



**MANET**  
**Compact**

# MANET Compact sets

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.

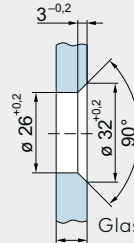
Optional accessories enable the individual sets to be semi-customized. The system components offer numerous adjustment possibilities in order to ensure problem-free installation of whichever door type – swing or single-action or double-action – is required. Wall abutment profiles may need to be provided (by others) for fixing overpanels and sidelights.



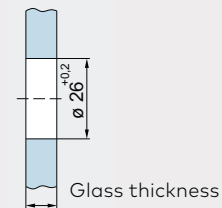
Pivoting fitting short type,  
 max. door panel height 2,500 mm  
 max. door panel width 1,200 mm  
 max. door panel weight 80 kg

Pivoting fitting short type with intermediate tube,  
 max. door panel height 2,500 mm  
 max. door panel width 1,200 mm  
 max. door panel weight 80 kg

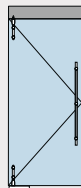
Countersunk bore for countersunk single-point fixings



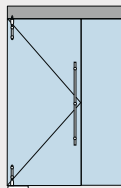
Cylindrical bore for clamping disc single-point fixings



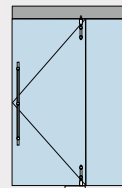
### Pivoting doors set 1



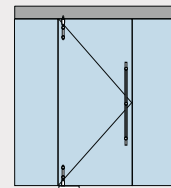
Construction 1 (1 set)



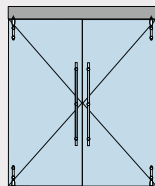
Construction 2 (1 set)



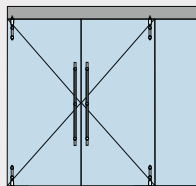
Construction 3 (1 set)



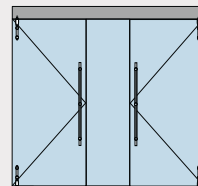
Construction 4 (1 set)



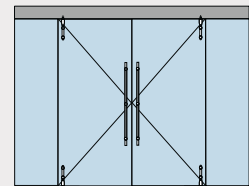
Construction 5 (2 sets)



Construction 6 (2 sets)

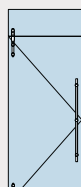


Construction 7 (2 sets)

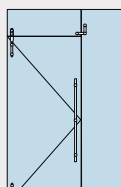


Construction 8 (2 sets)

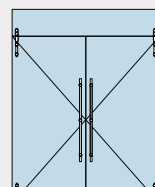
### Pivoting doors with overpanel set 2



Construction 9 (1 set)

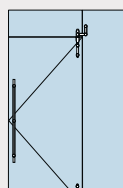


Construction 12 (1 set)

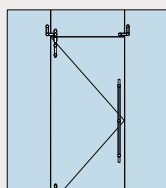


Construction 18 (2 sets)

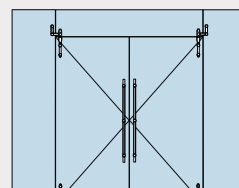
### Pivoting doors with overpanel and sidelight set 3



Construction 13 (1 set)

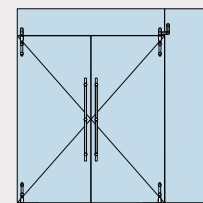


Construction 15 (1 set)



Construction 23 (2 sets)

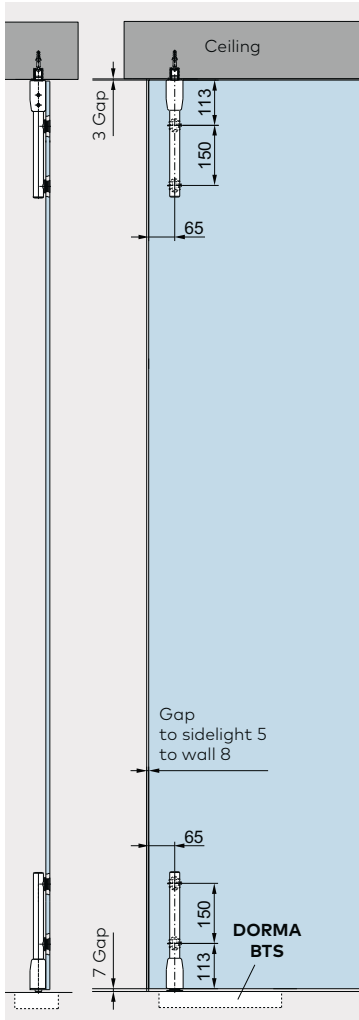
### Drehtüren set 2 + 3



Construction 21 (1 set each)

# Set 1

## Pivoting door MANET Compact without overpanel for 10 – 12 mm glass



Door weight 80 kg  
 Door height max. 2,500 mm  
 Door width max. 1,200 mm  
 TSG 10/12 mm glass thickness

Product description	Art. No.
<b>Set 1</b> with pivot rod pair short type	
<b>Set 1 with single-point fixings countersunk</b> consisting of: pivot rod pair top/bottom, short type	<b>29.910</b>
including: 4 single-point fixings for pivot rods 1 pivot fitting top, 1 PT 25 pin, 15 mm Ø, with plug 1 pivot fitting bottom for DORMA BTS/floor pivot	
<b>Option:</b> <b>Set 1,</b> but for additional intermediate tube in fixed length for pivot rod pair	<b>29.911</b>
Intermediate tube in fixed length	<b>29.555</b>
<b>Please indicate:</b>  Panel height _____ mm - 577 mm = length intermediate tube  _____ mm	

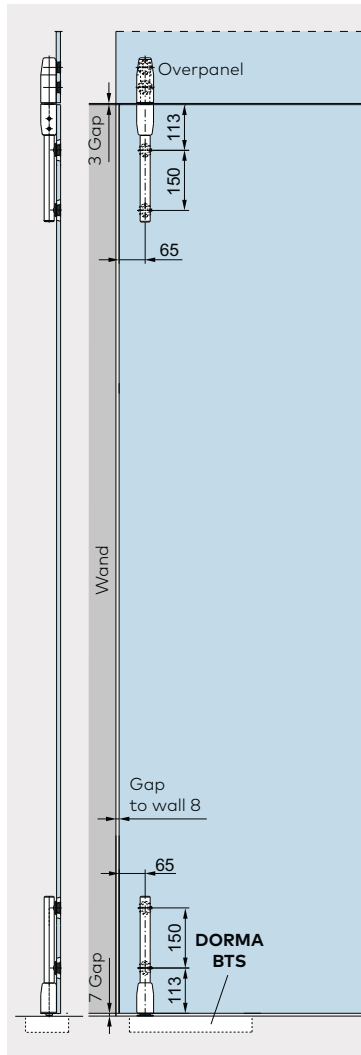
### Accessory options for Set 1

Pull handles	Length	Art. No.
Pull handles	350	<b>29.268</b>
(single-point fixing countersunk)	720	<b>29.271</b>
	1,240	<b>29.274</b>
	1,760	<b>29.277</b>
Pair of pull handles	350	<b>21.267</b>
	720	<b>21.270</b>
	1,240	<b>21.273</b>
	1,760	<b>21.276</b>
<b>Lock</b>		
Corner lock		<b>21.448</b>
Corner lock with rose on one lock side		<b>21.449</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>		
Stop for pivoting door with ceiling mounting		<b>21.334</b>
Ceiling fixing (bearing function)		<b>29.337</b>
Floor pivot bearing		<b>01.106</b>
Assembling tool for MANET single-point fixings		<b>21.134</b>

For the requisite glass preparation please see pages 170 – 171

# Set 2

## Pivoting door MANET Compact with overpanel for 10 – 12 mm glass



Door weight 80 kg  
 Door height max. 2,500 mm  
 Door width max. 1,200 mm  
 TSG 10/12 mm glass thickness

