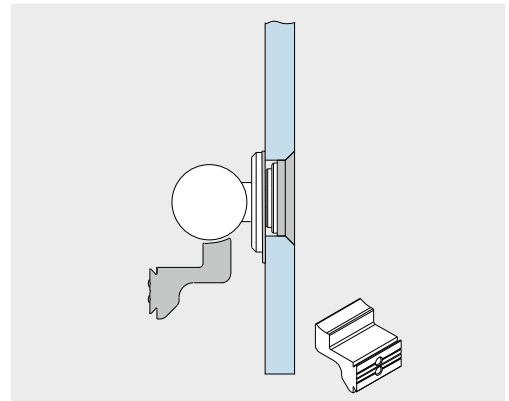
Roller carrier CLASSIC

Glass connection with drilled solid tracks



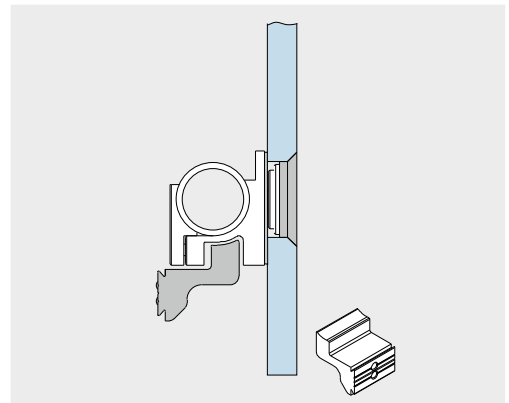
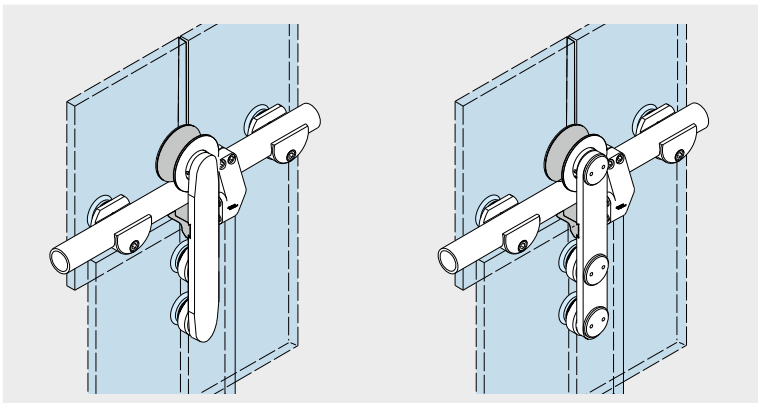
Roller carrier TREND

Roller carrier CLASSIC

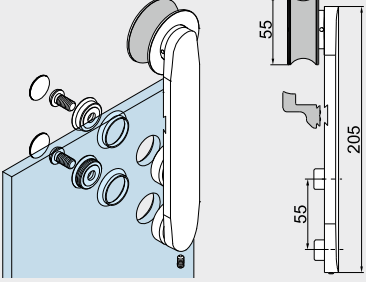
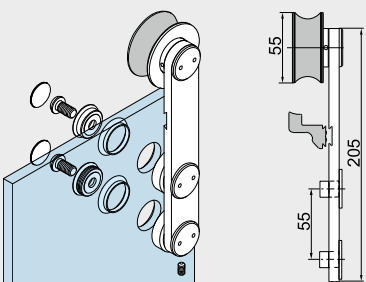
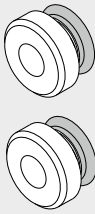
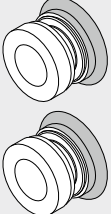


Towards securing the panel an accordant anti-jump device for solid and tubular tracks will be used.

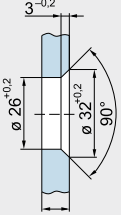
Glass connection with clamp fixing and tubular tracks



Roller carrier

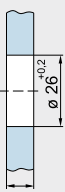
	Product description	Glass thickness	Art. No.
	<p>Roller carrier TREND incl. anti-jump device</p> <p>only lug with roller</p>		<p>29.424</p>
	<p>Roller carrier CLASSIC incl. anti-jump device</p> <p>only lug with roller AISI 316L</p>		<p>29.422 29.423</p>
	<p>Single-point fixing for roller carrier, 2 pcs.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

TSG



Glass thickness

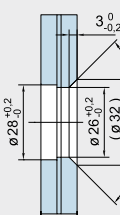
Countersunk bore for counter-sunk single-point fixings



Glass thickness

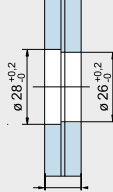
Cylindrical bore for clamping disc single-point fixings

LSG



Glass thickness

Countersunk bore for counter-sunk single-point fixings



Glass thickness

Cylindrical bore for clamping disc single-point fixings

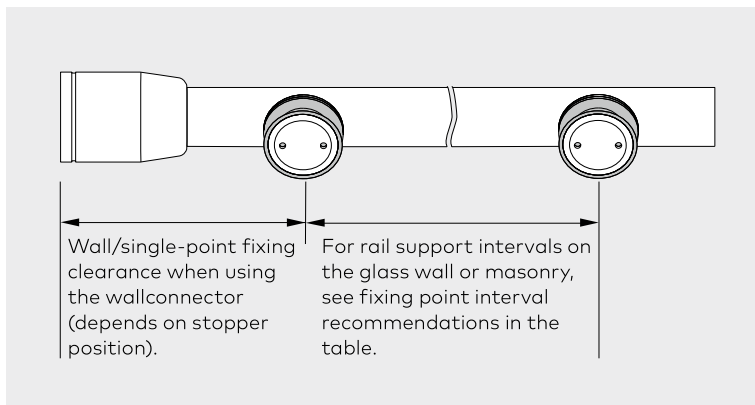
Solid track and accessories

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.

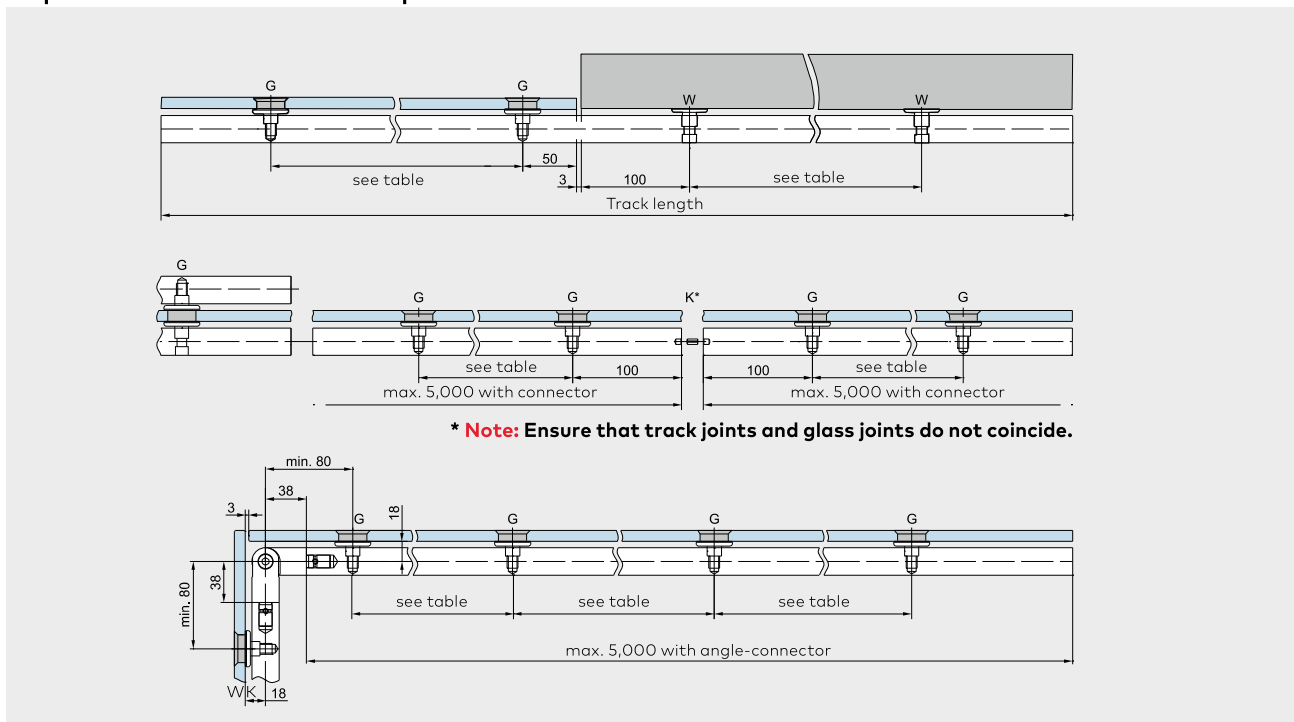
Fixing screws for wall installation by others

