



# **MANET**

## **Compact Sets**

# Content

## MANET Compact Sets

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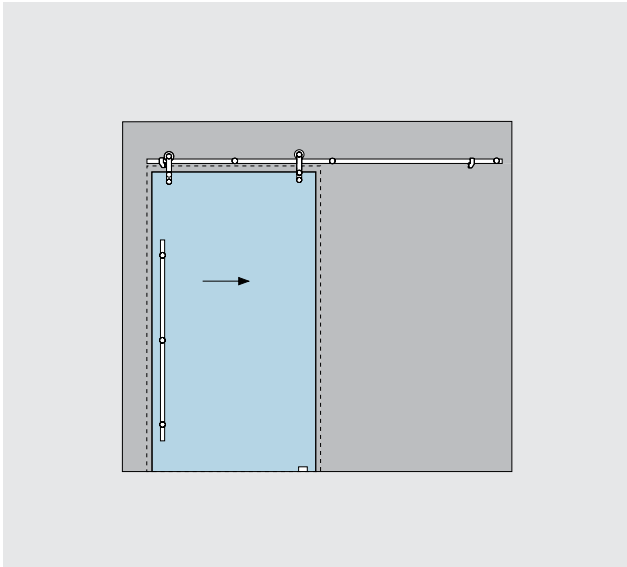
All elements -including the pull handles- are available in an elegant stainless steel finish. All the components are manufactured from the steel grade 1.4305 (approx. AISI 303) for normal interior applications.

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

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

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

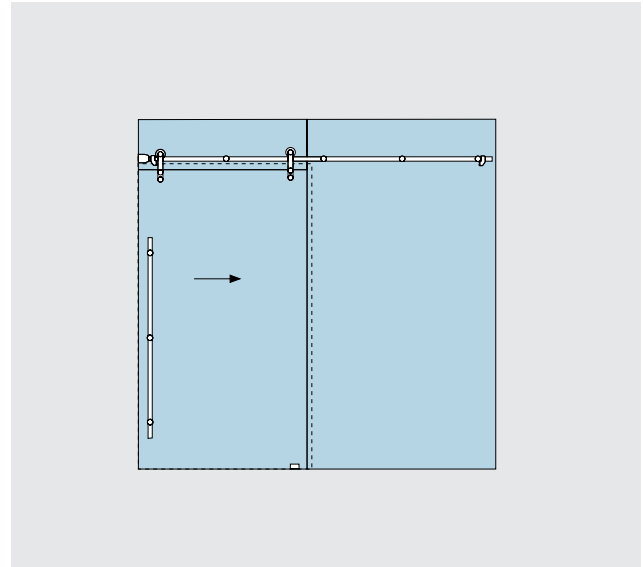
# MANET Compact Sets



**Set 4.1/4.2**

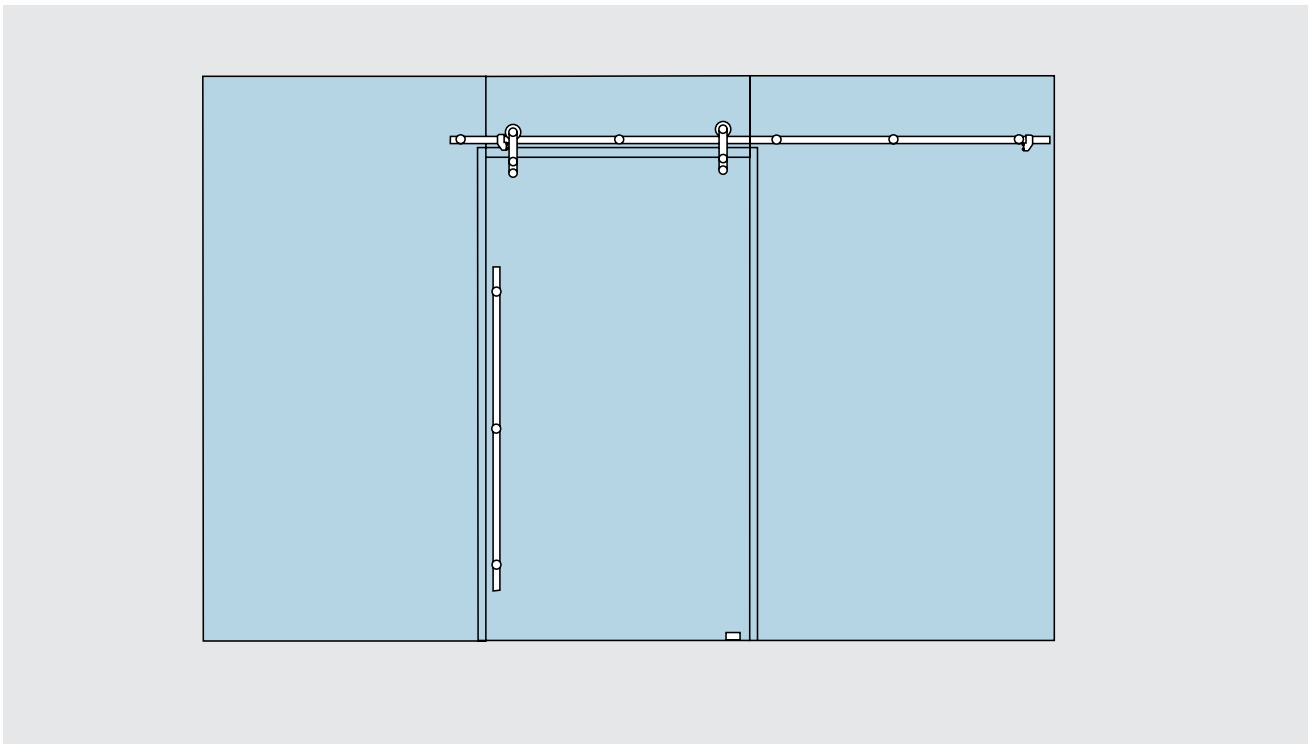
The aesthetic elegance of the MANET Compact concept is also available in the form of standardized sets for simple, fast planning of the more popular system types.

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)

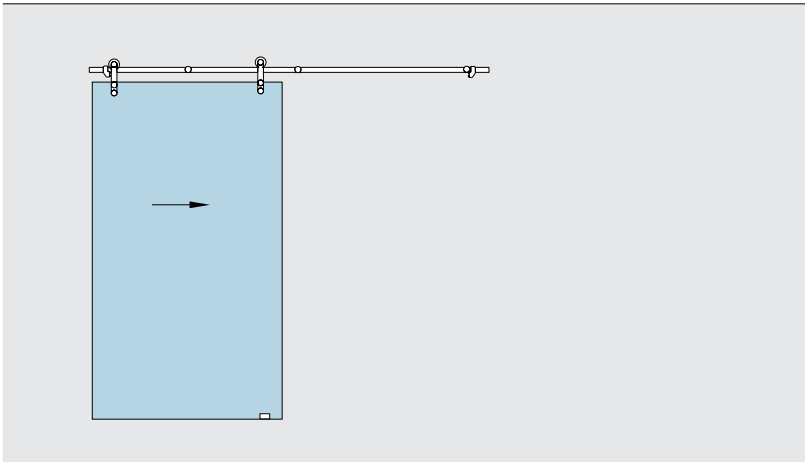


**Set 6.1/6.2**



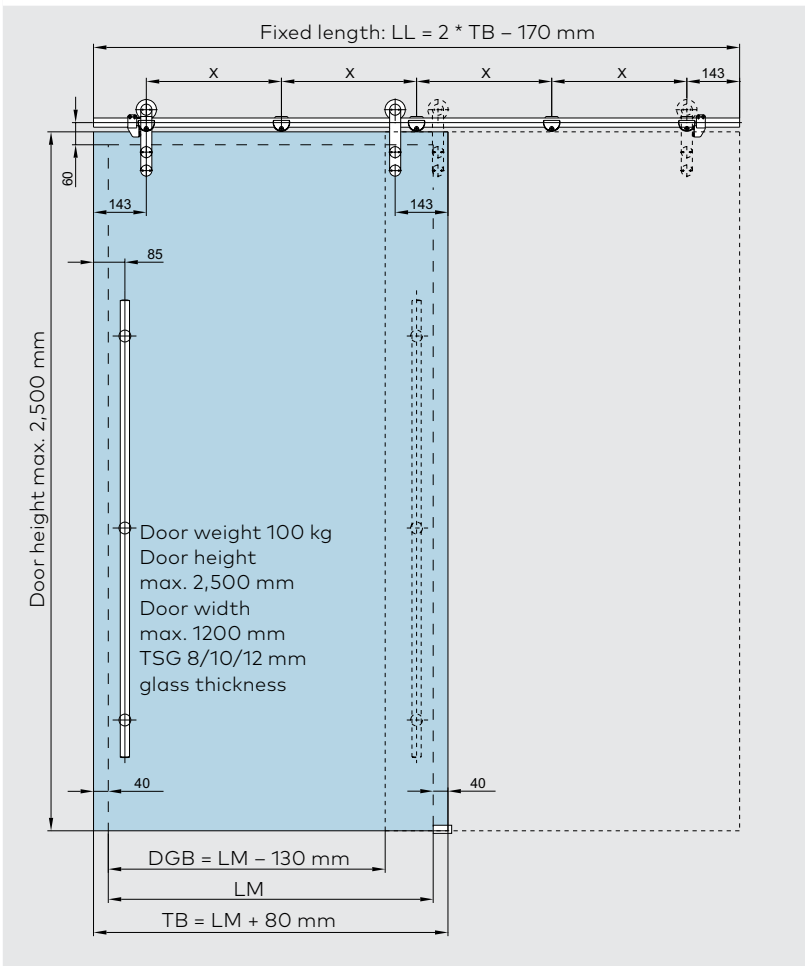
# Set 4.1/4.2

## 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

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

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


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<b>Set 4.1/Set 4.2</b>	<b>Set 4.1 with single-point fixings countersunk Art. No.</b>	<b>Set 4.2 with clamping disc single-point fixings Art. No.</b>
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	<b>29.916</b>	<b>29.917</b>
<b>Set as above,</b> but with 16 mm extended clamp fixing	<b>29.925</b>	<b>29.926</b>
<b>Not covered by the set:</b> Tubular track incl. end cups in fixed length*	<b>21.436</b>	<b>21.436</b>
Tubular track, incl. end cups, stock length 3,000 mm	<b>21.527</b>	<b>21.527</b>

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**Accessory options for Set 4.1/Set 4.2**


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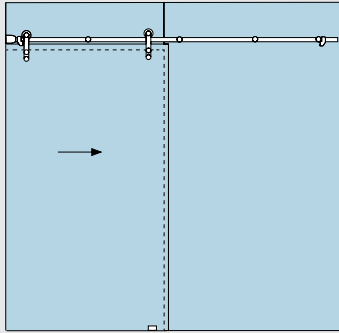
<b>Pull handles / Recessed pull grip</b>		
Pull handles	Length 350 mm	<b>29.268</b>
	Length 720 mm	<b>29.271</b>
	Length 1,240 mm	<b>29.274</b>
	Length 1,760 mm	<b>29.277</b>
Pair of pull handles	Length 350 mm	<b>21.267</b>
	Length 720 mm	<b>21.270</b>
	Length 1,240 mm	<b>21.273</b>
	Length 1,760 mm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