Product description	Art. No.
<b>Set 2</b> with pivot rod pair short type	
<b>Set 2 with single-point fixings countersunk</b> consisting of: pivot rod pair top/bottom, short type	<b>29.912</b>
including: 4 single-point fixings for pivot rods, 1 pivot fitting top, 1 pivot bearing location for overpanel, 1 pivot fitting bottom for DORMA BTS/floor pivot	
<b>Option:</b> <b>Set 2,</b> but with additional intermediate tube in fixed length for pivot rod pair Intermediate tube in fixed length	<b>29.913</b> <b>29.555</b>
<b>Please indicate:</b>  Panel height _____ mm – 577 mm = length intermediate tube  _____ mm	

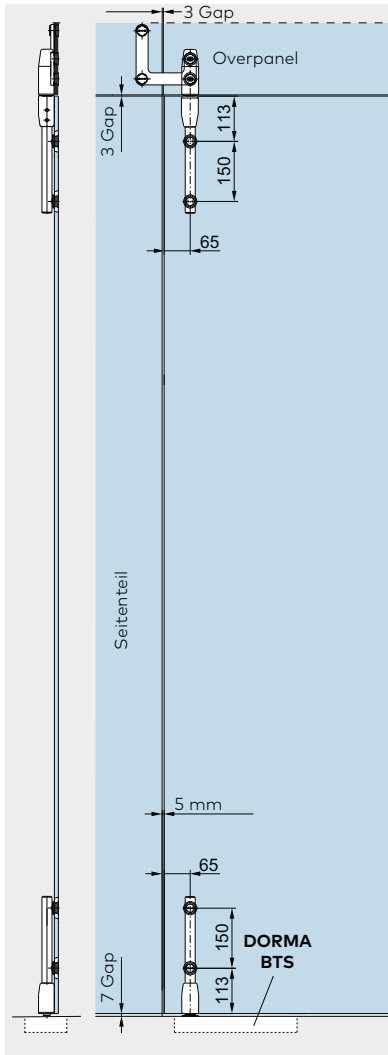
### Accessory options for Set 2

Pull handles	Length	Art. No.
Pull handles	350	<b>29.268</b>
(single-point fixing countersunk)	720	<b>29.271</b>
	1,240	<b>29.274</b>
	1,760	<b>29.277</b>
Pair of pull handles	350	<b>21.267</b>
	720	<b>21.270</b>
	1,240	<b>21.273</b>
	1,760	<b>21.276</b>
Ceiling fixing (bearing function)		<b>29.337</b>
Stop at overpanel, (inside/outside) for 10/12 mm glass		<b>29.335</b>
<b>Lock</b>		
Corner lock		<b>21.448</b>
Corner lock with rose on one lock side		<b>21.449</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>		
Overpanel-sidelight connector for 10/12 mm glass		<b>29.320</b>
Overpanel-sidelight connector with stop inside for 10/12 mm glass		<b>29.322</b>
Overpanel-sidelight connector with stop outside for 10/12 mm glass		<b>29.325</b>
Floor pivot bearing		<b>01.106</b>
Assembling tool for MANET single-point fixings		<b>21.134</b>

For the requisite glass preparation please see pages 170 – 171

# Set 3

## Pivoting door MANET Compact with overpanel for 10 – 12 mm glass



Door weight 80 kg  
 Door height max. 2,500 mm  
 Door width max. 1,200 mm  
 TSG 10/12 mm glass thickness

	Product description	Art. No.
	<b>Set 3</b> with pivot rod pair short type	
	<b>Set 3 with single-point fixings countersunk</b> consisting of: pivot rod pair top/bottom, short type	<b>29.914</b>
	einschließlich: 4 single-point fixings for pivot rods, 1 pivot fitting top, 1 overpanel-sidelight connector with pivot bearing location, 1 pivot fitting bottom for DORMA BTS/floor pivot	
	<b>Option:</b> <b>Set 3,</b> but with additional intermediate tube in fixed length for pivot rod pair Intermediate tube in fixed length	<b>29.915</b> <b>29.555</b>
	<b>Please indicate:</b>	
	Panel height _____ mm – 577 mm = length intermediate tube _____ mm	

### Accessory options for Set 3

	Length	Art. No.
<b>Pull handles</b>		
Pull handles	350	<b>29.268</b>
(single-point fixing countersunk)	720	<b>29.271</b>
	1,240	<b>29.274</b>
	1,760	<b>29.277</b>
Pair of pull handles	350	<b>21.267</b>
	720	<b>21.270</b>
	1,240	<b>21.273</b>
	1,760	<b>21.276</b>
Ceiling fixing (bearing function)		<b>29.337</b>
Stop at overpanel, (inside/outside) for 10/12 mm glass		<b>29.335</b>
<b>Lock</b>		
Corner lock		<b>21.448</b>
Corner lock with rose on one lock side		<b>21.449</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>		
Overpanel-sidelight connector for 10/12 mm glass		<b>29.320</b>
Overpanel-sidelight connector with stop inside for 10/12 mm glass		<b>29.322</b>
Overpanel-sidelight connector with stop outside for 10/12 mm glass		<b>29.325</b>
Floor pivot bearing		<b>01.106</b>
Assembling tool for MANET single-point fixings		<b>21.134</b>

For the requisite glass preparation please see pages 170 – 171

# Content

## MANET Concept

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

For damp room or external applications (but not for saunas or swimming pools), especially 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 according to DIN EN 1993-1-4, annexe A 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.



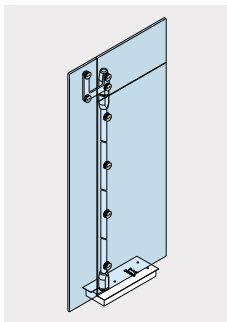


# MANET Concept

# Pivoting door system

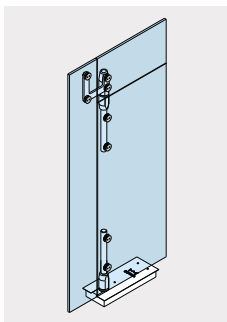
MANET pivoting doors can be installed in both glass partitions and masonry openings. They come as both single and double-action swing doors. All the single-point fixings are designed for clip-on covers for easier installation. Other components include the bottom pivot bearing, top pivot fittings with bearing spigot or eccentric bushing and also overpanel/ sidelight connectors.

As a result, there are almost unlimited possibilities for inte-grating frameless swing doors both in masonry openings – with or without overpanels and sidelights – and in glass partition constructions retained by single-point fixings. Whether with a full-length pivot rod or a pair of shorter pivot rods, the top bearing socket is located in the fitting on the door leaf. This means that connection to the ceiling, lintel or transom can now be provided in the form of the standard PT25 top pivot spigot from the dormakaba range. The door assemblies can be equipped with floor springs such as the DORMA BTS 75V or BTS 84, and corner locks are naturally also available.