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

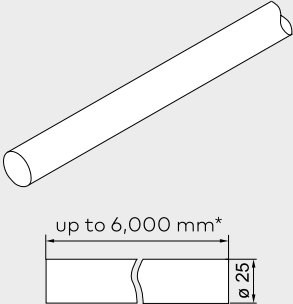
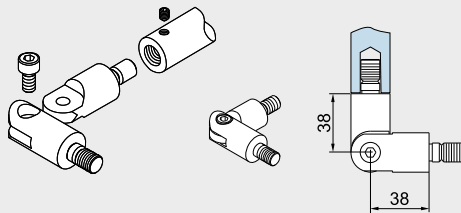
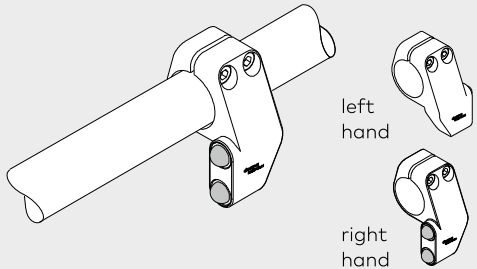
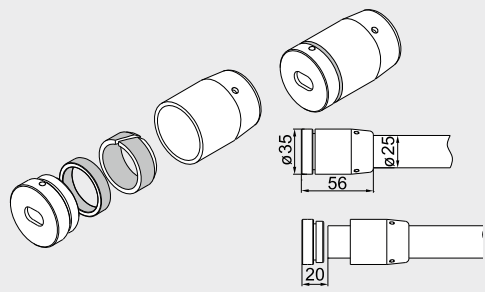



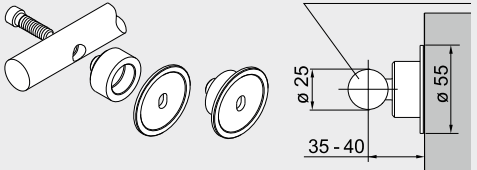
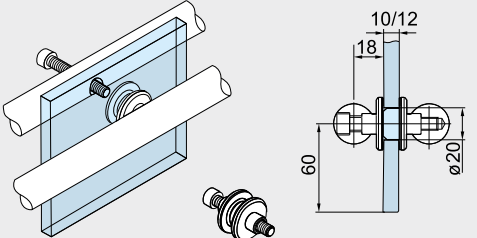
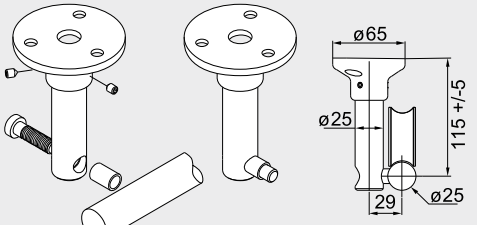
G = Fixing point at glass
W = Fixing point at wall

K = Connection
WK = Angle-connection

Recommended distance of the track fixing points

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

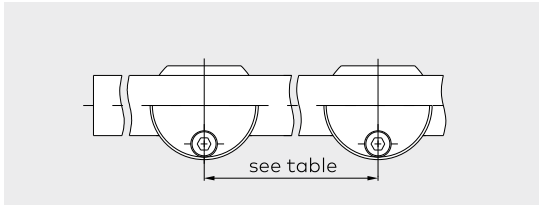
	Product description	Art. No.
 <p>*max. single length 5,000 mm by coupling</p>	<p>Solid track The track rail is prefabricated per customer specifications/ drawing with all the necessary drill holes already provided.</p> <p>Track, drilled for fixing at glass fixed length up to 6,000 mm</p> <p>AISI 316L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

Solid track fixing at wall	Product description	Art. No.
	<p>Flange for fixing the track at wall AISI 316L</p>	<p>21.346 21.347</p>
Solid track fixing at wall, adjustable	Product description	Art. No.
 <p data-bbox="159 1097 558 1120">2-dimensional adjustment via oblong hole</p>	<p>Flange for fixing the track at wall, adjustable Adjustment + 5 mm Note: min. distance glass to wall 32 mm</p>	<p>21.412</p>
Fixing a double track	Product description	Art. No.
	<p>Fixing for double track</p>	<p>21.170</p>
Solid track fixing at ceiling	Product description	Art. No.
	<p>Ceiling retainer for track carrying function</p>	<p>21.315</p>

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

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

Tubular tracks and accessories



Recommended distance of the track fixing points

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

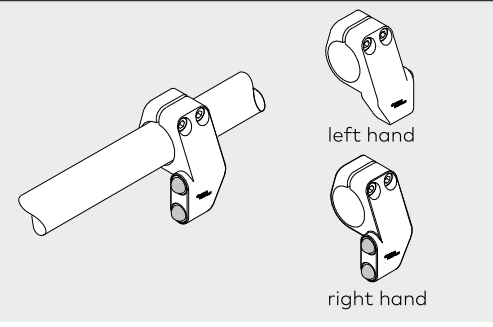
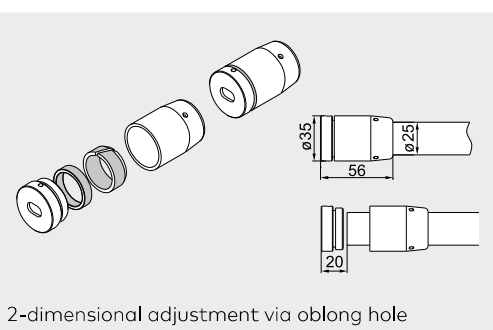
	Product description	Art. No.
	Tubular track incl. end plugs stock length 3,000 mm AISI 316L Fixed length up to 6,000 mm AISI 316L	21.527 21.530 21.436 21.532
	Tubular track bent, incl. end plugs max. curve length 2,600 mm max. curve length 5,600 mm	21.409 21.413
	Angled connection for tubular track,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

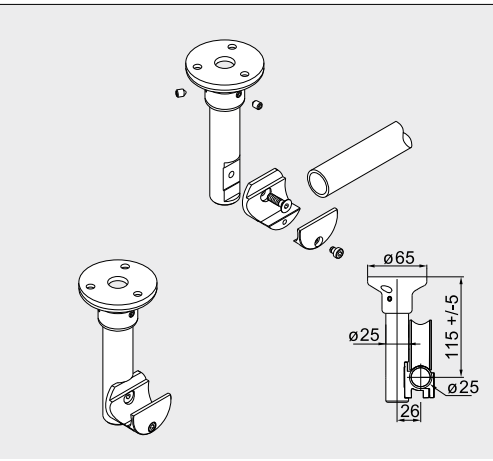
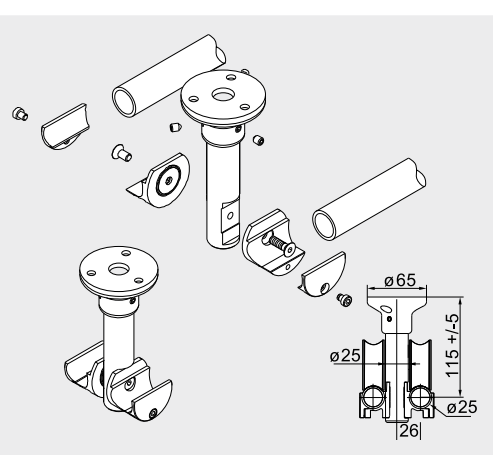
Tubular track fixing at glass	Product description	Art. No.
	<p>Clamp fixing for tubular track at glass</p> <p>single-point fixing countersunk* AISI 316L</p> <p>single-point fixing, clamping disc* AISI 316L</p> <p>16 mm extended single-point fixing countersunk* single-point fixing, clamping disc*</p>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

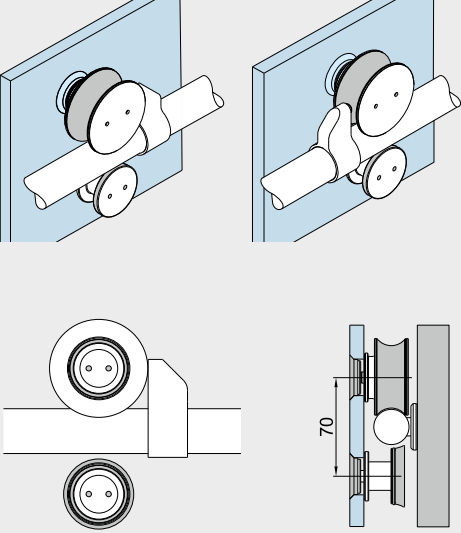
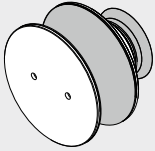
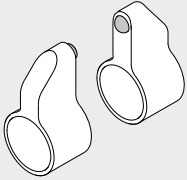
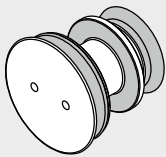
Tubular track fixing at wall	Product description	Art. No.
	<p>Clamp fixing for tubular track at wall AISI 316L</p>	<p>29.175</p> <p>29.184</p>
	<p>Clamp fixing for tubular track at wall 16 mm extended AISI 316L</p>	<p>29.178</p> <p>29.187</p>