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

# Set 5.1/5.2

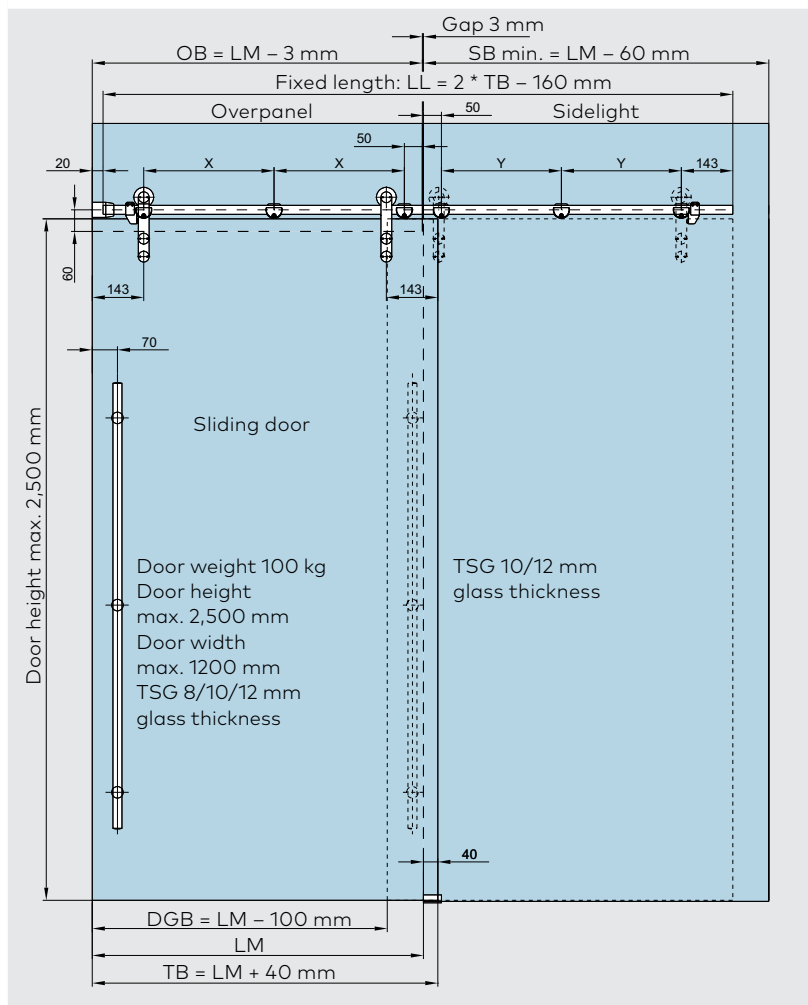
## Sliding door MANET COMPACT for installation at glass, one side attached to masonry



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

**Set 5.1**  
with countersunk single-point fixings

**Set 5.2**  
with clamping disc single-point fixings



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

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

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


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**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:	<b>29.918</b>	<b>29.919</b>
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		
<b>Not covered by the set:</b>		
Tubular track incl. end cups fixed length*		<b>21.436</b>
Tubular track incl. end cups, stock length 3,000 mm		<b>21.527</b>

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

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

**Corner lock**

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

**Further accessories**

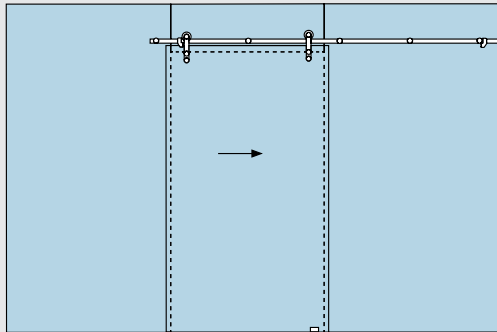
Aluminum guide rail with brush seals	stock length 3,000 mm	<b>21.432</b>	
	stock length 6,000 mm	<b>21.430</b>	
Ceiling connector (bearing function)		<b>29.337</b>	<b>29.338</b>
Assembling tool for MANET single-point fixing			<b>21.134</b>

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



# Set 6.1/6.2

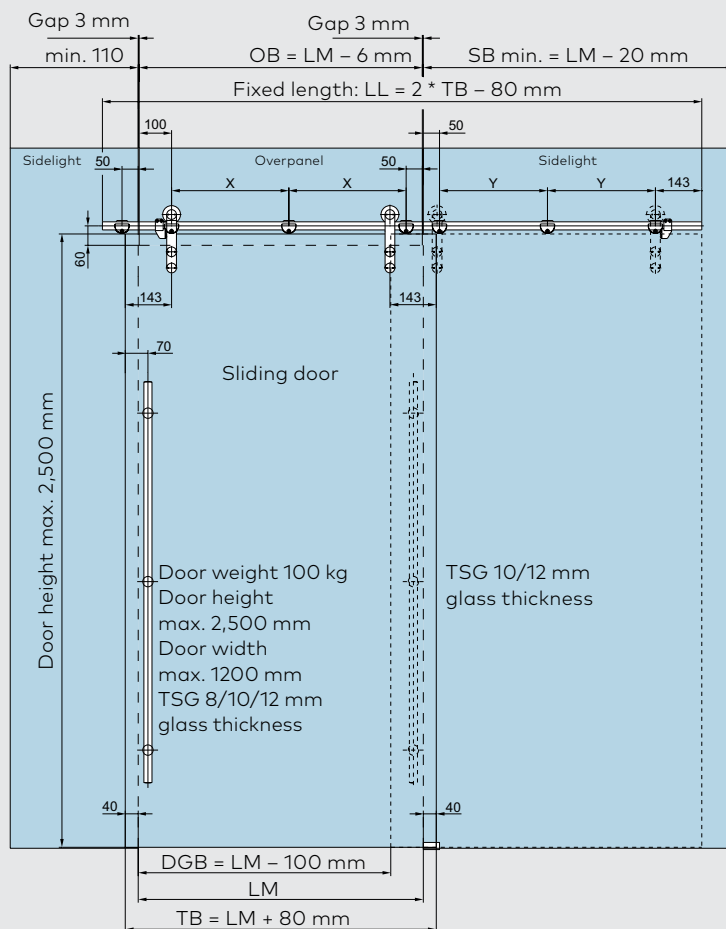
## Sliding door MANET COMPACT for installation at glass, sidelights on both sides



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

**Set 6.1**  
with countersunk single-point fixings

**Set 6.2**  
with clamping disc single-point fixings



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

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

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

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


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**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:	<b>29.920</b>	<b>29.921</b>
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		
<b>Not covered by the set:</b>		
Tubular track incl. end cups fixed length*		<b>21.436</b>
Tubular track incl. end cups, stock length 3,000 mm		<b>21.527</b>

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

Pull handles	Length 350 mm	<b>29.268</b>	<b>21.240</b>
	Length 720 mm	<b>29.271</b>	<b>21.241</b>
	Length 1,240 mm	<b>29.274</b>	<b>21.242</b>
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**Corner lock**

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**Further accessories**

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Ceiling connector (bearing function)		<b>29.337</b>	<b>29.338</b>
Assembling tool for MANET single-point fixing		<b>21.134</b>	

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# Content

## MANET Concept Sliding door system

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136/160	<b>Accessories</b>
179	<b>Safety-related information</b>

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

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

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

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



**MANET Concept  
Sliding door system**

# Sliding door system

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

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

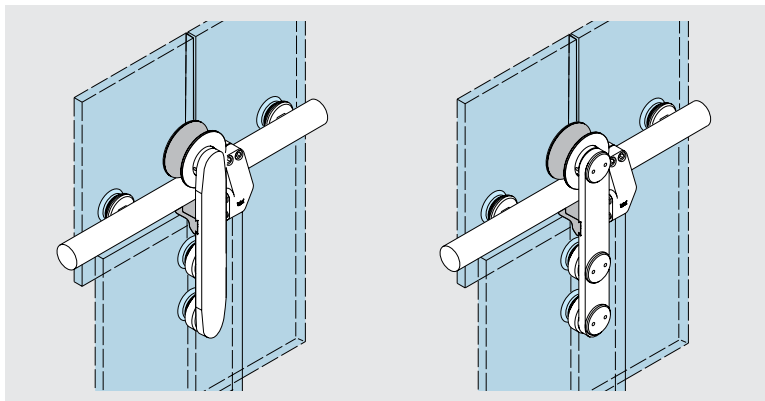


Roller carrier TREND



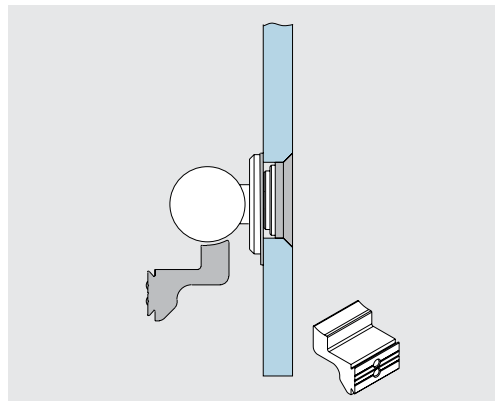
Roller carrier CLASSIC

## Glass connection with drilled solid tracks



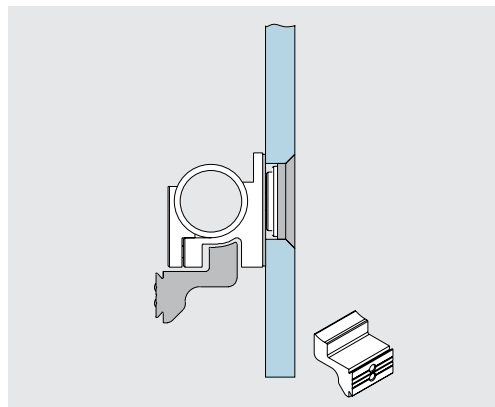
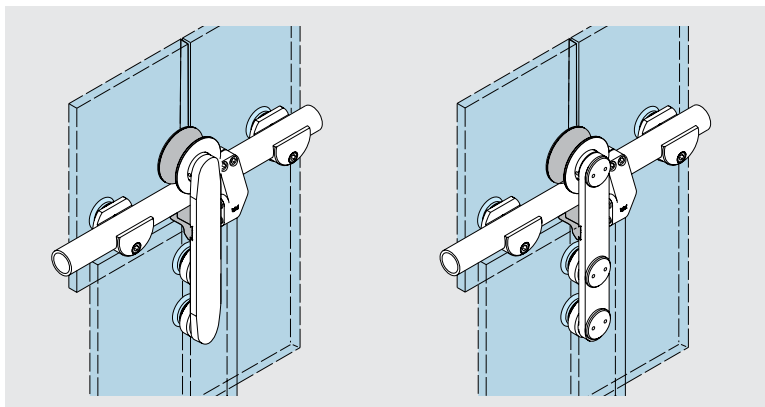
Roller carrier TREND

Roller carrier CLASSIC

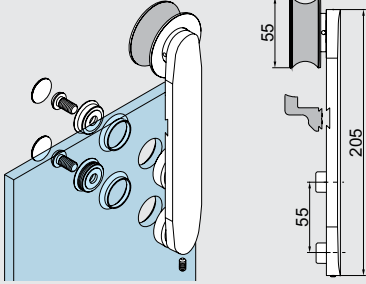
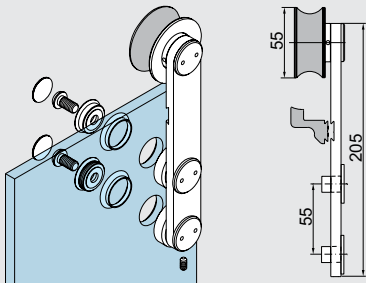
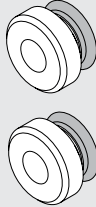
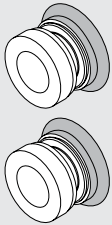


Towards securing the panel an accordant anti-jump device for solid and tubular tracks will be used.