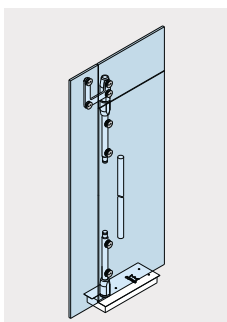


Pivot bearing with full-length pivot rod, max. door panel height 3,000 mm max. door panel width 1,200 mm max. door panel weight 100 kg

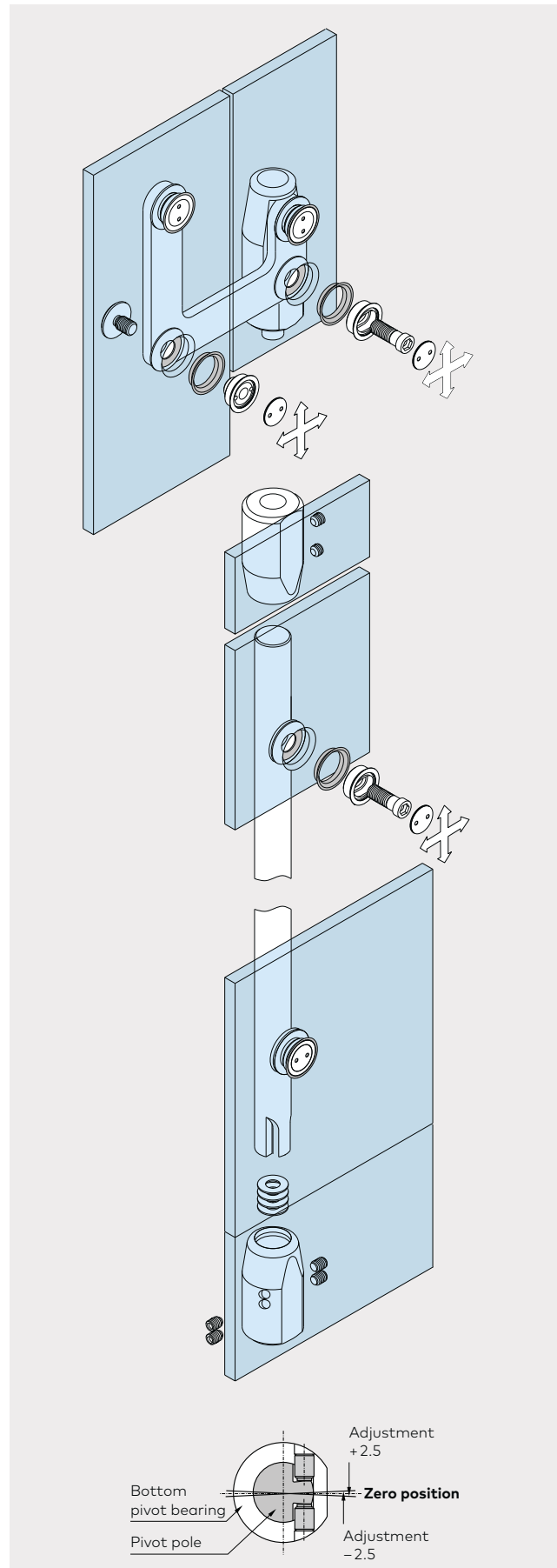
From a door panel height of 2,700 mm a fifth single-point fixing is recommended.



Pivot bearing with pivot rod pair short type, max. door panel height 2,500 mm max. door panel width 1,200 mm max. door panel weight 80 kg

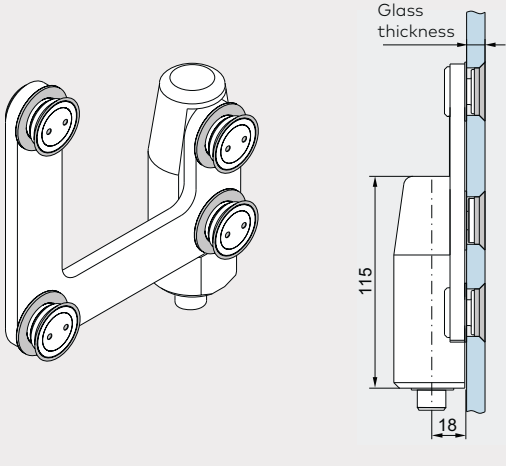
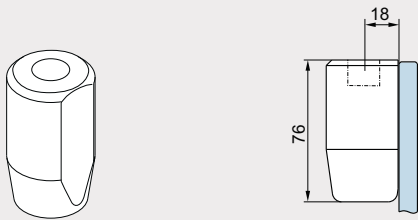
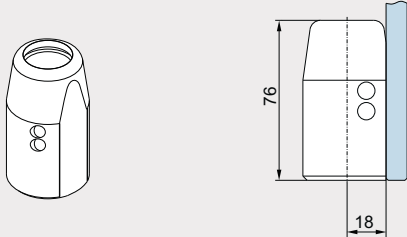


Pivot bearing with pivot rod pair short type with intermediate tube, max. door panel height 2,500 mm max. door panel width 1,200 mm max. door panel weight 80 kg



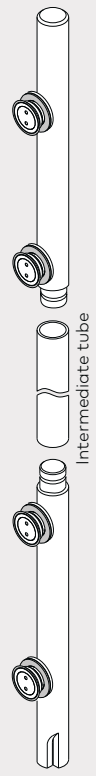

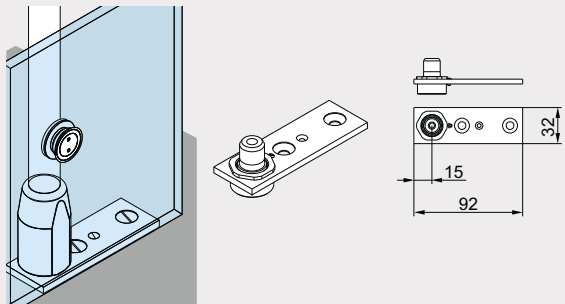


# Components for pivoting door system

	Product description	Glass thickness	Art. No.
	<p><b>Overpanel / sidelight connector</b> complete fitting countersunk</p> <p>AISI 316L</p> <p>clamping disc</p>	<p>10, 12 mm</p>	<p><b>29.330</b></p> <p><b>29.362</b></p> <p><b>29.356</b></p>
	<p><b>Pivot bearing for overpanel and ceiling connection</b></p> <p>AISI 316L</p>		<p><b>21.310</b></p> <p><b>21.350</b></p>
	<p><b>Pivot bearing</b> for DORMA BTS (max. 4 EN) / floor pivot</p> <p>AISI 316L</p>		<p><b>29.545</b></p> <p><b>29.550</b></p>

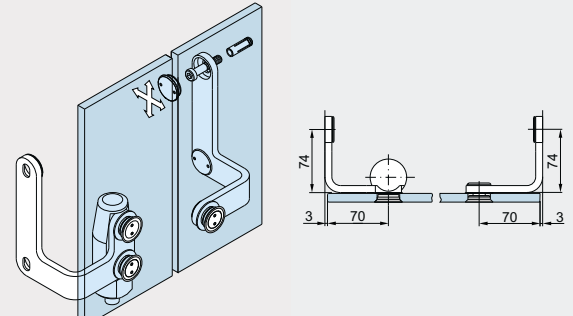
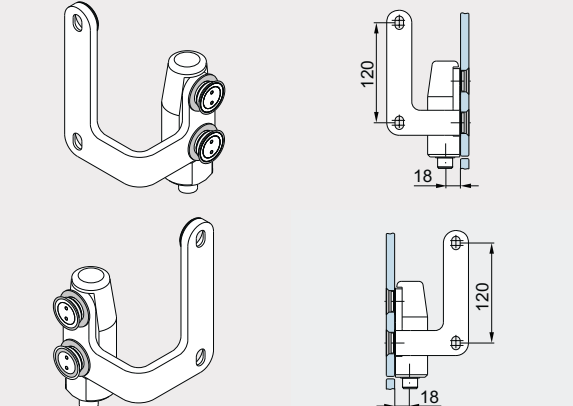
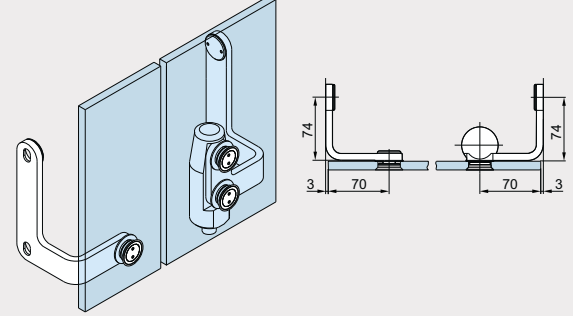
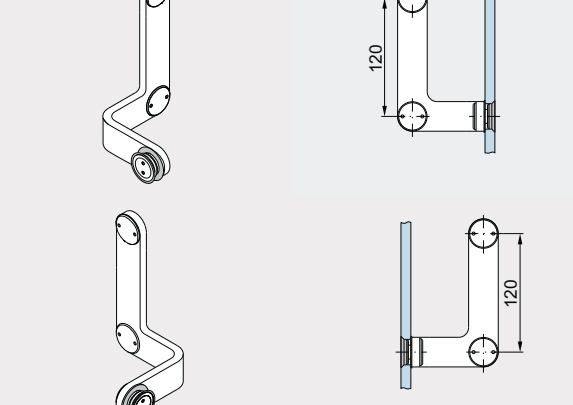
# Components for pivoting door system