Selection guide, tubular track fixing for timber doors

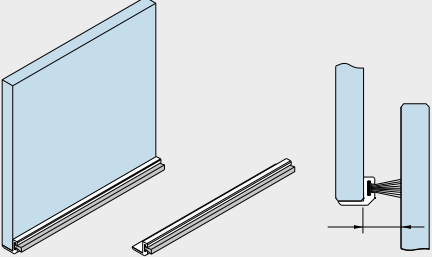
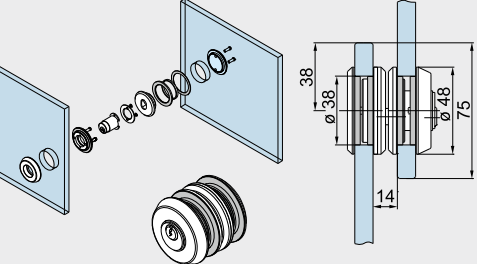
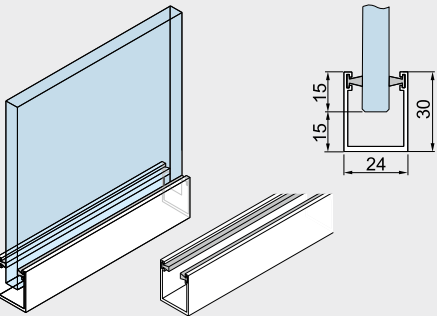
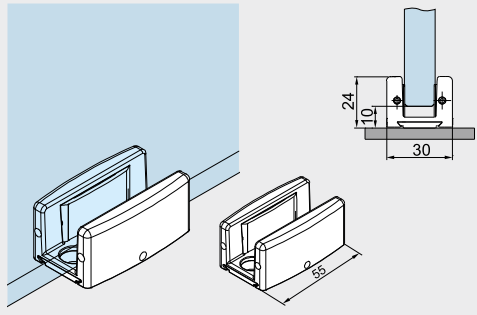
	X	Z	max. door weight kg	to glass Clamp fixing for track	to wall Clamp fixing for track	Art. No.	Art. No.	Art. No.
	mm	mm						
							counter-sunk	clamping disc
	20-30	18.5	120	29.176	29.175		29.177	
	35-40	35	100	29.179	29.178		29.180	

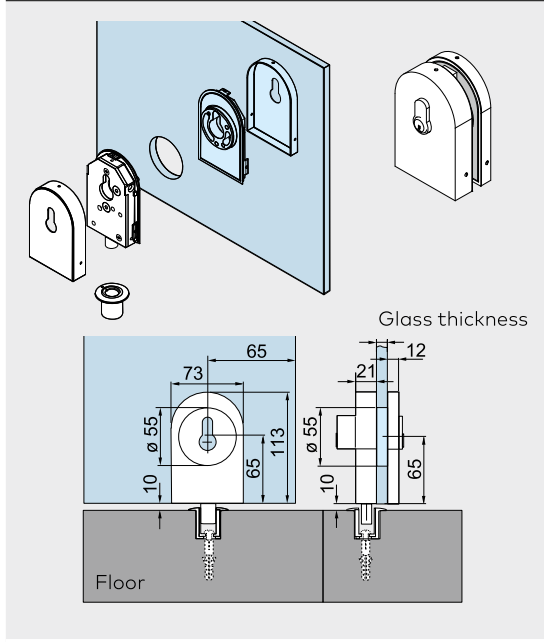
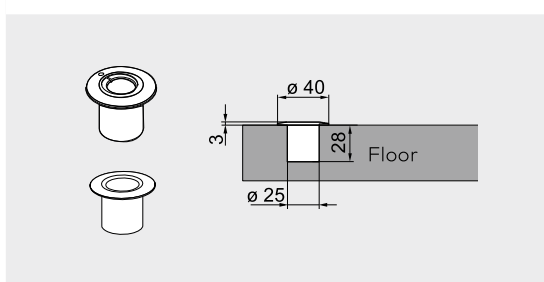
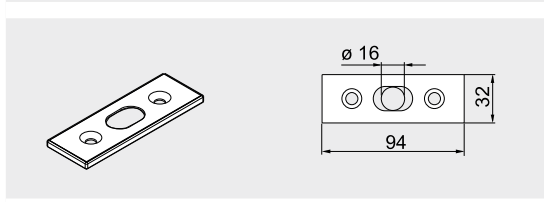
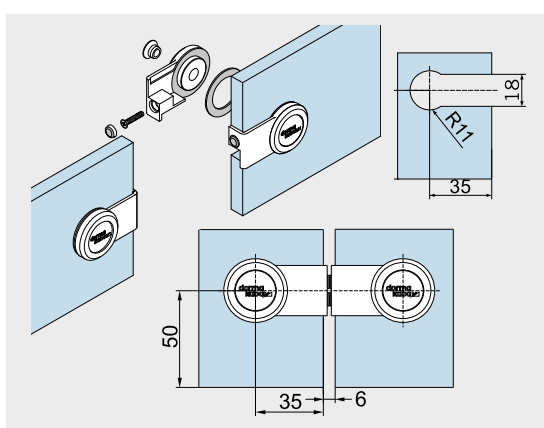
	Product description	Art. No.
 <p>left hand</p> <p>right hand</p>	<p>Door stop</p> <p>left hand AISI 316L right hand AISI 316L</p>	<p>29.425 29.427 29.426 29.428</p>
 <p>2-dimensional adjustment via oblong hole</p>	<p>Wall fixing for tubular track / solid track AISI 316L</p>	<p>29.445 29.446</p>

Tubular track fixing at ceiling	Product description	Art. No.
	<p>Ceiling retainer for tubular track, carrying function</p>	<p>21.316</p>
	<p>Ceiling retainer double for tubular track, carrying function</p>	<p>21.317</p>

	Product description	Glass thickness	Art. No.
	Roller at glass		
	Roller at glass for glass		
	countersunk clamping disc	8 – 12 mm 8 – 12 mm	29.494 29.495
	Door stop for roller at glass and at timber door panel		
	left hand and right hand usable AISI 316L		29.493 29.483
	Anti-jump device for roller at glass		
	countersunk clamping disc	8 – 12 mm 8 – 12 mm	29.497 29.498

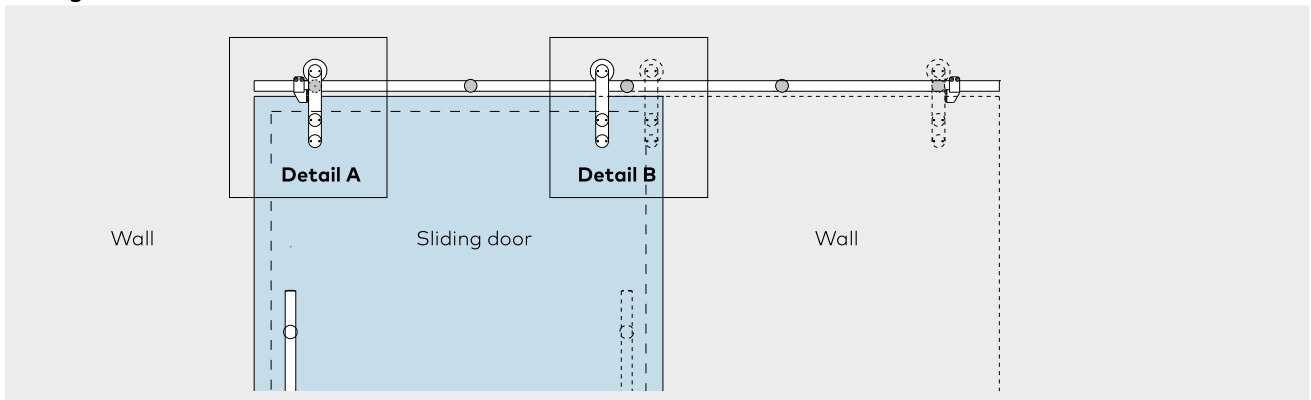
Accessories MANET Concept

	Product description	Glass thickness	Art. No.
 <p>15.5 for 8 mm glass 13.5 for 10 mm glass 11.5 for 12 mm glass</p>	<p>Aluminum brush profile similar satin stainless steel</p> <p>for gap size 14-18mm stock length 3,000 mm</p> <p>fixed length up to 6,000 mm</p> <p>for gap size 10,5-13mm stock length 3,000 mm</p> <p>fixed length up to 6,000 mm</p>		<p>07.402</p> <p>07.403</p> <p>07.400</p> <p>07.401</p>
	<p>Sliding door lock with ratchet brace for glass AISI 316L</p>	<p>8/10/12 mm</p>	<p>21.446</p>
	<p>Guide rail with brush seals applicable for glass</p> <p>Aluminum mill finished fixed length up to 6,000 mm</p> <p>stock length 3,000 mm</p>	<p>8/10/12 mm</p>	<p>21.431</p> <p>21.432</p>
	<p>Floor guide clamping disc, applicable for glass</p> <p>Aluminum 113 (similar satin stainless steel anodized)</p>	<p>8/13.5 mm</p>	<p>07.316</p>