## Glass connection with clamp fixing and tubular tracks



# Roller carrier

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

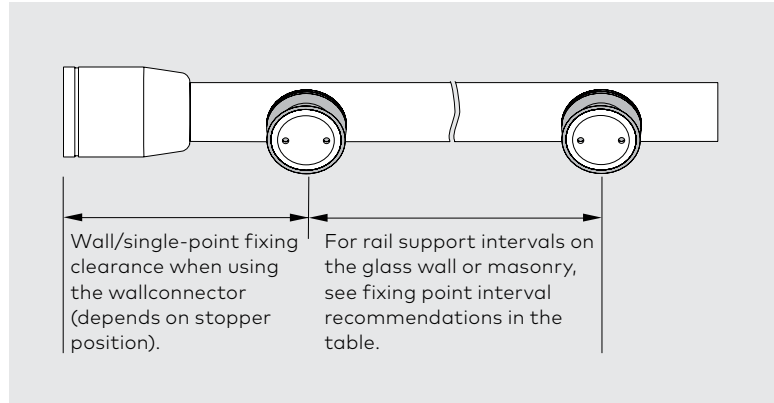
# Solid track and accessories

## 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.

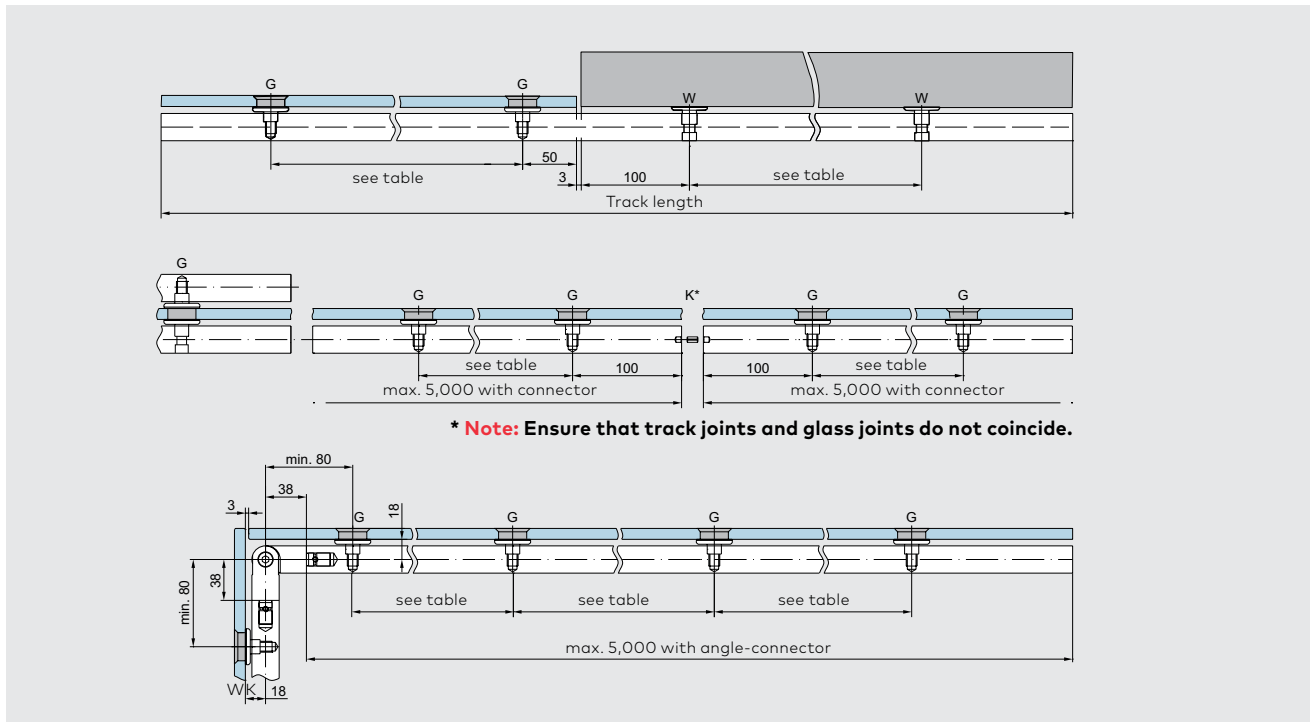
## Fixing screws for wall installation by others

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  $\pm 0.3$  mm.



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

## Required dimensions for the track production



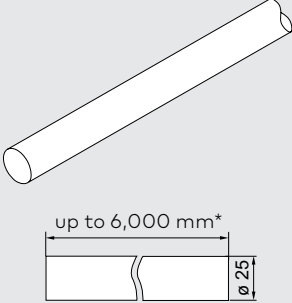
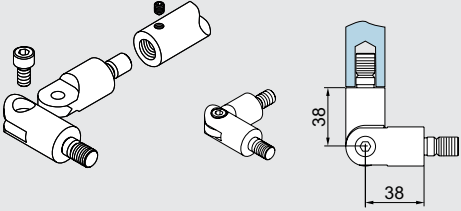
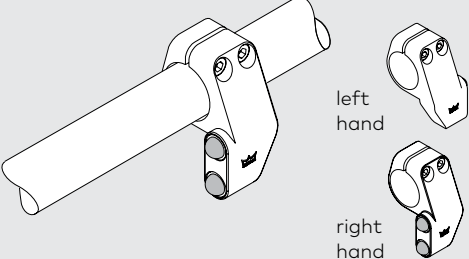
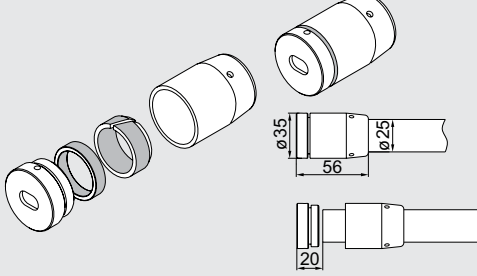
**\* Note:** Ensure that track joints and glass joints do not coincide.

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


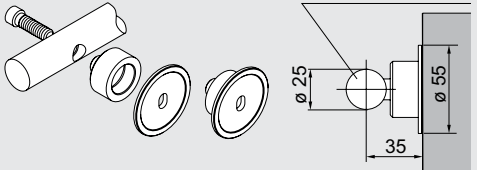
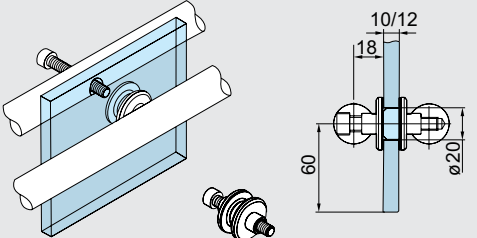
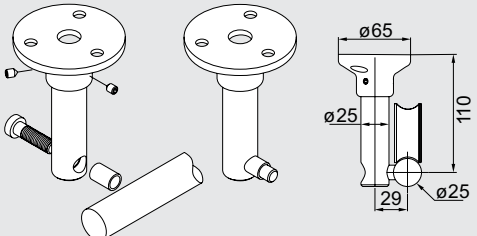
K = Connection  
WK = Angle-connection

## Recommended distance of the track fixing points

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

	Features and data	Art. No.
 <p data-bbox="164 712 564 734">* max. single length 5,000 mm by coupling</p>	<p data-bbox="691 376 1340 454"><b>Solid track</b> The track rail is prefabricated per customer specifications/ drawing with all the necessary drill holes already provided.</p> <p data-bbox="691 479 1340 557"><b>Track, drilled</b> for fixing at glass fixed length up to 6,000 mm</p> <p data-bbox="691 580 1340 607">AISI 316L</p> <p data-bbox="691 629 1340 656">for fixing at wall up to 6,000 mm</p> <p data-bbox="691 678 1340 705">AISI 316L</p> <p data-bbox="691 728 1340 784"><b>Track, undrilled</b> for fixing with clamp brackets fixed length up to 6,000 mm</p> <p data-bbox="691 806 1340 833">Also for AISI 316L</p>	<p data-bbox="1361 528 1444 555"><b>21.405</b></p> <p data-bbox="1361 577 1444 604"><b>21.456</b></p> <p data-bbox="1361 627 1444 654"><b>21.406</b></p> <p data-bbox="1361 676 1444 703"><b>21.457</b></p> <p data-bbox="1361 752 1444 779"><b>21.407</b></p> <p data-bbox="1361 801 1444 828"><b>21.458</b></p>
<p data-bbox="164 857 363 880">Threaded rod M5 x 6</p>  <p data-bbox="164 1115 427 1137">Angle connection 90 – 180°</p>	<p data-bbox="691 857 1340 884"><b>Connectors</b></p> <p data-bbox="691 907 1340 958">offset for tracks 90 – 180° Also for AISI 316L</p>	<p data-bbox="1361 907 1444 934"><b>21.442</b></p> <p data-bbox="1361 934 1444 960"><b>21.443</b></p>
 <p data-bbox="507 1279 560 1305">left hand</p> <p data-bbox="507 1400 560 1426">right hand</p>	<p data-bbox="691 1167 1340 1193"><b>Door stop</b></p> <p data-bbox="691 1216 1340 1317">left hand AISI 316L right hand AISI 316L</p>	<p data-bbox="1361 1216 1444 1243"><b>29.425</b></p> <p data-bbox="1361 1243 1444 1270"><b>29.427</b></p> <p data-bbox="1361 1270 1444 1296"><b>29.426</b></p> <p data-bbox="1361 1296 1444 1323"><b>29.428</b></p>
	<p data-bbox="691 1487 1340 1565"><b>Wall fixing for tubular track / solid track</b> AISI 316L</p>	<p data-bbox="1361 1514 1444 1541"><b>29.445</b></p> <p data-bbox="1361 1541 1444 1568"><b>29.446</b></p>