	Product description	Glass thickness	Art. No.
	<b>Pivot rod,</b> drilled, fixed length		<b>29.551</b>
	<b>Single-point fixing, countersunk, fixed (1)</b>	10, 12 mm	<b>29.460</b>
	AISI 316L		<b>29.461</b>
		13.5–15.5 mm	<b>29.450</b>
	<b>clamping disc, fixed (1)</b>	10, 12 mm	<b>29.465</b>
	AISI 316L		<b>29.466</b>
	<b>Single-point fixing, countersunk, centering (2)</b>	10, 12 mm	<b>29.462</b>
AISI 316L		<b>29.463</b>	
	13.5–15.5 mm	<b>29.455</b>	
<b>clamping disc, centering (2)</b>	10, 12 mm	<b>29.467</b>	
<p>From a door panel height of 2,700 mm a fifth single-point fixing is recommended.</p>			
	<b>Pivot rod set, short type top/bottom,</b> incl. 4 single-point fixings		
	<b>countersunk</b>		<b>29.546</b>
	AISI 316L		<b>29.547</b>
	<b>clamping disc</b>		<b>29.560</b>
	AISI 316L		<b>29.561</b>

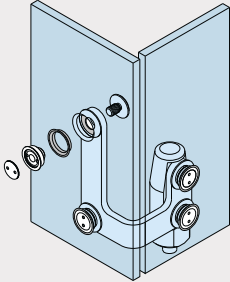
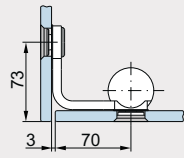
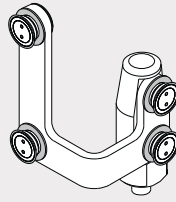
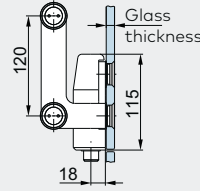
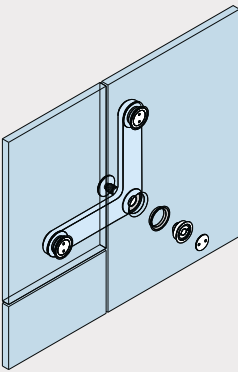
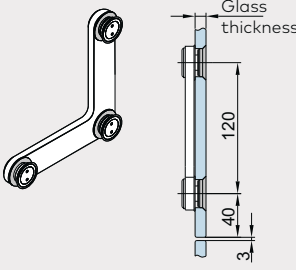
	Product description	Art. No.
	<p><b>Pivot rod set, short type top / bottom,</b> for intermediate tube, inclusive 4 single-point fixings</p> <p><b>countersunk</b> AISI 316L</p> <p><b>clamping disc</b> AISI 316L</p> <p><b>Intermediate tube</b> fixed length up to 2,000 mm AISI 316L</p>	<p><b>29.548</b></p> <p><b>29.549</b></p> <p><b>29.562</b></p> <p><b>29.563</b></p> <p><b>29.555</b></p> <p><b>29.557</b></p>
	<p><b>Pivot bearing for humid rooms</b> max. panel weight 60 kg AISI 316L</p>	<p><b>29.540</b></p>
	<p><b>Floor pivot</b></p>	<p><b>01.106</b></p>

# Components for pivoting door system

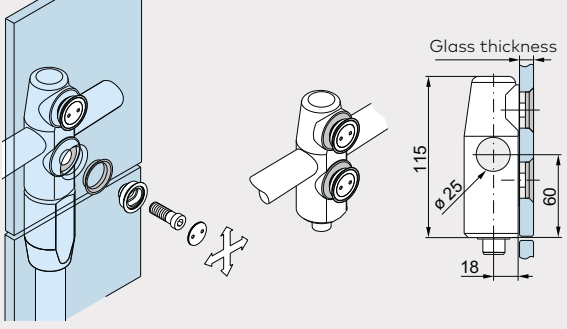
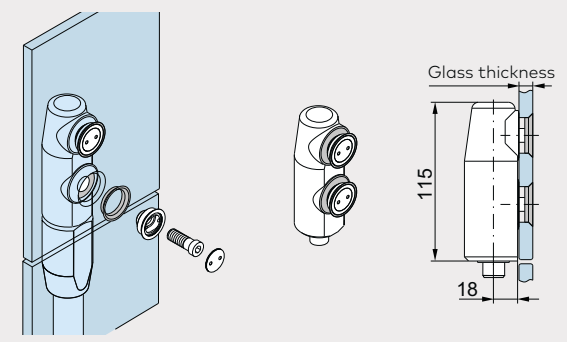
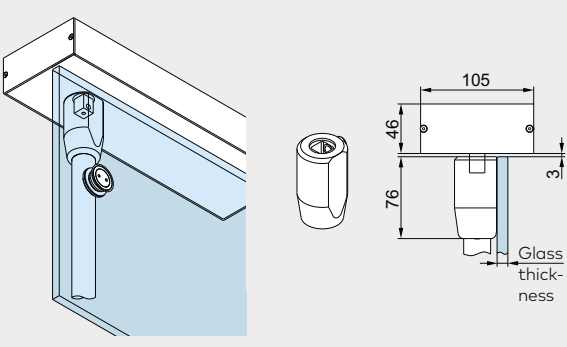
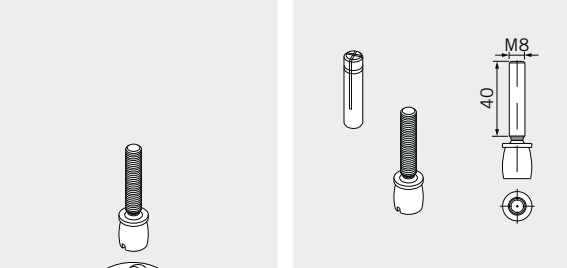
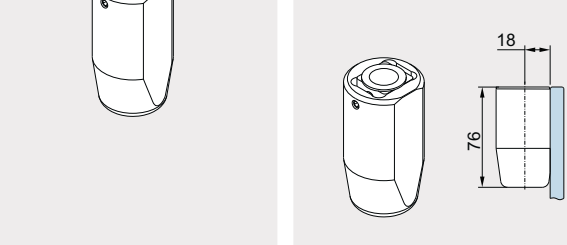
## Wall fixing

	Product description	Glass thickness	Art. No.
	<p><b>Overpanel / sidelight connector for wall fixing</b>                      90° offset,                      with pivot bearing location,                      complete fitting</p> <p><b>right hand</b></p>	<p>10, 12 mm</p>	<p><b>29.328</b></p>
	<p><b>Overpanel / sidelight connector for wall fixing</b>                      90° offset,                      complete fitting</p> <p><b>left hand</b></p>	<p>10, 12 mm</p>	<p><b>29.329</b></p>
	<p><b>Overpanel / sidelight connector for wall fixing</b>                      90° offset,                      complete fitting</p> <p><b>right hand</b></p>	<p>10, 12 mm</p>	<p><b>29.326</b></p>
	<p><b>Overpanel / sidelight connector for wall fixing</b>                      90° offset,                      complete fitting</p> <p><b>left hand</b></p>	<p>10, 12 mm</p>	<p><b>29.327</b></p>