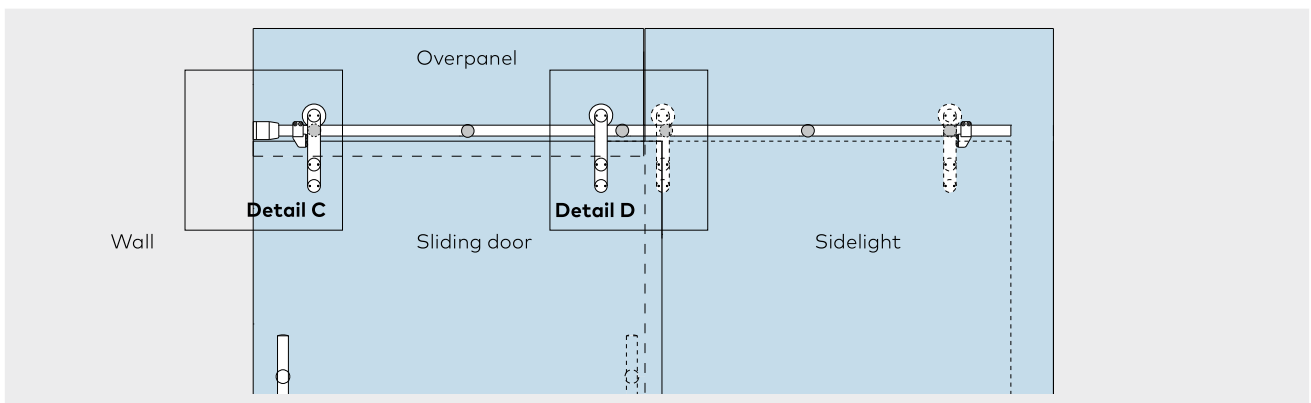
	Product description	Glass thickness	Art. No.
 <p>Technical drawings of corner lock components. Includes exploded views of the lock assembly and floor installation details. Dimensions shown: 65, 73, 113, 10, 65, 113, 10, 65, 21, 12, 65, 10, 65. Labels: 'Glass thickness', 'Floor'.</p>	<p>Corner lock for glass</p> <p>Corner lock with profile cylinder rose on the inside for glass</p> <p>Dead lock for KABA with rose on the inside for glass</p> <p>Profile cylinder for corner lock</p>	<p>8 – 12 mm</p> <p>8 – 12 mm</p> <p>8 – 12 mm</p> <p></p>	<p>21.448</p> <p>21.449</p> <p>21.450</p> <p>14.206</p>
 <p>Technical drawings of eccentric bushing and plastic bushing. Includes exploded views and floor installation details. Dimensions shown: 3, 28, 40, 25, 28. Label: 'Floor'.</p>	<p>Eccentric bushing for corner lock</p> <p>Bushing, plastic</p>		<p>05.194</p> <p>00.110</p>
 <p>Technical drawing of a strike plate. Dimensions shown: 16, 32, 94.</p>	<p>Strike plate</p>		<p>05.190</p>
 <p>Technical drawings of a spacer for sliding doors. Includes exploded views and floor installation details. Dimensions shown: 18, 35, 50, 35, 6. Note: 'Please order our detail sheet 29-044-B for details of glass preparations.'</p>	<p>Spacer for sliding doors that move in opposite directions</p> <p>Please order our detail sheet 29-044-B for details of glass preparations.</p>		<p>29.420</p>

Glass preparation for sliding door system

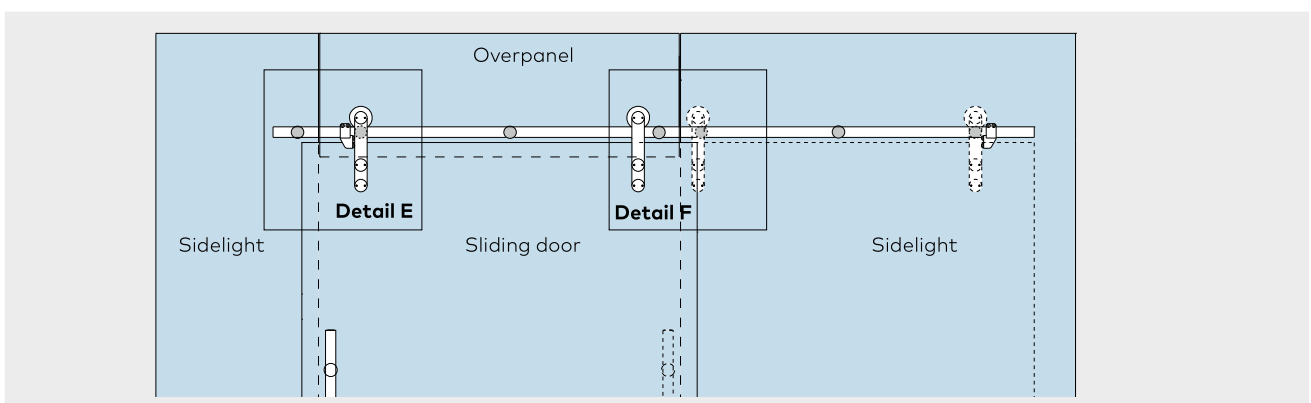
Sliding door to wall

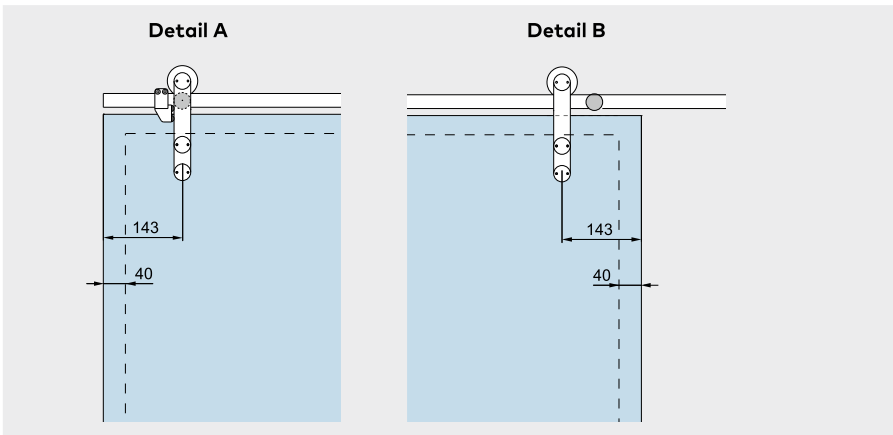


Sliding door with sidelight and overpanel

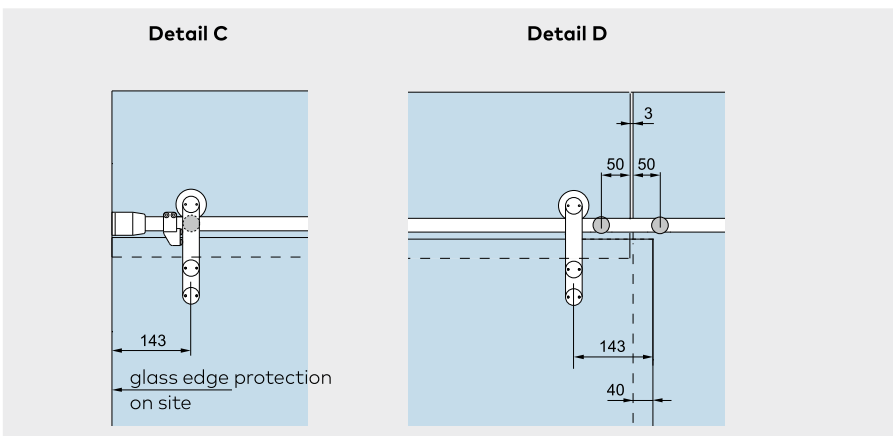
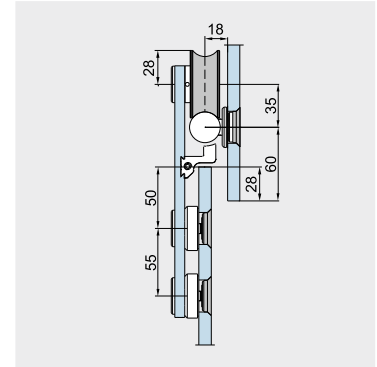


Sliding door with two sidelights and overpanel

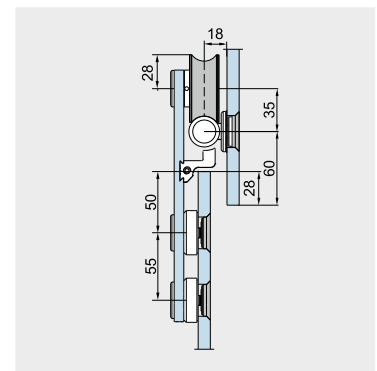




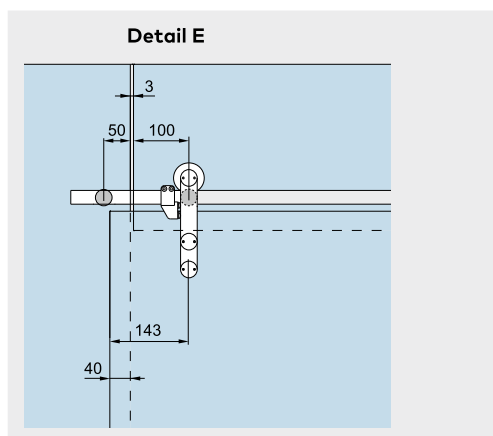
Sliding door with solid track



Sliding door with tubular track and clamp fixing



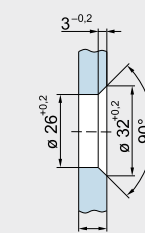
Dimensional data should be regarded exclusively as recommended values. Please remember when designing your system that the positions of the stops and point fixings must not vertically coincide. For spacing/interval recommendations when drilling the track holes, and for requisite dimensions for fixing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



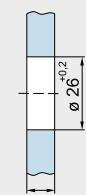
Countersunk bore for countersunk single-point fixings