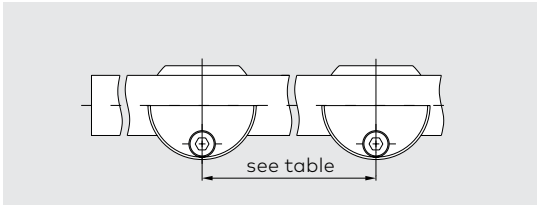


Solid track fixing at wall	Features and data	Art. No.
	<p><b>Flange for fixing the track at wall</b> AISI 316L</p>	<p><b>21.346</b> <b>21.347</b></p>
 <p data-bbox="159 1093 558 1120">2-dimensional adjustment via oblong hole</p>	<p><b>Flange for fixing the track at wall, adjustable</b> Adjustment + 5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

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

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

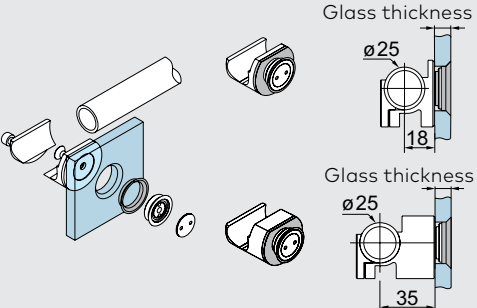
# Tubular tracks and accessories

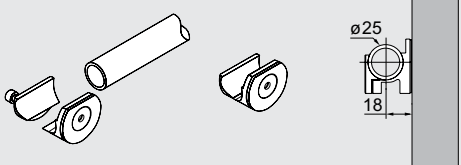
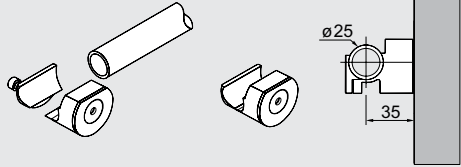


## Recommended distance of the track fixing points

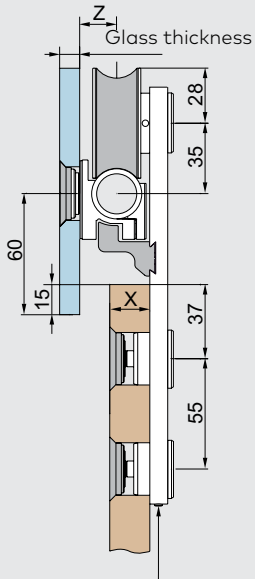
Door height in mm	Door width in mm																							
	700			800			900			1,000			1,100			1,200			1,300			1,400		
	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness mm	Glass thickness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

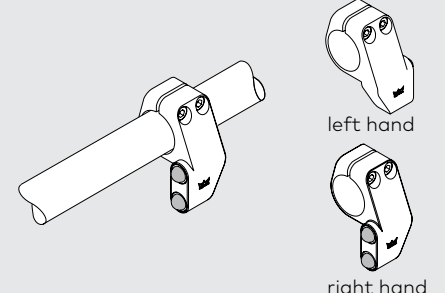
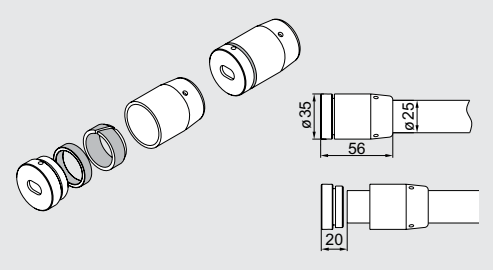
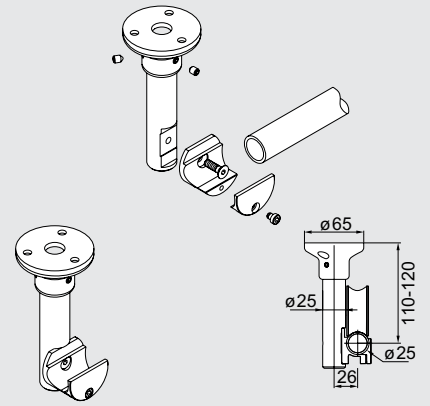
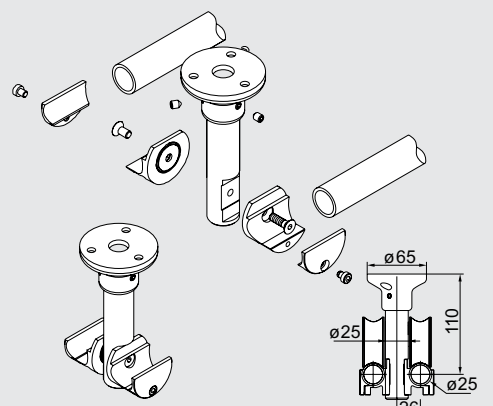
	Features and data	Art. No.
	<b>Tubular track</b> incl. end plugs  stock length 3,000 mm AISI 316L Fixed length up to 6,000 mm AISI 316L	<b>21.527</b> <b>21.530</b> <b>21.436</b> <b>21.532</b>
	<b>Tubular track</b> bent, incl. end plugs  max. curve length 2,600 mm max. curve length 5,600 mm	<b>21.409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

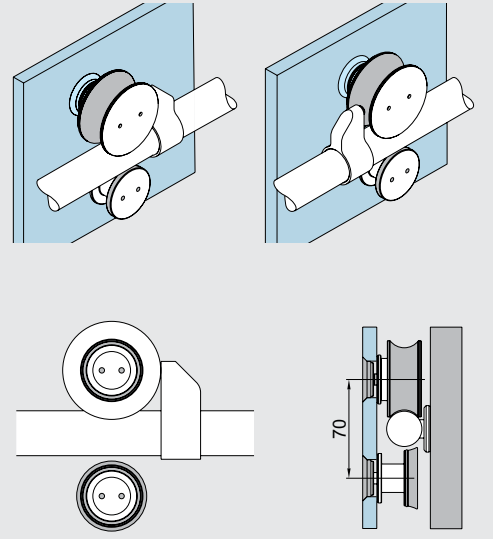
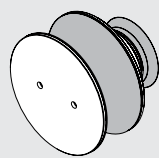
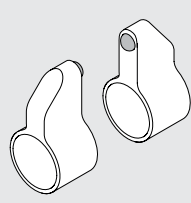
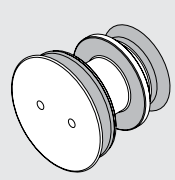
Tubular track fixing at glass	Features and data	Art. No.
	<p><b>Clamp fixing</b> for tubular track at glass</p> <p>single-point fixing countersunk* AISI 316L</p> <p>single-point fixing, clamping disc* AISI 316L</p> <p>16 mm extended single-point fixing countersunk* single-point fixing, clamping disc*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

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

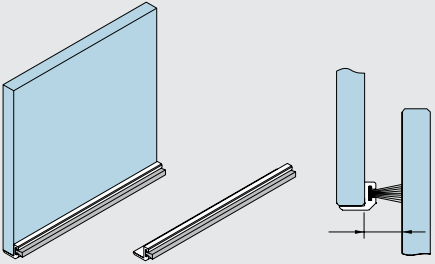
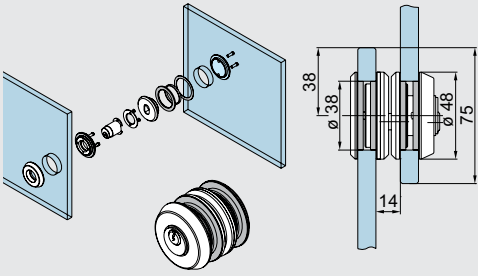
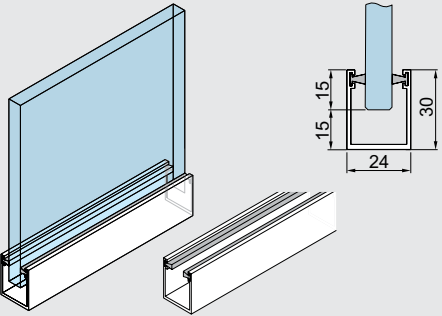
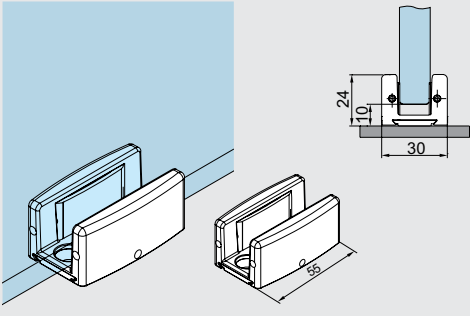
**Selection guide, tubular track fixing for timber doors**

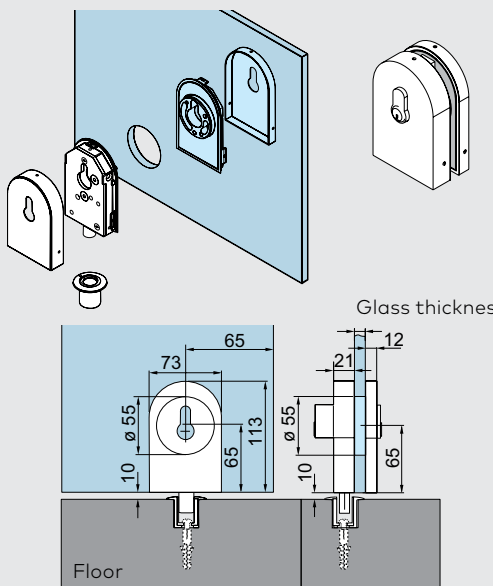
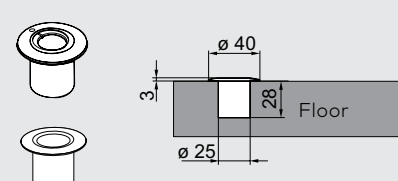
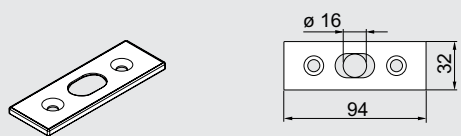
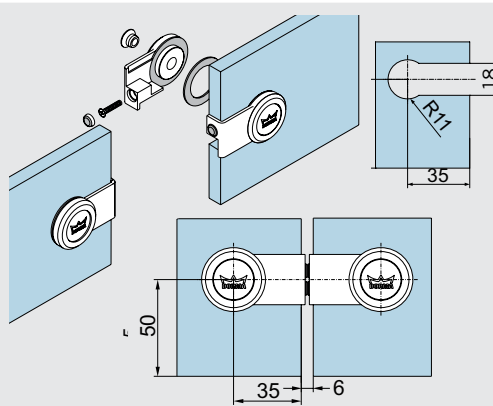
	<b>X</b>	<b>Z</b>	max. door weight kg	to glass Clamp fixing for track	to wall Clamp fixing for track	<b>Art. No.</b>	<b>Art. No.</b>	<b>Art. No.</b>
	mm	mm						
					counter-sunk		clamping disc	
	20-30	18.5	120	<b>29.175</b>		<b>29.176</b>	<b>29.177</b>	
	35-40	35	100	<b>29.178</b>		<b>29.179</b>	<b>29.180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