Glass fixing

		Product description	Glass thickness	Art. No.
		<p><b>Overpanel / sidelight connector for glass fixing</b>                      90° offset,                      with pivot bearing location,                      complete fitting</p>		
		<p><b>right hand</b></p>	10, 12 mm	<b>29.331</b>
		<p><b>Overpanel / sidelight connector for glass fixing</b>                      90° offset,                      with pivot bearing location,                      complete fitting</p>		
		<p><b>left hand</b></p>	10, 12 mm	<b>29.332</b>
		<p><b>Overpanel / sidelight connection countersunk</b>                      clamping disc</p>	10, 12 mm	<b>29.320</b>
				<b>29.357</b>

# Components for pivoting door system

	Product description	Glass thickness	Art. No.
	<p><b>Pivot bearing fitting for overpanel with cylindrical bore for rod countersunk</b></p>	8-12 mm	<b>29.354</b>
	<p><b>Pivot bearing location for overpanel countersunk</b></p> <p>AISI 316L</p>	8-12 mm	<b>29.333</b> <b>29.353</b>
	<p><b>Pivot bearing for RTS</b></p> <p><b>Pivot pole, drilled, fixed length, for RTS pivot bearing 29.314</b></p>		<b>29.314</b> <b>29.553</b>
	<p><b>PT 25 pin</b> for ceiling connection,</p>		<b>01.115</b>
	<p><b>Pivot bearing for installation to ceiling adjustable</b></p> <p>AISI 316L</p>	8-12 mm	<b>21.319</b> <b>21.318</b>

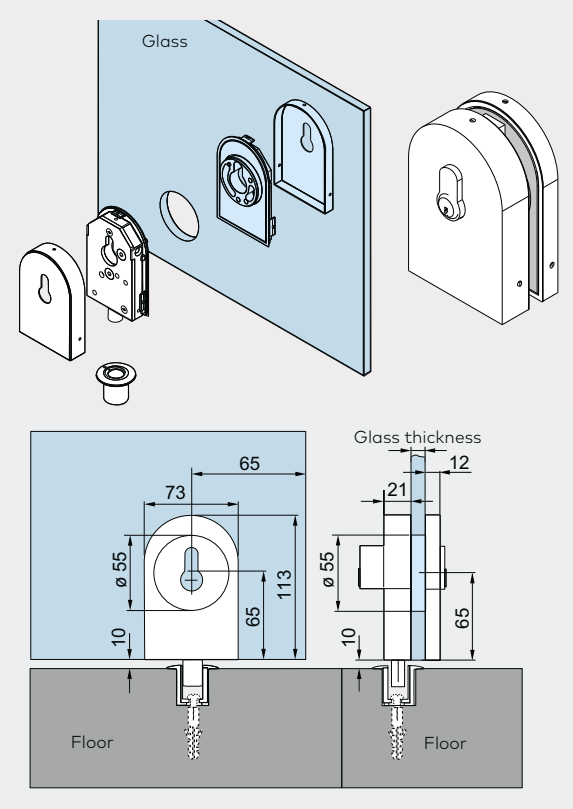
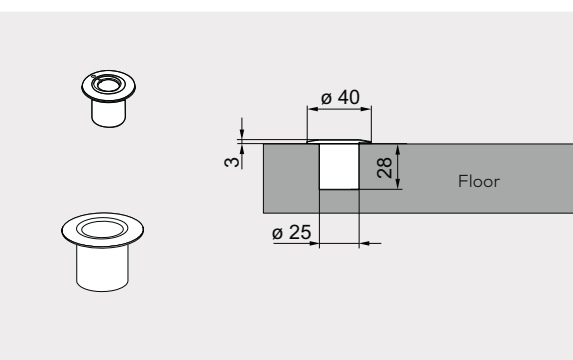
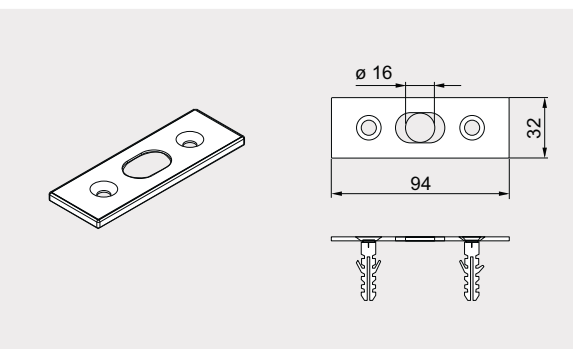


# Accessories

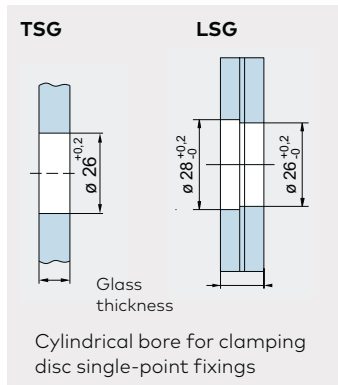
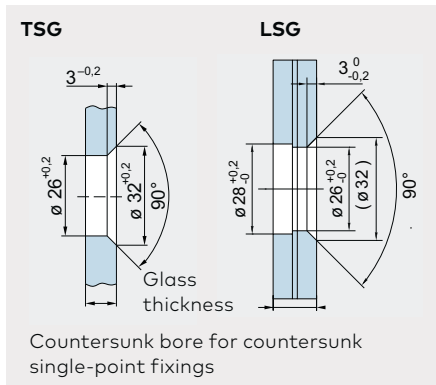
	Product description	Glass thickness	Art. No.
	<p><b>Stop for pivoting door</b> with ceiling mounting</p>		<p><b>21.334</b></p>
	<p><b>Stop at overpanel</b> (inside/outside)</p>	<p>10, 12 mm</p>	<p><b>29.335</b></p>
	<p><b>Overpanel / sidelight connection</b> with stop inside countersunk</p>	<p>10, 12 mm</p>	<p><b>29.322</b></p>
	<p><b>Overpanel / sidelight connection</b> with stop outside countersunk</p>	<p>10, 12 mm</p>	<p><b>29.325</b></p>

# Accessories

	Product description	Art. No.
	<p><b>Stop for pivoting door</b> floor mounting</p>	<p><b>29.950</b></p>
	<p><b>Stop for pivoting door</b> wall mounting, short</p>	<p><b>29.951</b></p>
	<p><b>Stop for pivoting door</b> wall mounting, long</p>	<p><b>29.952</b></p>