Cylindrical bore for clamping disc single-point fixings

TSG

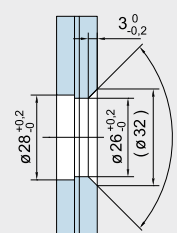


Glass thickness

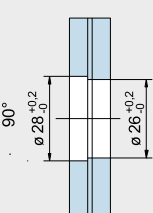


Glass thickness

LSG



Glass thickness



Glass thickness

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

Content

MANET Concept Connection system

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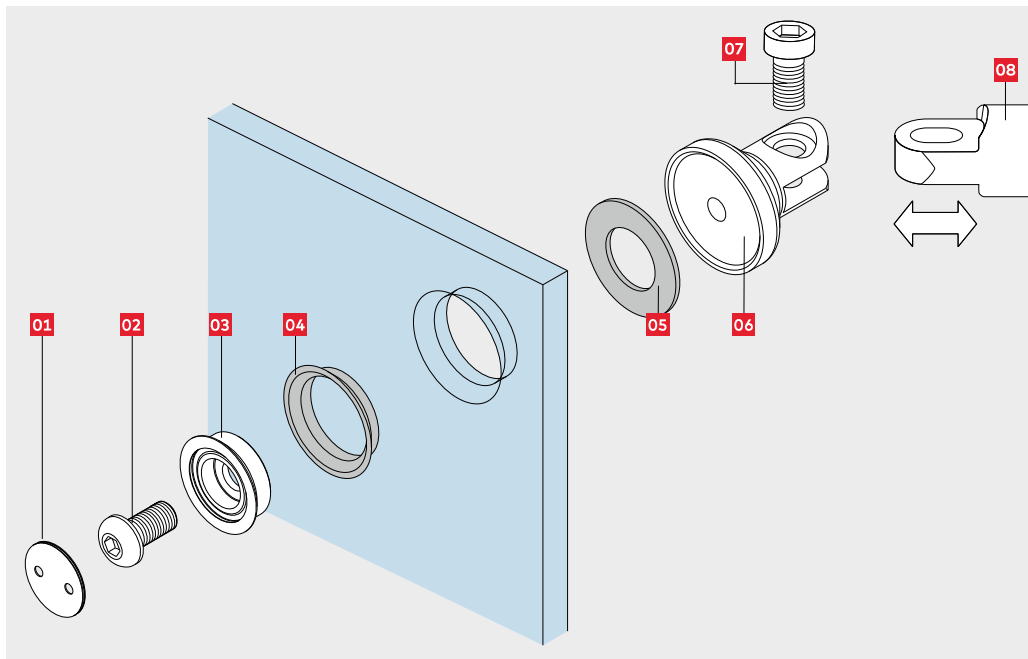
**MANET Concept
Connection system**

Connection system

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

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

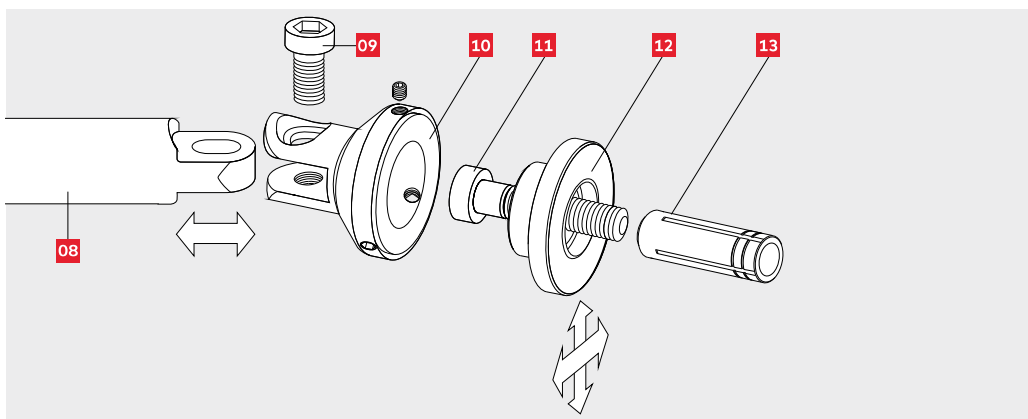
Glass fixing



Components

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

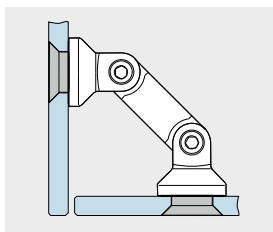
Wall fixing



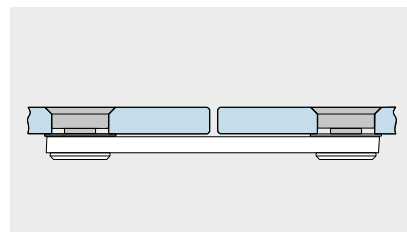
Components

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

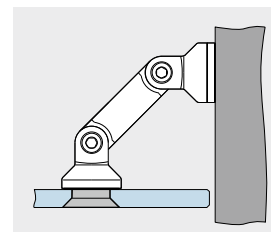
90° – 180° Glass / Glass



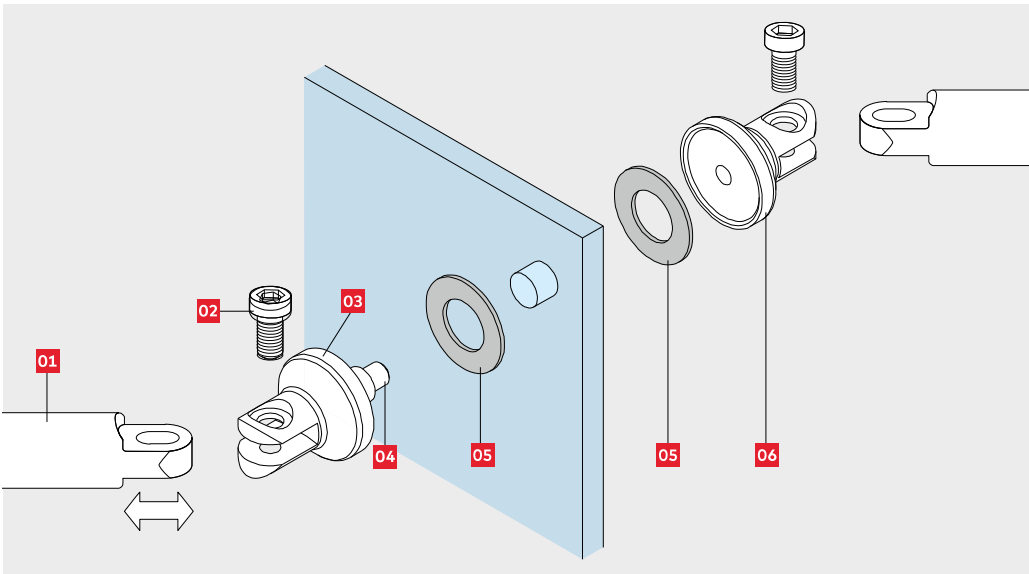
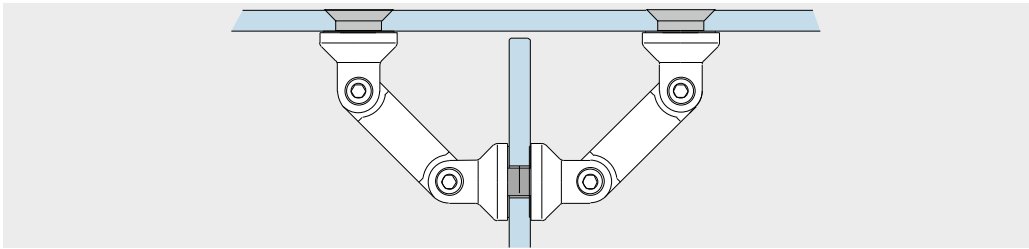
Glass / Glass Connector



90° – 180° Glass / Wall



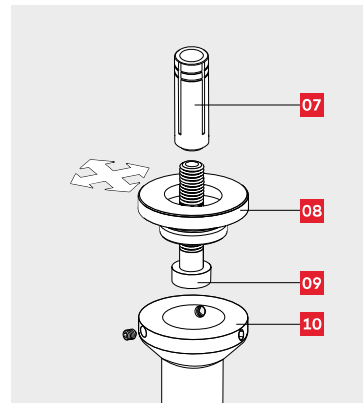
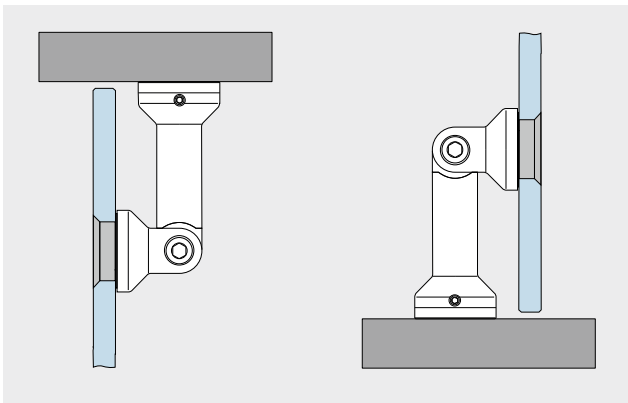
Clamp connection glass



Components

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

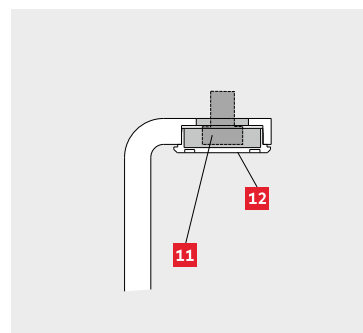
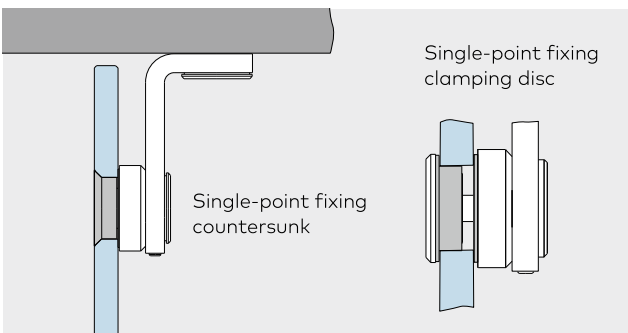
Connection ceiling / floor