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

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

# Accessories MANET Concept

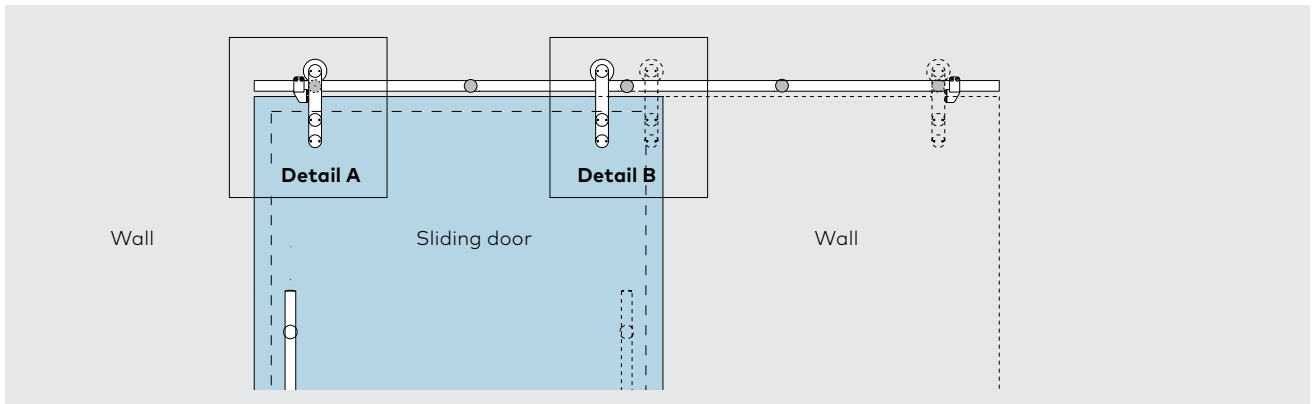
	Features and data	Glass thickness	Art. No.
 <p>15.5 for 8 mm glass 13.5 for 10 mm glass 11.5 for 12 mm glass</p>	<p><b>Aluminum brush profile</b> similar satin stainless steel</p> <p>for glass stock length 3,000 mm</p> <p>fixed length up to 6,000 mm</p> <p>for glass stock length 3,000 mm</p> <p>fixed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

	Features and data	Glass thickness	Art. No.
	<p><b>Corner lock</b> for glass</p> <p><b>Corner lock</b> with profile cylinder rose on the inside for glass</p> <p><b>Dead lock for KABA</b> with rose on the inside for glass</p> <p><b>Profile cylinder</b> for corner lock</p>	<p>8 – 12 mm</p> <p>8 – 12 mm</p> <p>8 – 12 mm</p> <p></p>	<p><b>21.448</b></p> <p><b>21.449</b></p> <p><b>21.450</b></p> <p><b>14.206</b></p>
	<p><b>Eccentric bushing</b> for corner lock</p> <p><b>Bushing,</b> plastic</p>		<p><b>05.194</b></p> <p><b>00.110</b></p>
	<p><b>Strike plate</b></p>		<p><b>05.190</b></p>
	<p><b>Spacer</b> 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><b>29.420</b></p>

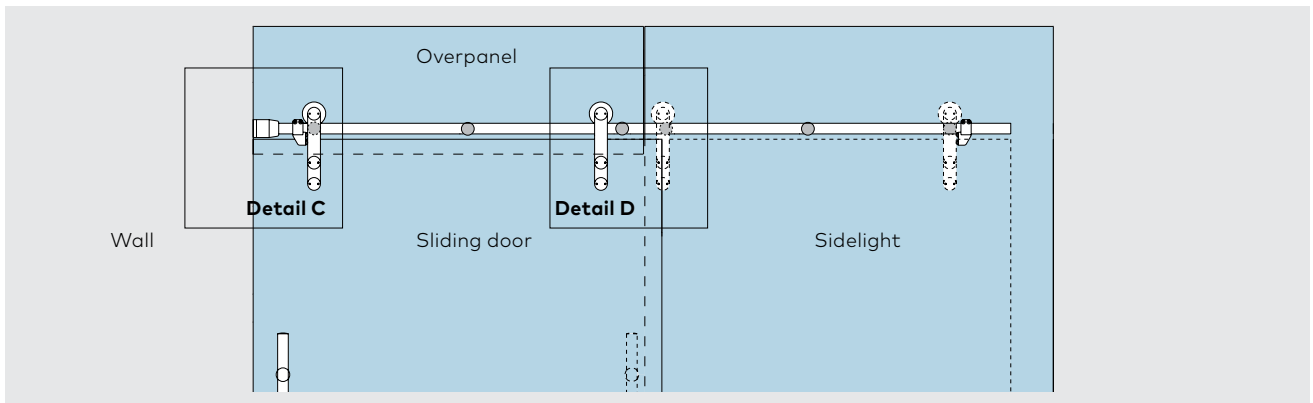


# Glass preparation for sliding door system

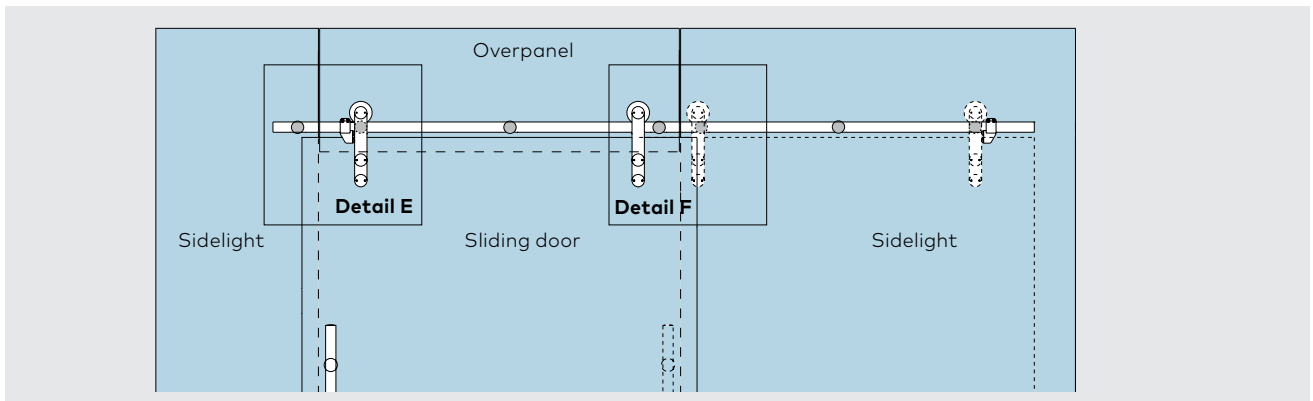
## Sliding door to wall

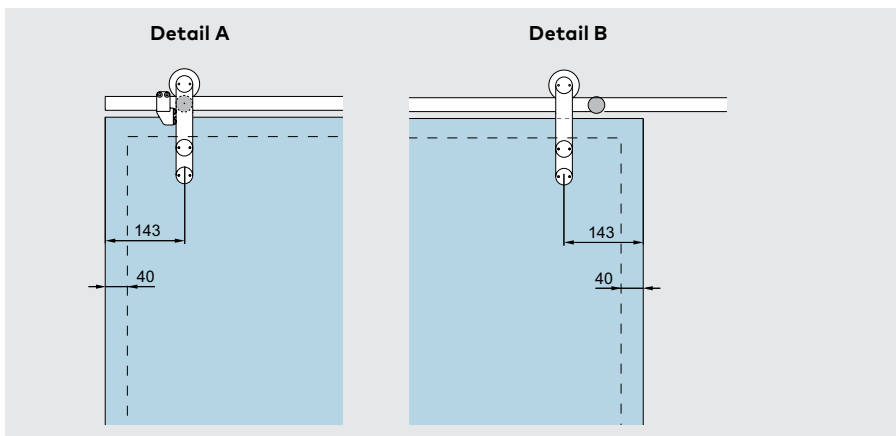


## Sliding door with sidelight and overpanel

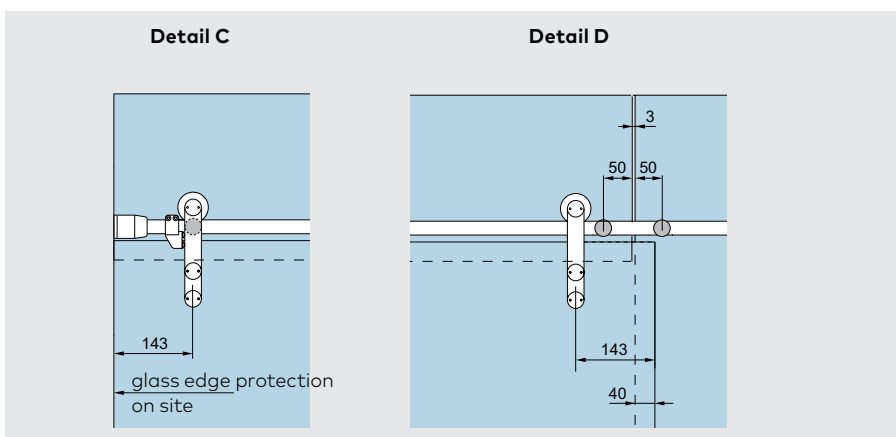
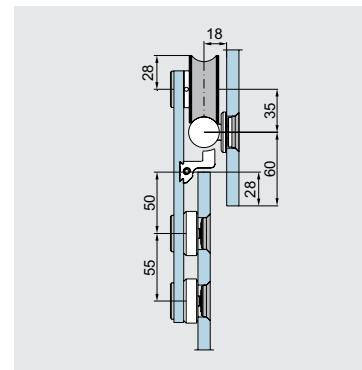


## Sliding door with two sidelights and overpanel

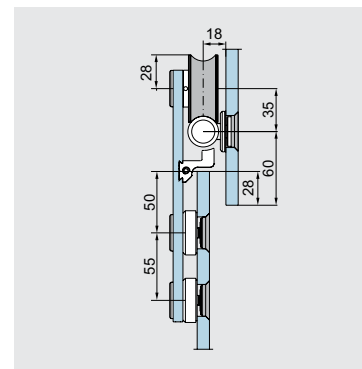




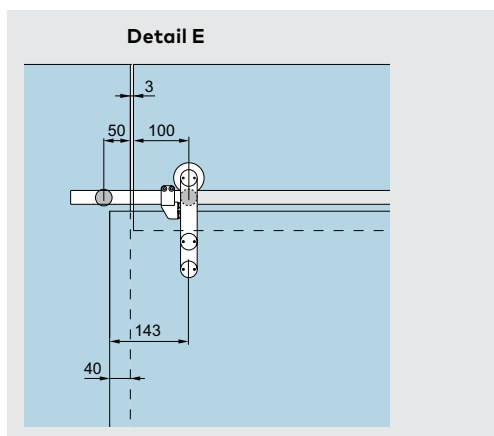
Sliding door with solid track



Sliding door with tubular track and clamp fixing

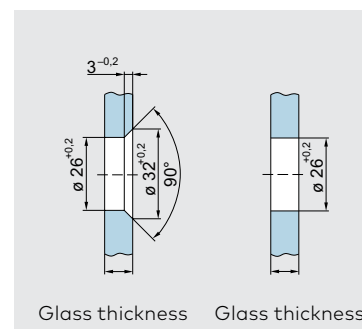


Dimensional data should be regarded exclusively as recommended values. Please remember when designing your system that the positions of the stops and point fixings must not vertically coincide. For spacing/ interval recommendations when drilling the track holes, and for requisite dimensions for fixing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