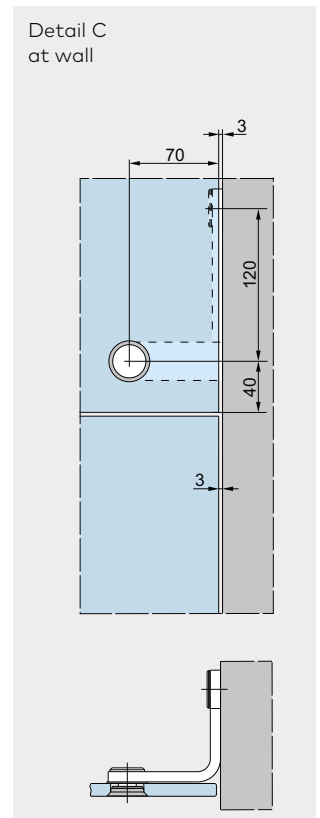
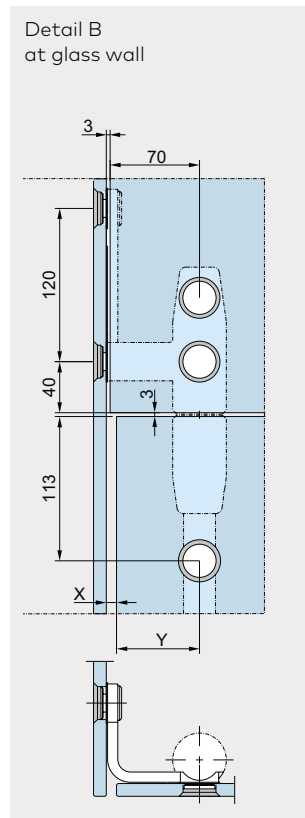
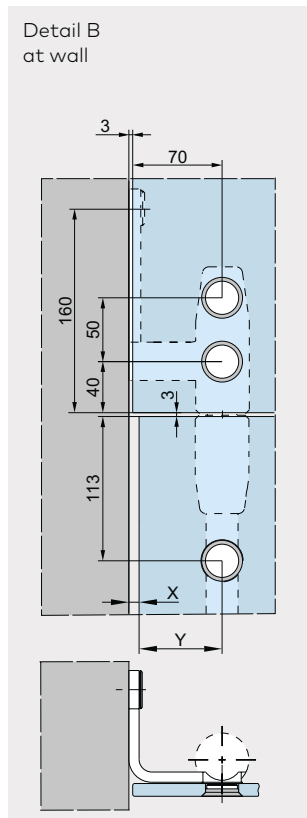
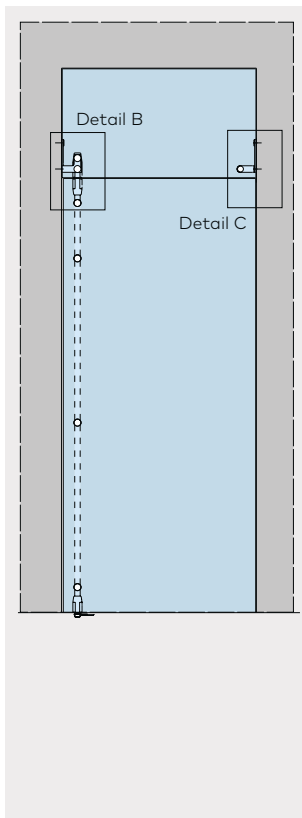
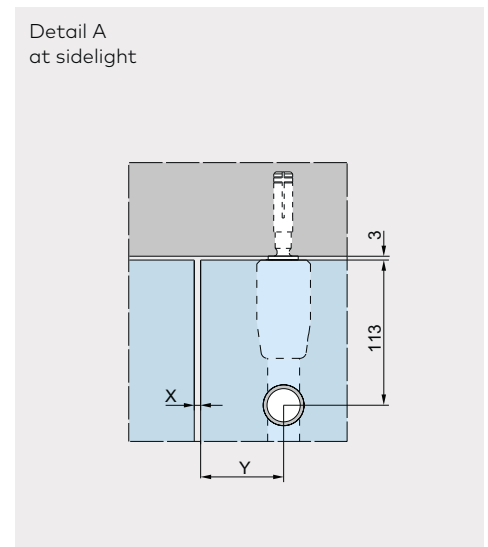
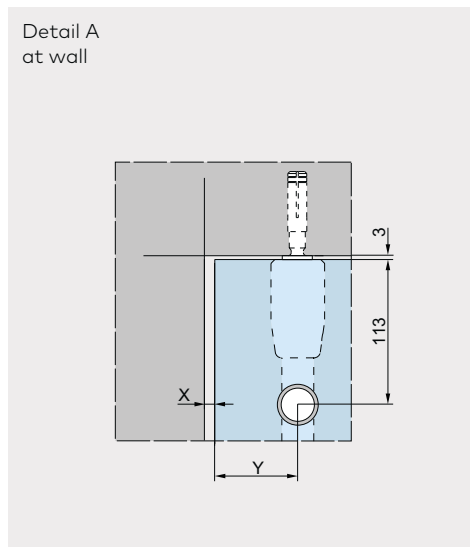
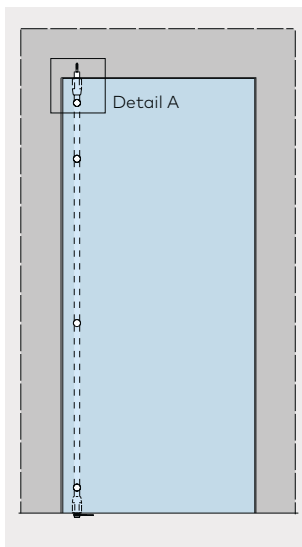
	Product description	Glass thickness	Art. No.
 <p>The top part of the drawing shows an exploded view of a corner lock assembly on a glass panel. The glass is labeled 'Glass'. Below it, a cross-section shows the lock assembly mounted on a 'Floor'. Dimensions include a glass thickness of 12 mm, a lock body width of 21 mm, and a mounting height of 65 mm. A circular detail shows a hole with a diameter of 55 mm and a depth of 10 mm. The overall width of the lock assembly is 73 mm, and the distance from the floor to the top of the lock is 113 mm.</p>	<p><b>Corner lock</b></p>	<p>8–12 mm</p>	<p><b>21.448</b></p>
	<p><b>Corner lock</b> with profile cylinder rose on inside</p>	<p>8–12 mm</p>	<p><b>21.449</b></p>
	<p><b>Dead lock for KABA with rose</b> on inside</p>	<p>8–12 mm</p>	<p><b>21.450</b></p>
	<p><b>Profile cylinder</b> for corner lock</p>		<p><b>14.206</b></p>
 <p>The top part shows two views of an eccentric bushing. The bottom part shows a cross-section of a plastic bushing installed in a 'Floor'. The bushing has an outer diameter of 40 mm and an inner diameter of 25 mm. The height of the bushing is 3 mm, and the depth of the hole it fits into is 28 mm.</p>	<p><b>Eccentric bushing</b> for corner lock</p>		<p><b>05.194</b></p>
	<p><b>Bushing,</b> plastics</p>		<p><b>00.110</b></p>
 <p>The drawing shows a perspective view and a cross-section of a strike plate. The cross-section shows a rectangular plate with a width of 94 mm and a height of 32 mm. It has two circular holes with a diameter of 16 mm. The plate is shown being mounted to a surface with two screws.</p>	<p><b>Strike plate</b></p>		<p><b>05.190</b></p>