Components

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

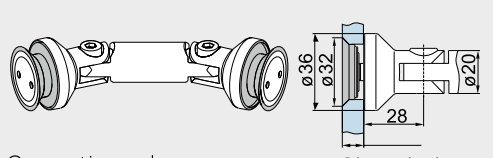
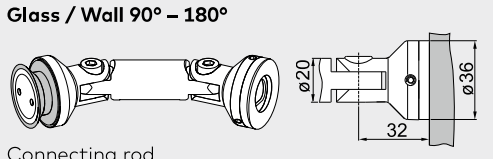
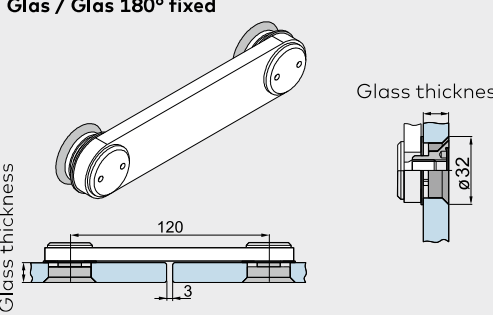
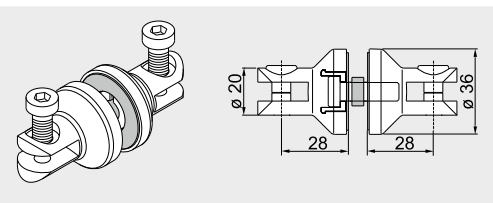
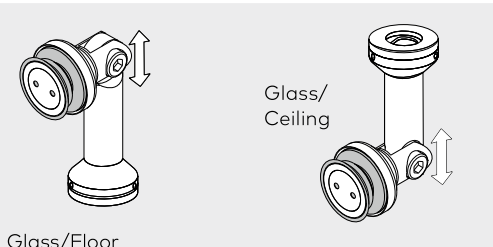
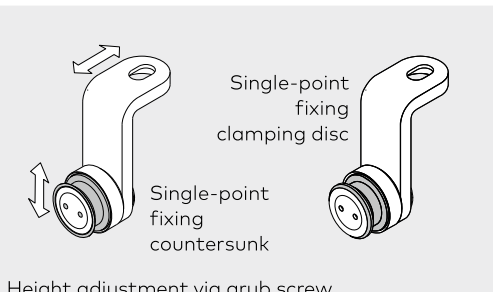
Alternative connection ceiling



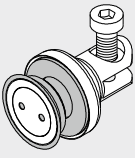
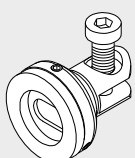
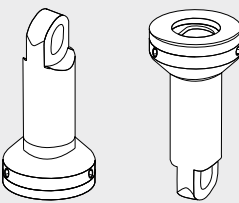
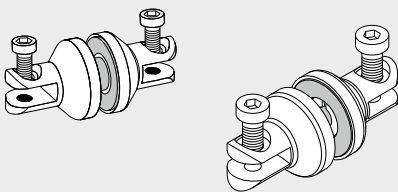
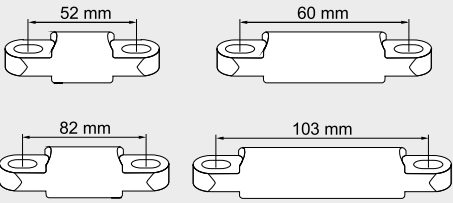
Components

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

Complete fitting

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

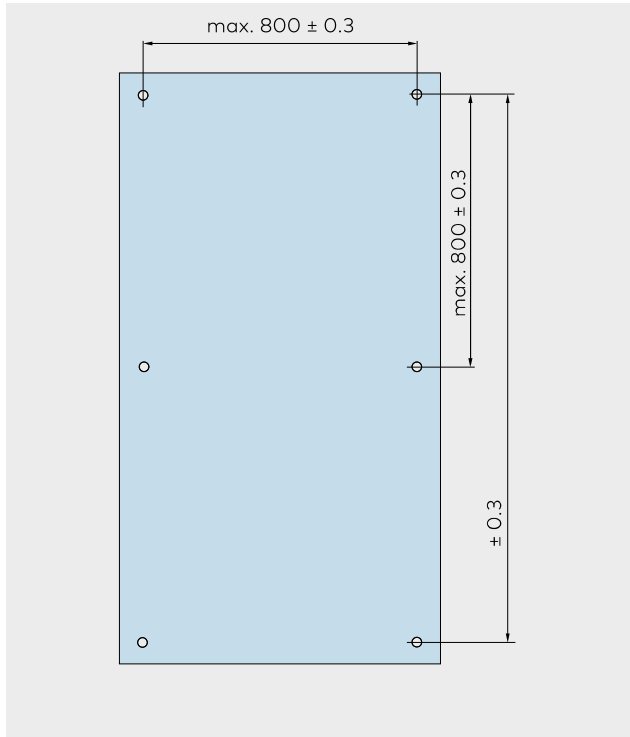
Components

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

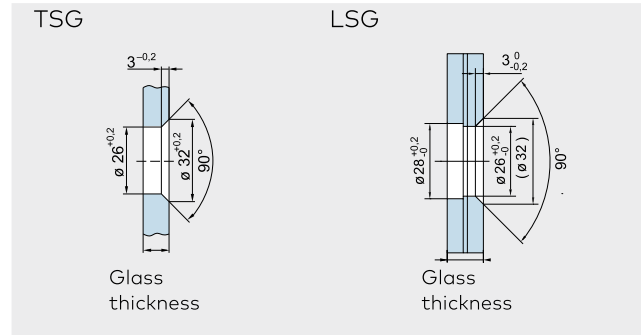
Glass preparation connection system

For TSG and LSG from TSG.

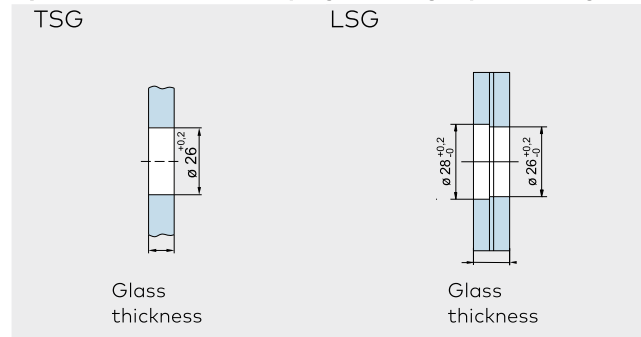
Recommended centers for fixed glazing element



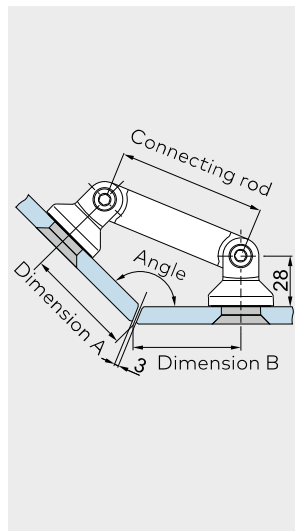
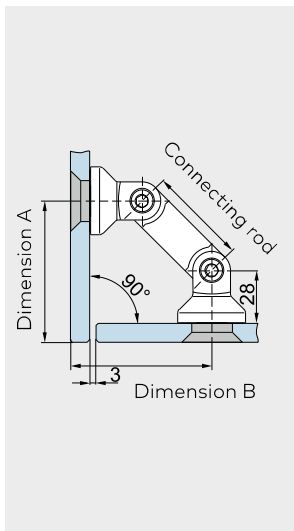
Countersunk bore for countersunk single-point fixings



Cylindrical bore for clamping disc single-point fixings



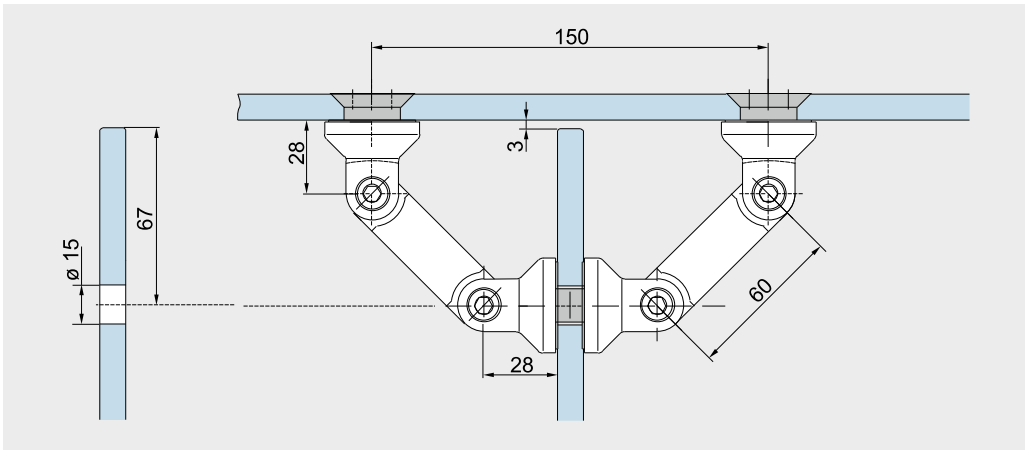
Corner connectors glass / glass 90 – 180°