Countersunk bore for countersunk single-point fixings

Cylindrical bore for clamping disc single-point fixings



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

# Content

## MANET Concept Connection system

142	<b>Connection system</b>
145	<b>Components</b>
146	<b>Glass preparation</b>
160	<b>Accessories</b>
179	<b>Safety-related information</b>



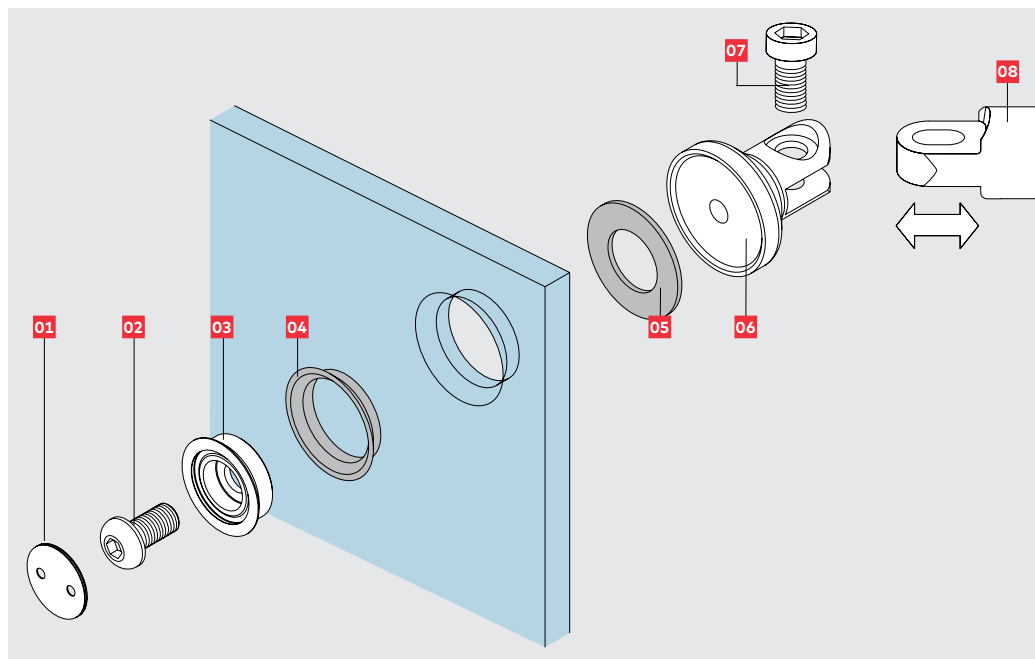
**MANET Concept  
Connection system**

# Connection system

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

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

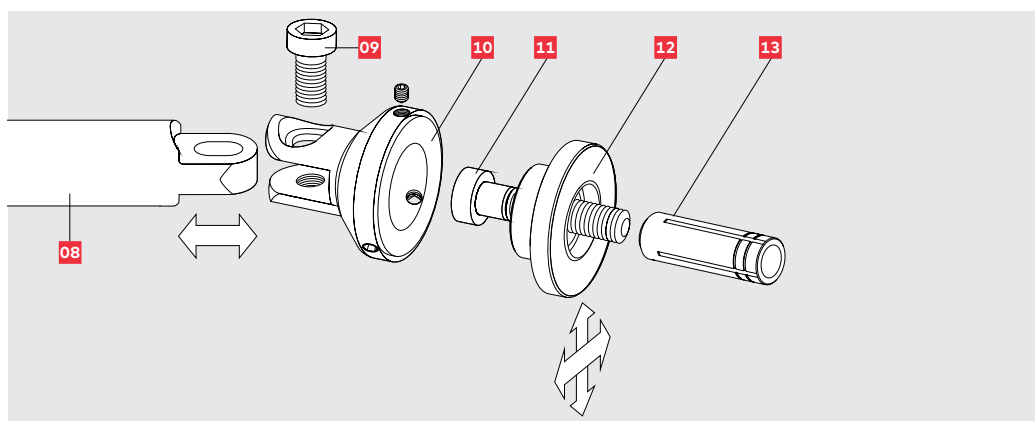
## Glass fixing



### Components

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

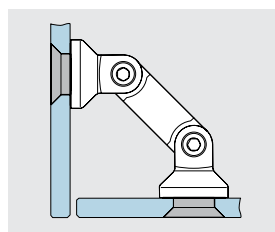
## Wall fixing



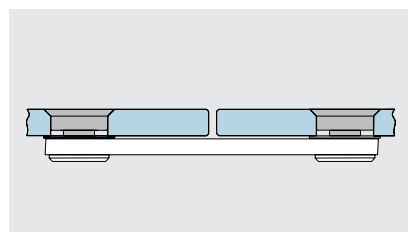
### Components

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

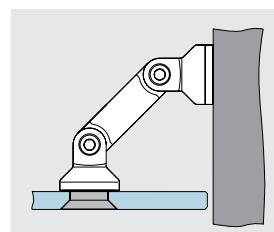
### 90° – 180° Glass / Glass



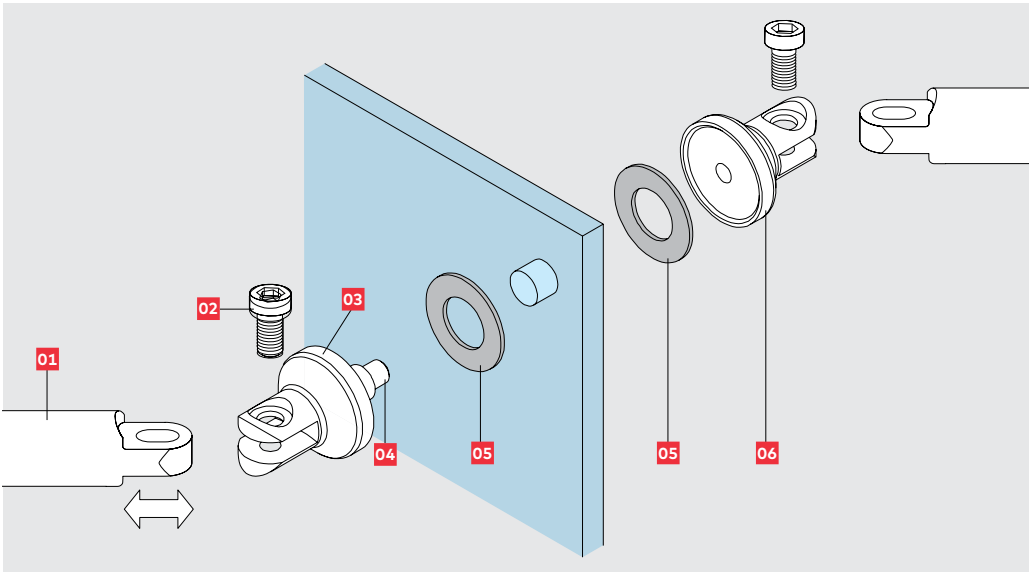
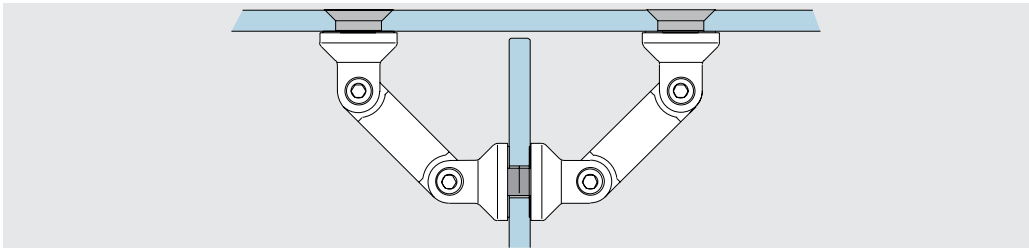
### Glass / Glass Connector



### 90° – 180° Glass / Wall



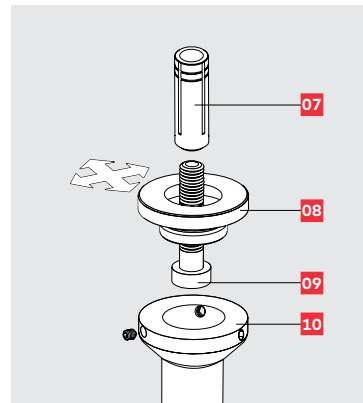
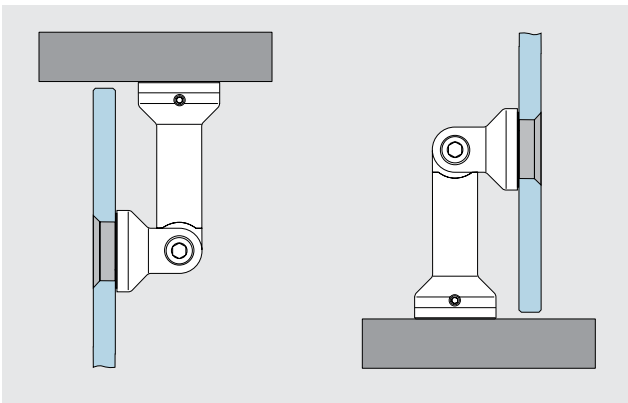
**Clamp connection glass**



**Components**

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

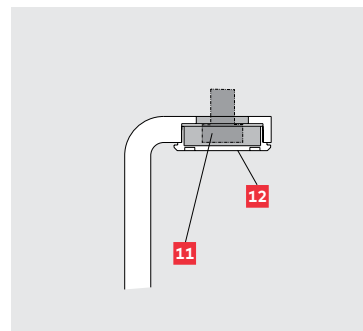
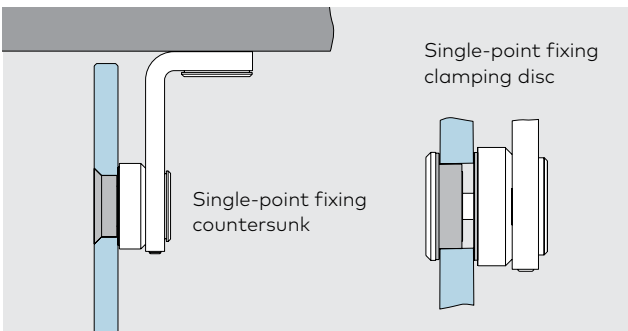
**Connection ceiling / floor**