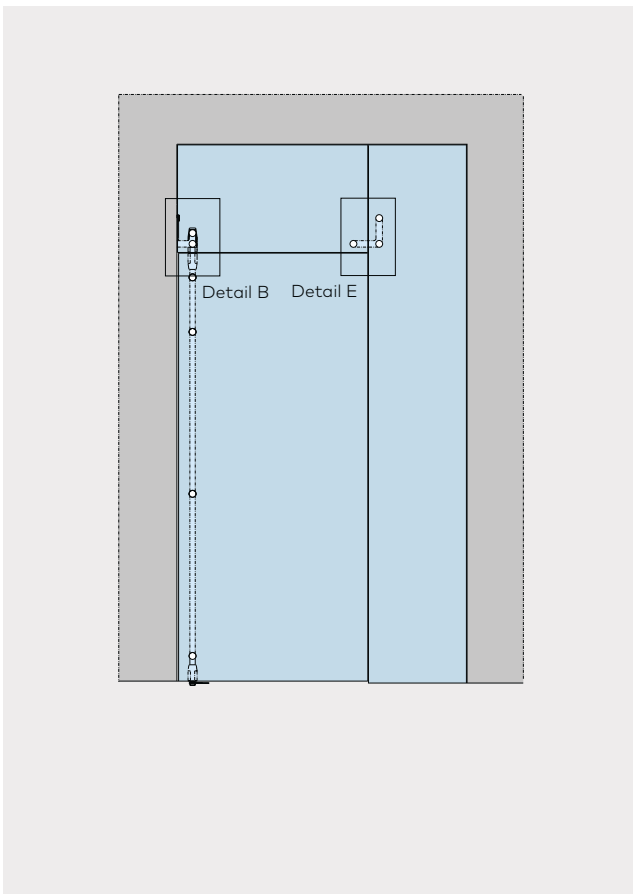
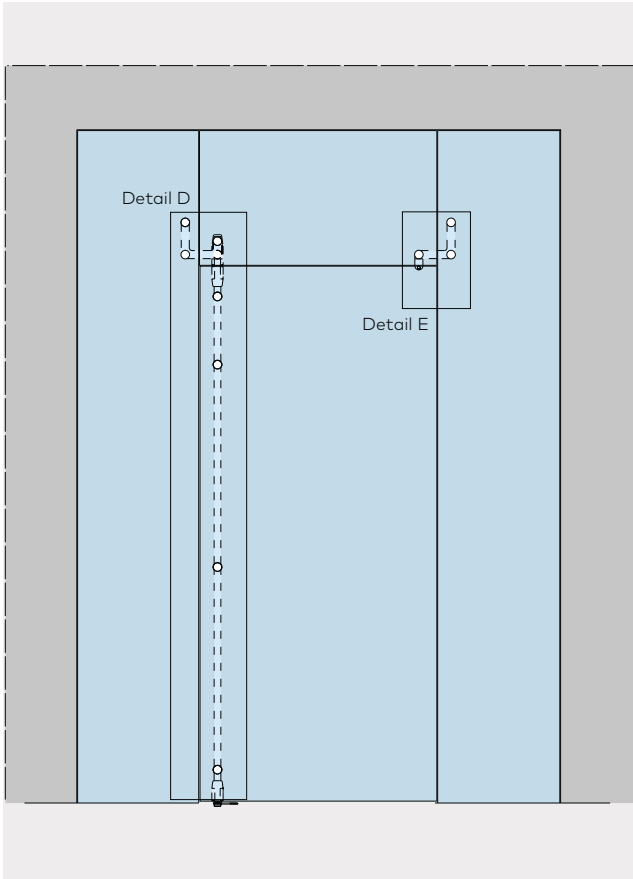
# Glass preparation for pivoting door system



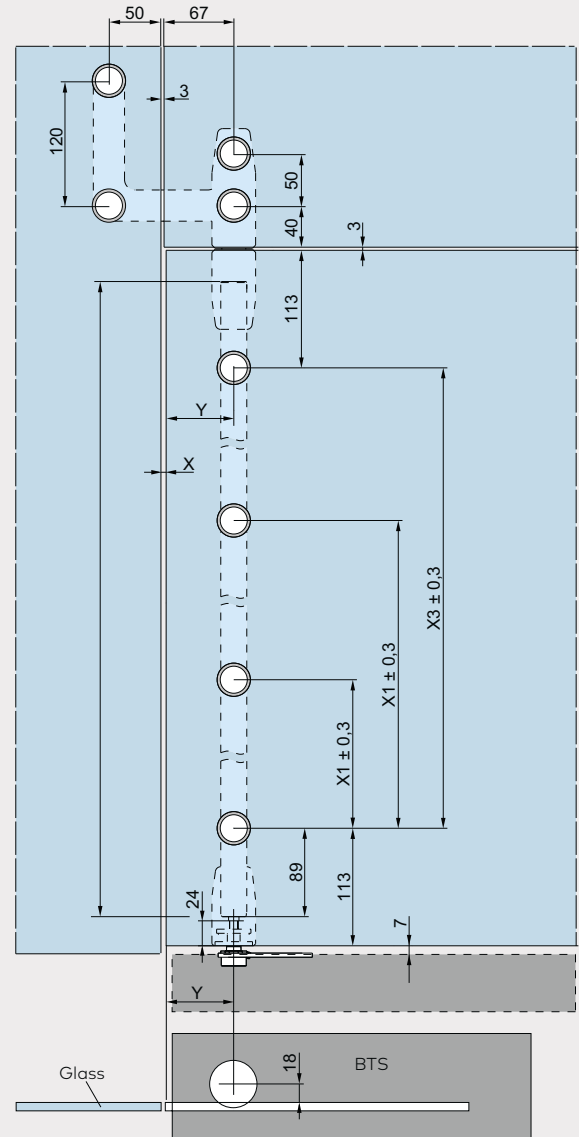
The gap and distance dimensions recommended by dormakaba are indicated in the adjacent table.

Glass thickness mm	Connection	X Gap	Y
10/12	Sidelight	5	65
	Wall	8	
13.5–15.5	Sidelight	8	62
	Wall	11	

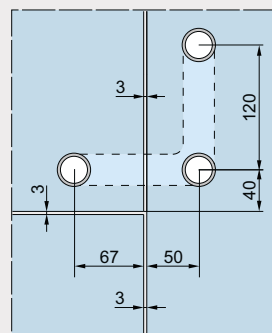




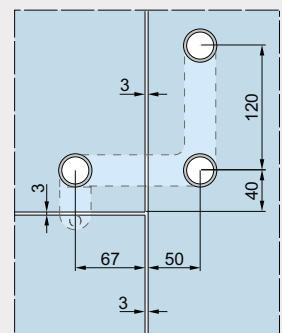
Detail D



Detail E



Detail E with stop



# Content

## MANET Concept Connection system

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178	<b>Glass preparation</b>
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246	<b>Safety-related information</b>