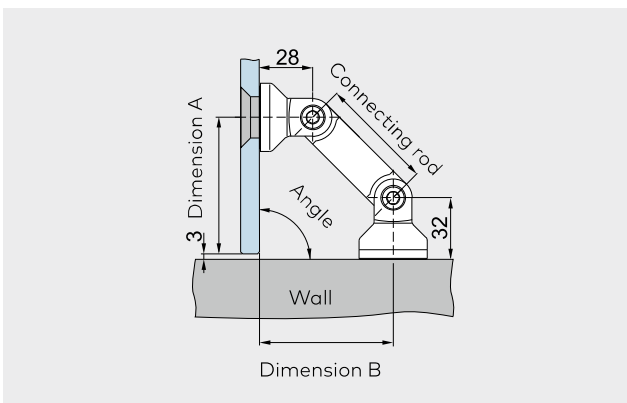
Corner connectors glass / glass (dimensions in mm)

Angle	Length of connecting rod			
	52.5	60	82	103
90°	75	80	96	A/B
95°	70	75	90	A/B
100°	66	71	85	A/B
105°	62	67	81	A/B
110°	59	63	77	A/B
115°	55	60	73	A/B
120°	52	56	69	A/B
125°	49	54	66	A/B
130°	47	51	63	A/B
135°	44	48	60	A/B
180°				50

Clamping connector



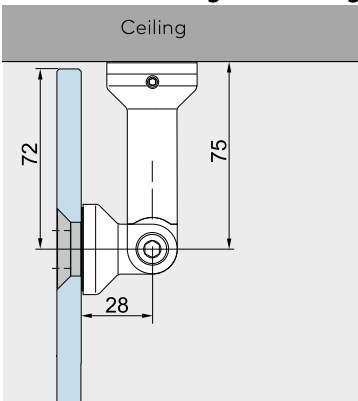
Corner connectors glass / wall 90 – 180°



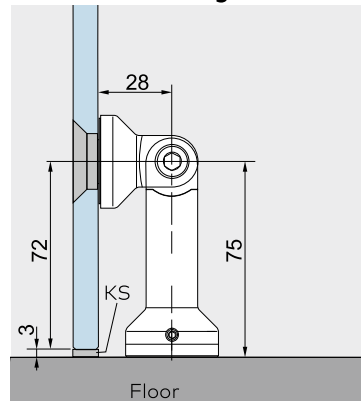
Glass / wall (dimensions in mm)

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

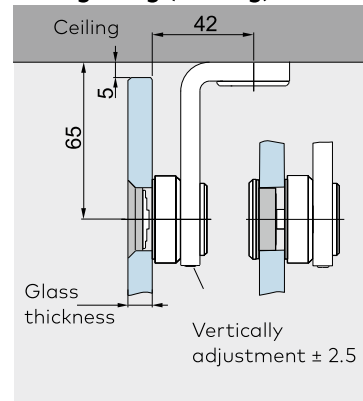
Corner connector glass / ceiling



Corner connector glass / floor



Ceiling fixing (bearing)

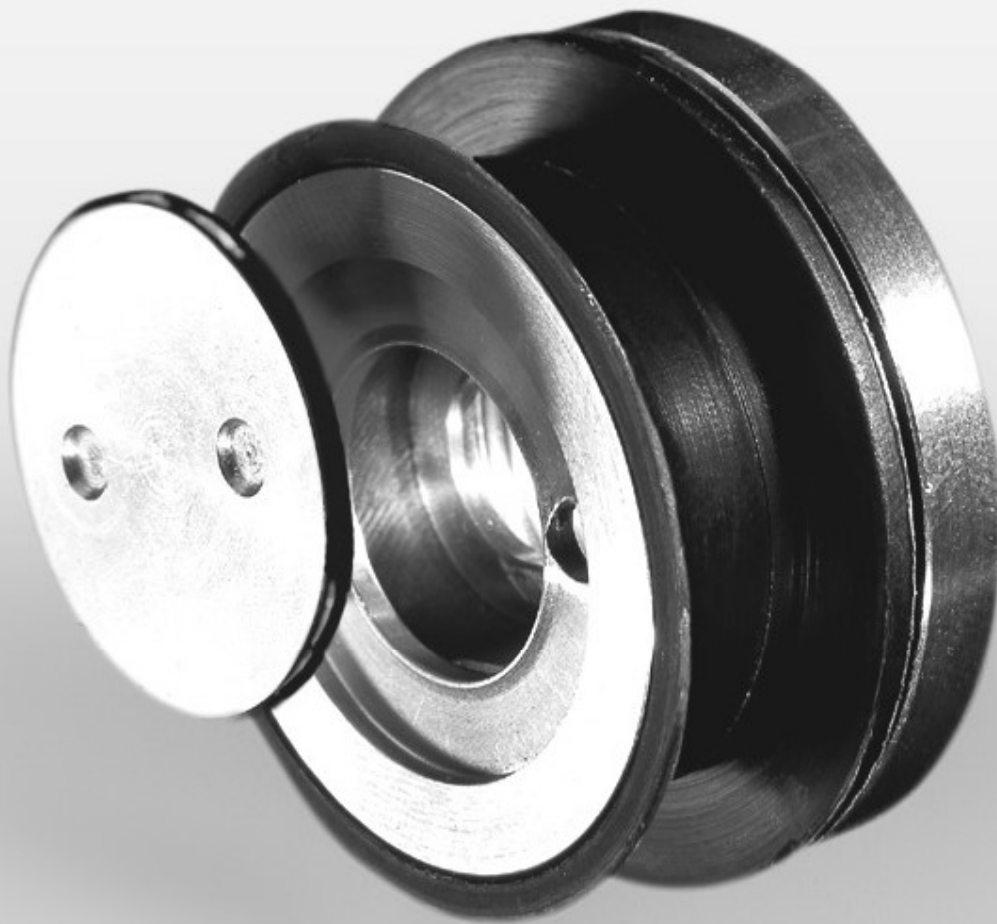


Note: Ensure compliance with minimum glass/bore clearances as per glass manufacturer recommendations. Glass preparation with a tolerance of max. ± 0.3 mm is recommended.

Content

MANET Concept Single-point fixings

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**MANET Concept
Single-point fixings**

Single-point fixing serie S32/35

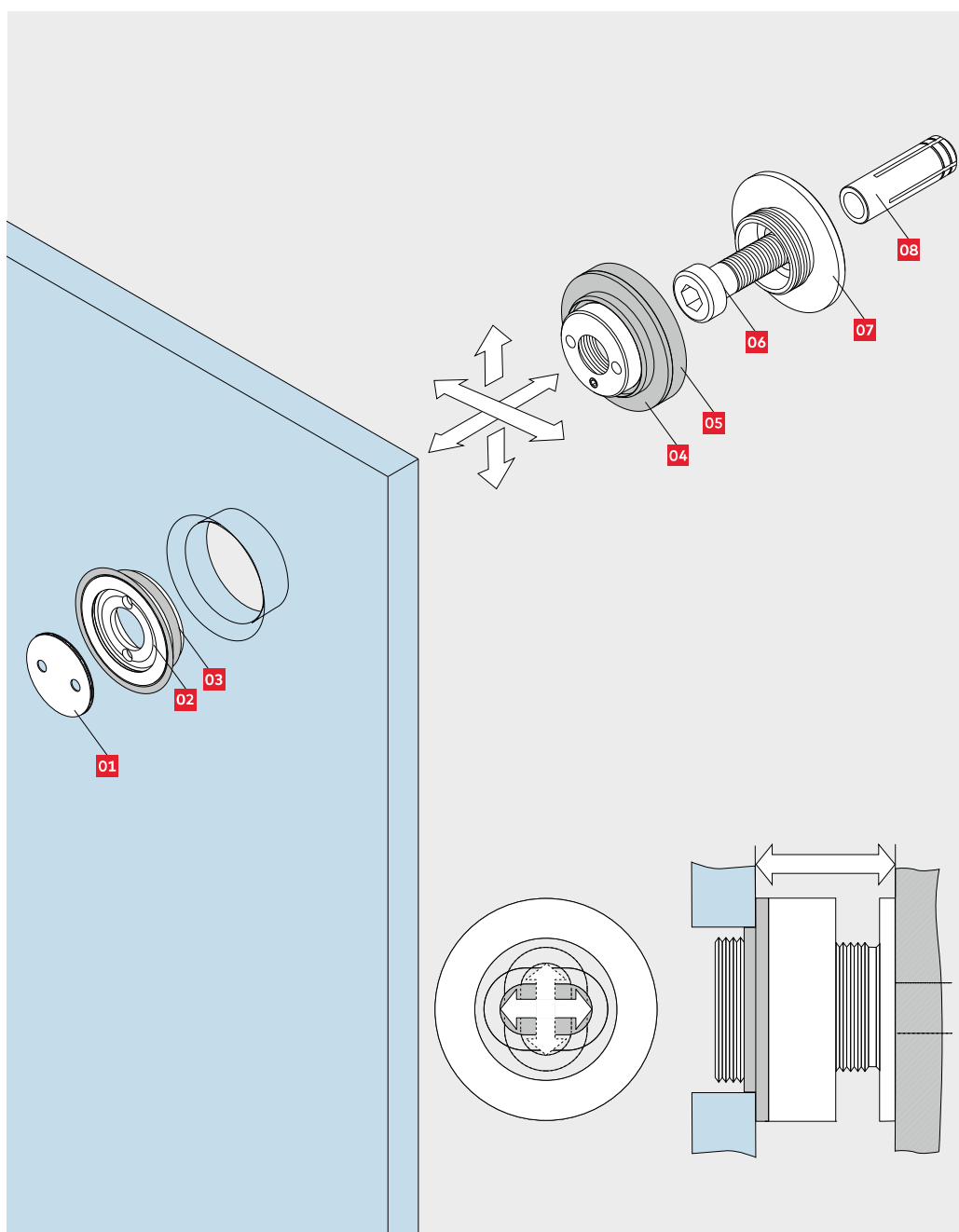


The basic component within the MANET system is the single-point fixing. Rather than cylindrical bore in the glass, this component has a tapered countersunk bore for a perfect seated fit to the glass. These give a flush finish of the single-point fixing in all applications.