**Components**

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

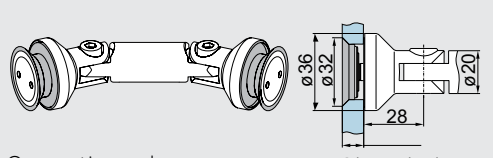
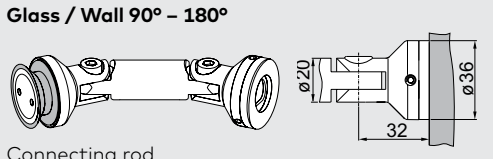
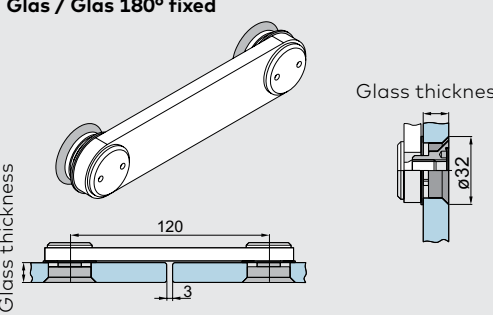
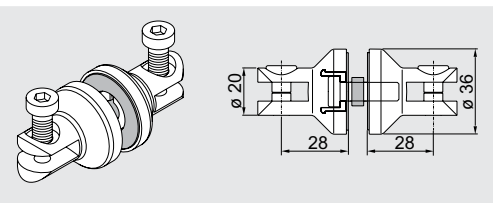
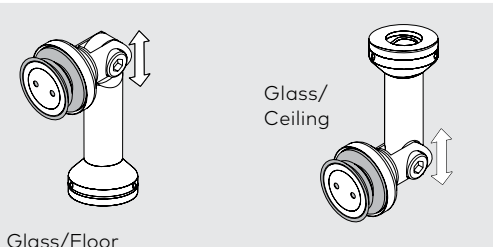
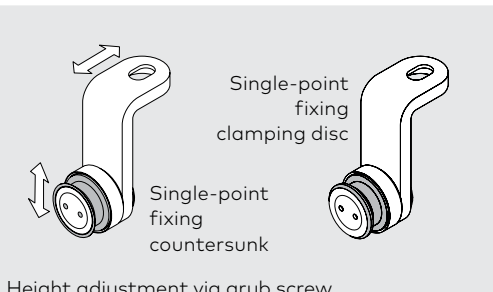
**Alternative connection ceiling**



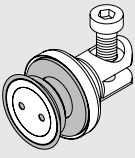
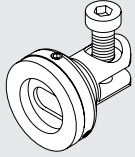
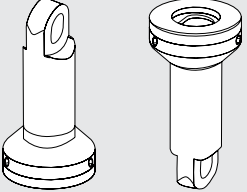
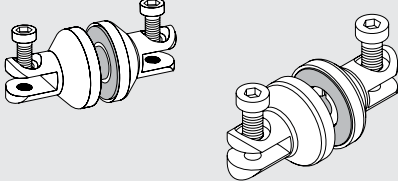
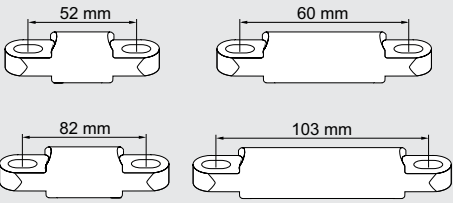
**Components**

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

# Complete fitting

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

# Components

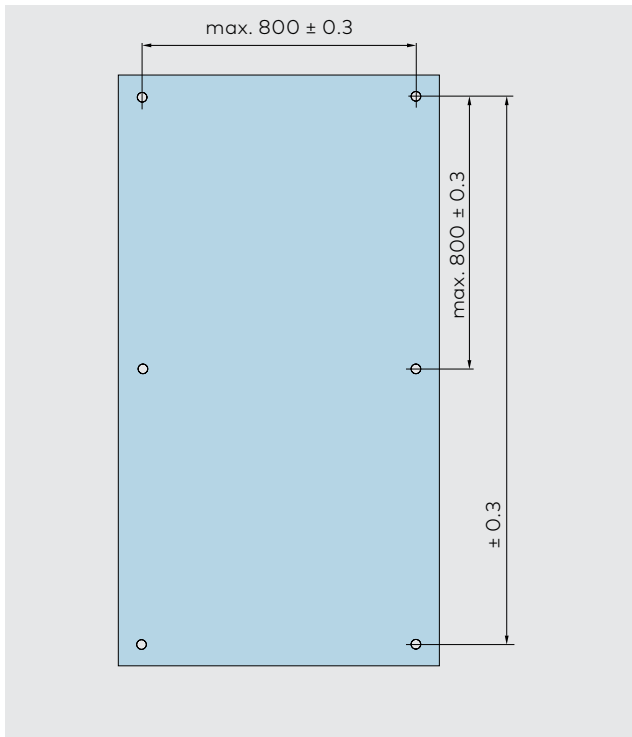
	Features and data	Glass thickness	Art. No.
	<b>Pivoting glass clamp</b> inclusive screw sets for glass	8 – 12/13.5 – 17.5 mm	
	countersunk Also for, clamping disc	17.5 – 21.5 mm	<b>29.160</b> <b>29.165</b>
	<b>Pivoting wall fixing</b>		<b>21.141</b>
	<b>Column</b> Ceiling/floor fixing		<b>21.146</b>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



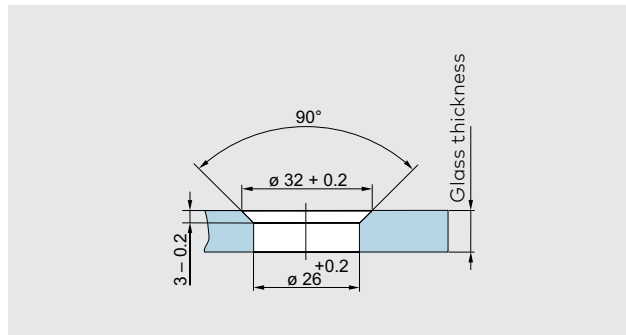
# Glass preparation connection system

For TSG and LSG from TSG.

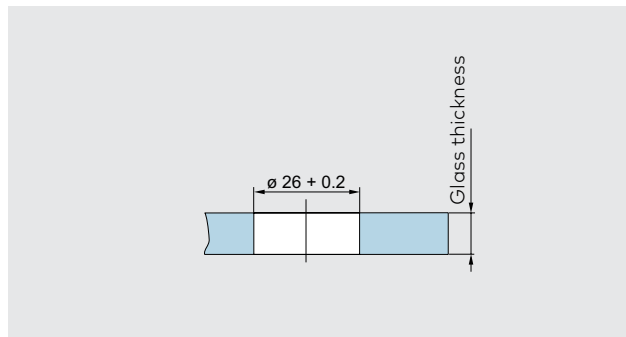
Recommended centers for fixed glazing element



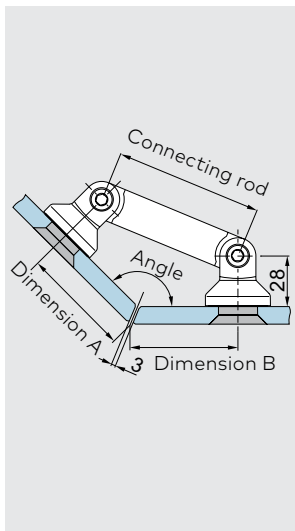
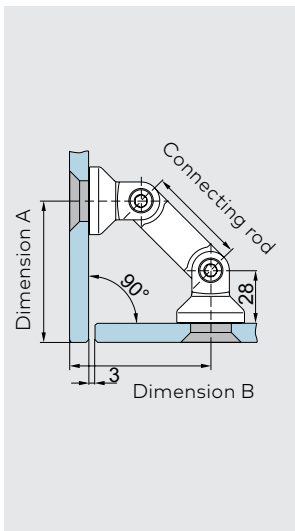
Countersunk bore for countersunk single-point fixings



Cylindrical bore for clamping disc single-point fixings



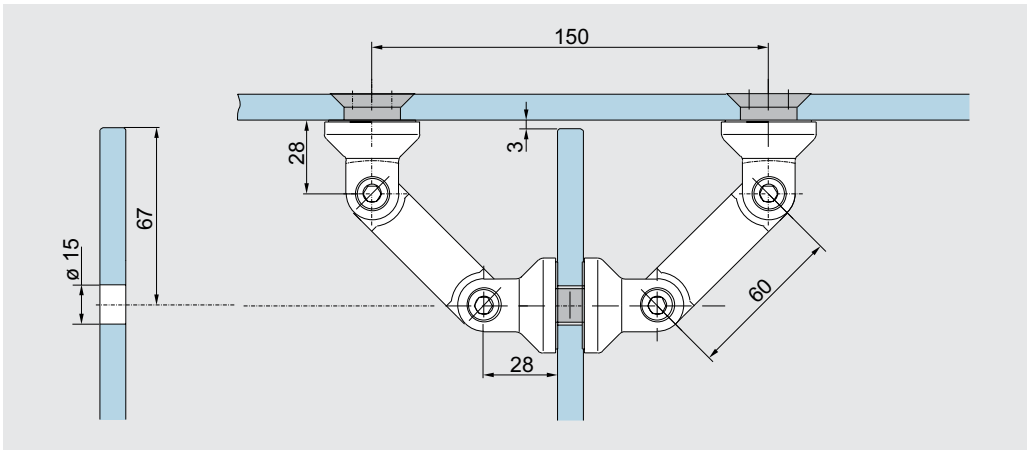
Corner connectors glass / glass 90 – 180°



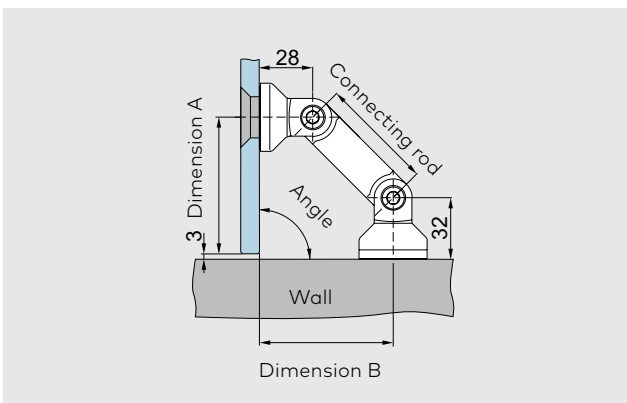
Corner connectors glass / glass (dimensions in mm)

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

**Clamping connector**



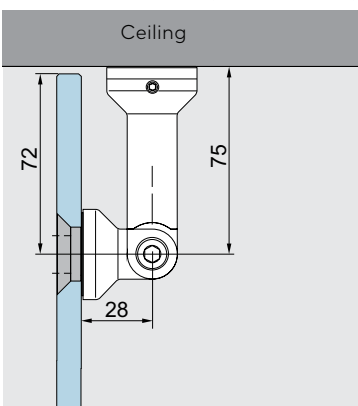
**Corner connectors glass / wall 90 – 180°**



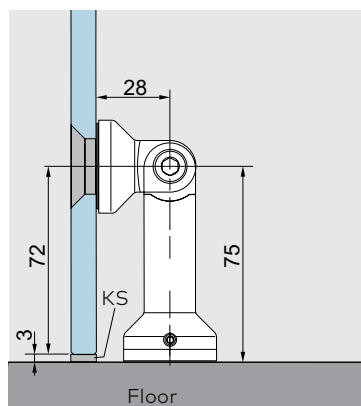
**Glass / wall (dimensions in mm)**

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

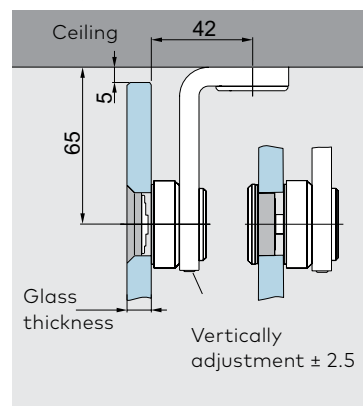
**Corner connector glass / ceiling**



**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

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## **MANET Concept Single-point fixings**