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

Simple installation and metric adjustment

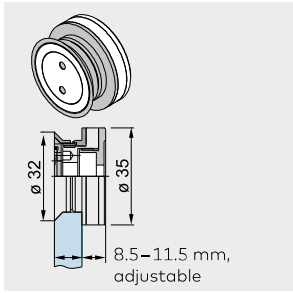
- The fixing and the gasket are wound onto the adjustment screw (7) already fitted to the wall, with the glass panel then being simply mounted over the top.
- The adjustment screw allows the position of the glass to be adjusted in 3 dimensions. An adjustment range of ± 2 mm in the vertical and lateral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



Components

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

Types



Single-point fixing, glass / wall
wall offset
8.5 – 11.5 mm,
adjustable

Countersunk
8/10 mm glass
Art. No. 29.200

12 mm glass
Art. No. 29.210

13.5 mm glass
Art. No. 29.240

15 mm glass
Art. No. 29.244

17.5 mm glass
Art. No. 29.248

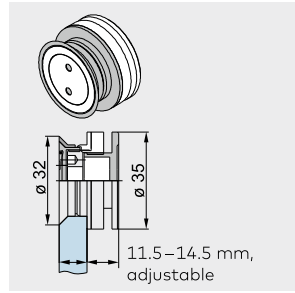
Clamping disc
8/10 mm glass
Art. No. 29.700

12 mm glass
Art. No. 29.705

13.5 mm glass
Art. No. 29.710

15 mm glass
Art. No. 29.715

17.5 mm glass
Art. No. 29.720



Single-point fixing, glass / wall
wall offset
11.5 – 14.5 mm,
adjustable

Countersunk
8/10 mm glass
Art. No. 29.201

12 mm glass
Art. No. 29.211

13.5 mm glass
Art. No. 29.241

15 mm glass
Art. No. 29.245

17.5 mm glass
Art. No. 29.249

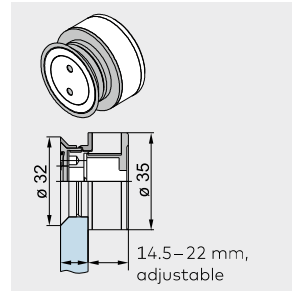
Clamping disc
8/10 mm glass
Art. No. 29.701

12 mm glass
Art. No. 29.706

13.5 mm glass
Art. No. 29.711

15 mm glass
Art. No. 29.716

17.5 mm glass
Art. No. 29.721



Single-point fixing, glass / wall
wall offset
14.5 – 22 mm,
adjustable

Countersunk
8/10 mm glass
Art. No. 29.202

12 mm glass
Art. No. 29.212

13.5 mm glass
Art. No. 29.242

15 mm glass
Art. No. 29.246

17.5 mm glass
Art. No. 29.250

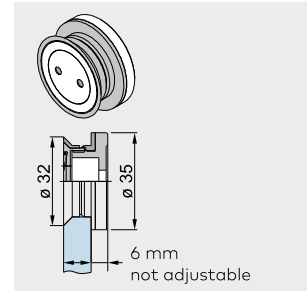
Clamping disc
8/10 mm glass
Art. No. 29.702

12 mm glass
Art. No. 29.707

13.5 mm glass
Art. No. 29.712

15 mm glass
Art. No. 29.717

17.5 mm glass
Art. No. 29.722



Single-point fixing, glass / wall
fixed wall offset
6 mm,
not adjustable

Countersunk
8/10 mm glass
Art. No. 29.205

12 mm glass
Art. No. 29.215

13.5 mm glass
Art. No. 29.243

15 mm glass
Art. No. 29.247

17.5 mm glass
Art. No. 29.251

Clamping disc
8/10 mm glass
Art. No. 29.730

12 mm glass
Art. No. 29.731

13.5 mm glass
Art. No. 29.732

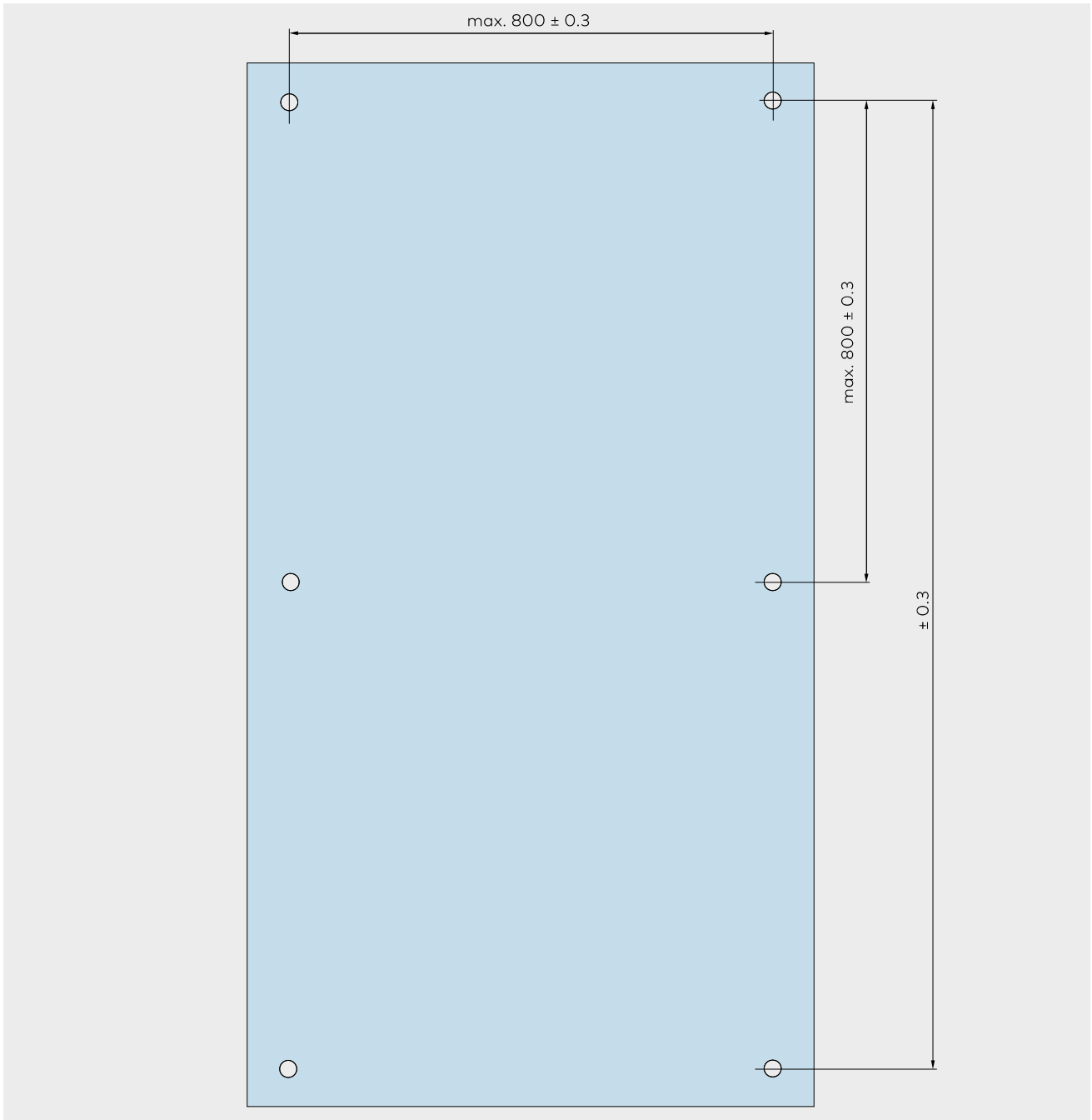
15 mm glass
Art. No. 29.733

17.5 mm glass
Art. No. 29.734

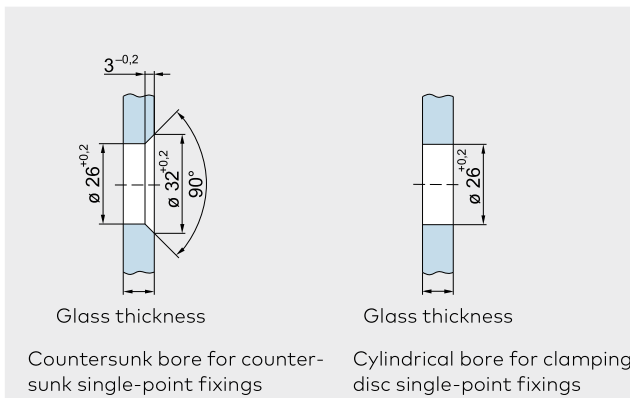
Stainless steel quality AISI 316L on request.

Glass preparation connection system

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



TSG



LSG