## Single-point fixing serie S32/35

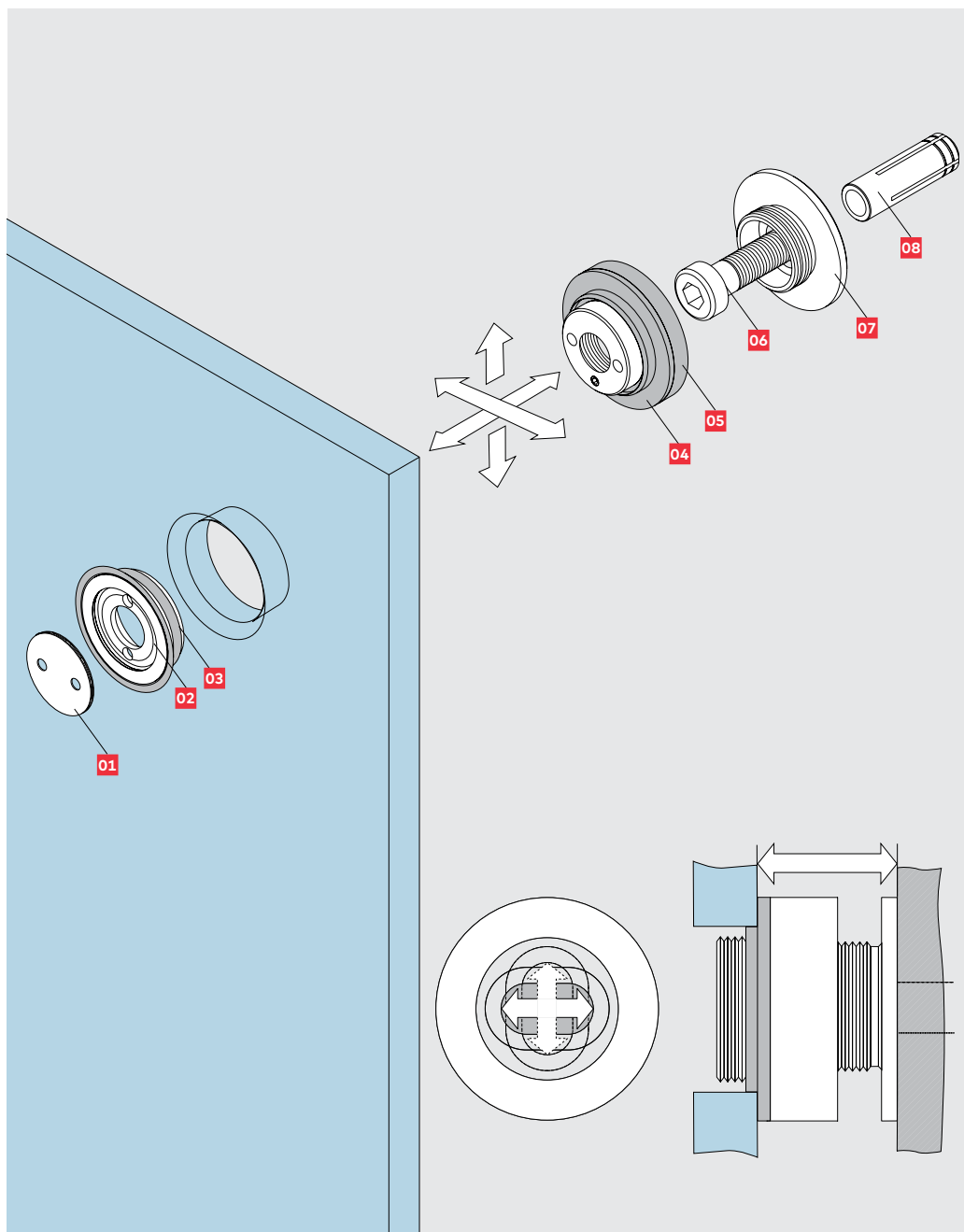


The basic component within the MANET system is the single-point fixing. Rather than cylindrical bore in the glass, this component has a tapered countersunk bore for a perfect seated fit to the glass. These give a flush finish of the single-point fixing in all applications.

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

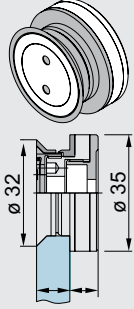
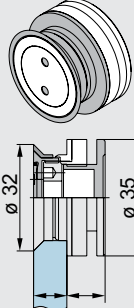
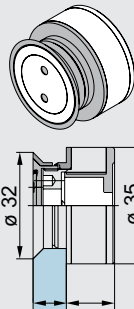
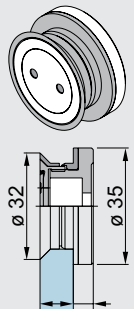
- The fixing and the gasket are wound onto the adjustment screw (7) already fitted to the wall, with the glass panel then being simply mounted over the top.
- The adjustment screw allows the position of the glass to be adjusted in 3 dimensions. An adjustment range of  $\pm 2$  mm in the vertical and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



### Components

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

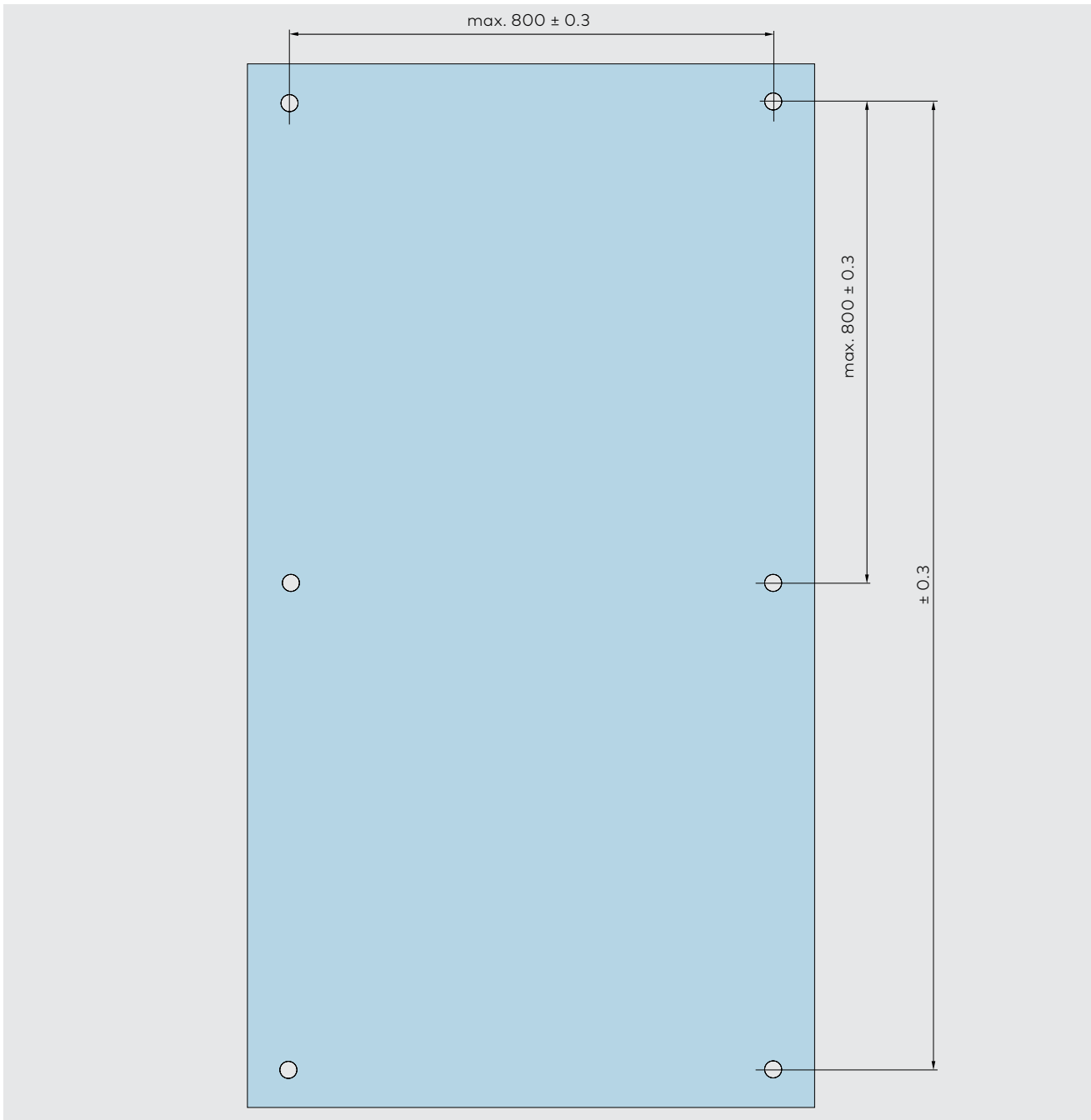
# Types

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

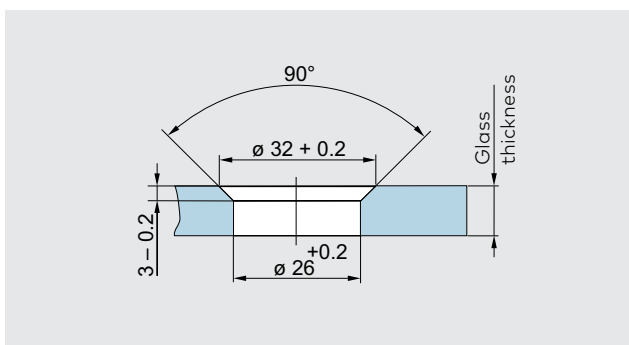
# Glass preparation connection system

For TSG and LSG from TSG.

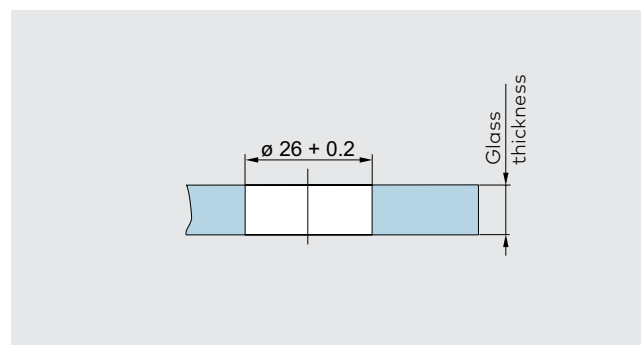
Recommended centers for fixed glazing element



Countersunk bore for countersunk single-point fixings



Cylindrical bore for clamping disc single-point fixings





# Safety-related information

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

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

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

### General information

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

### Mounting

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

### Maintenance

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

### General care instructions

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

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

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

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

Subject to change without notice.



[www.dormakaba.co.uk](http://www.dormakaba.co.uk)

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