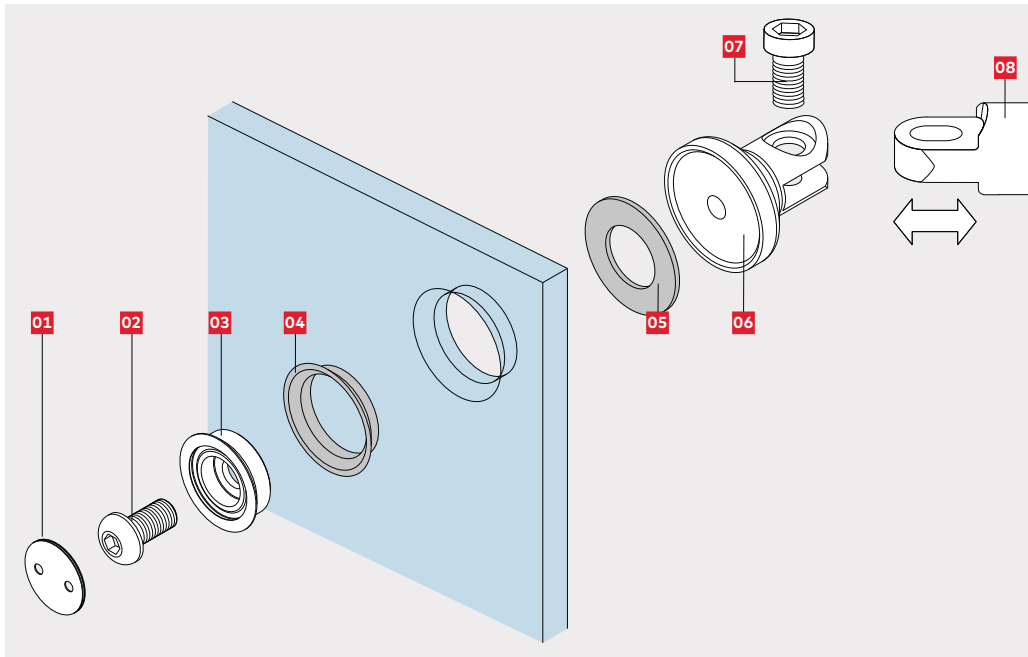
**MANET Concept  
Connection system**

# 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.

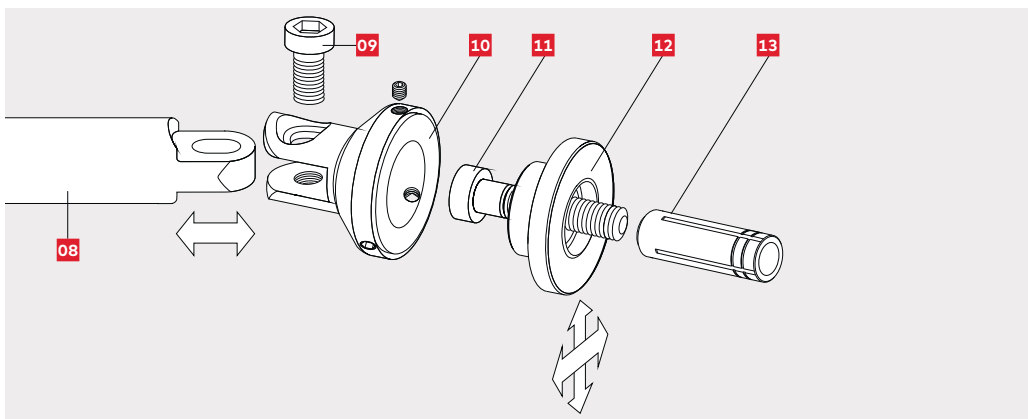
## Glass fixing



### 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

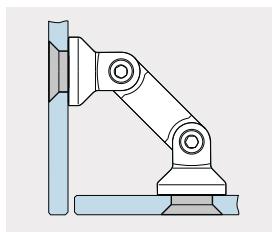
## Wall fixing



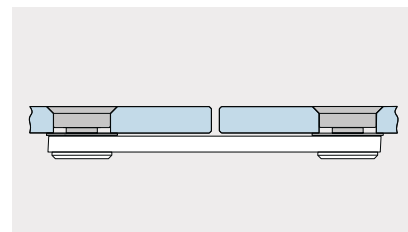
### Components

- 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

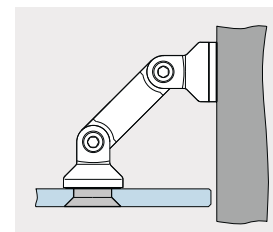
### 90° – 180° Glass / Glass



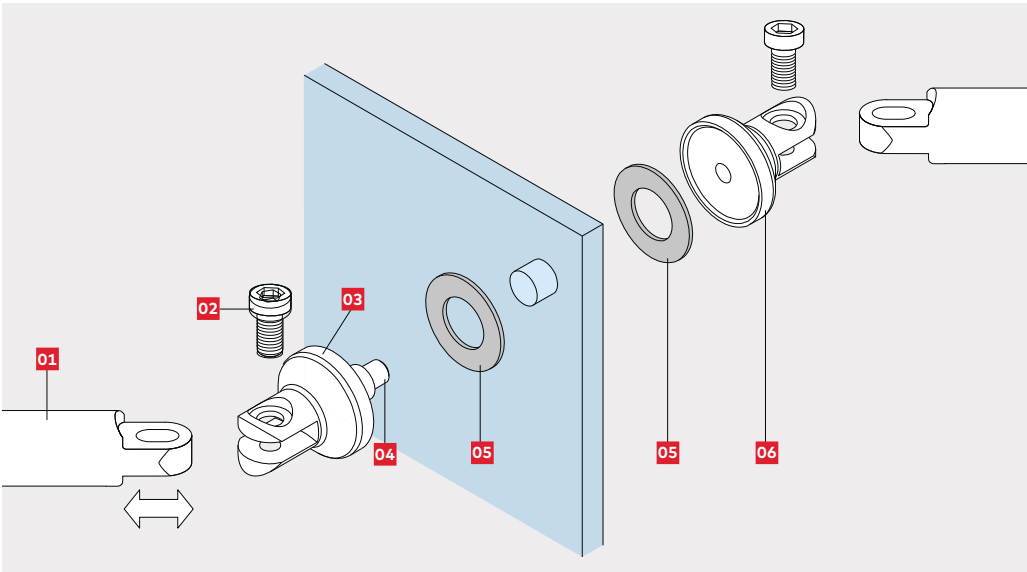
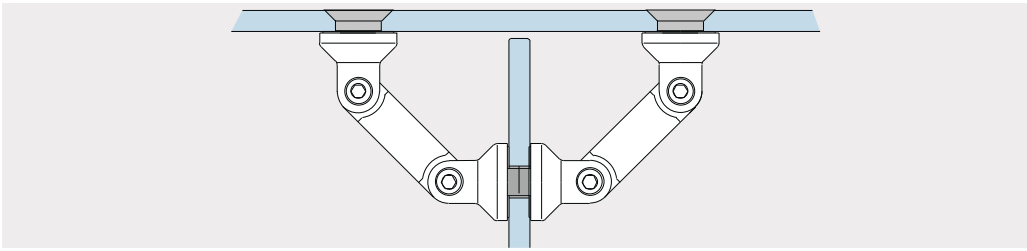
### Glass / Glass Connector



### 90° – 180° Glass / Wall



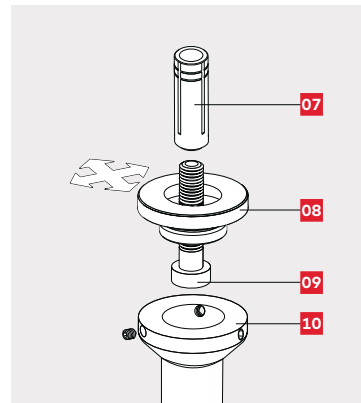
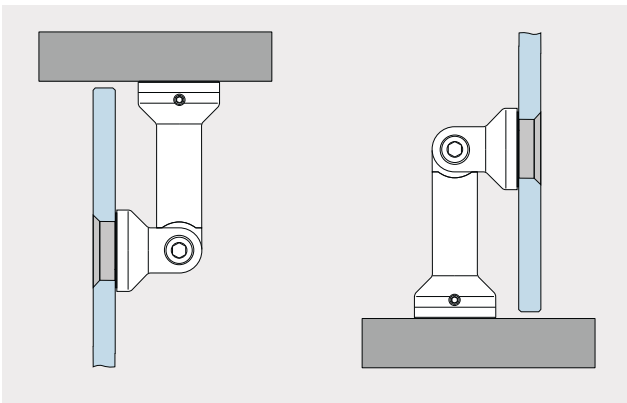
**Clamp connection glass**



**Components**

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

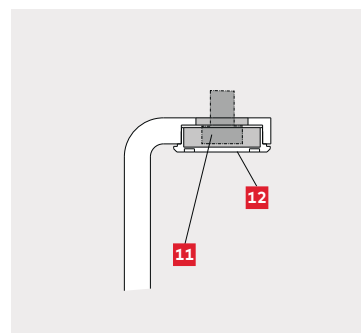
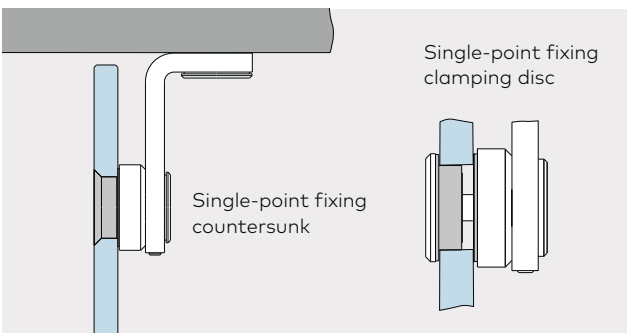
**Connection ceiling / floor**



**Components**

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

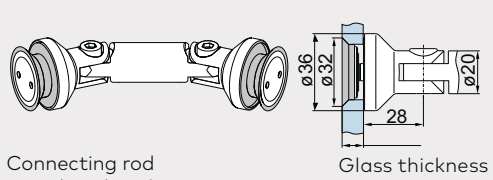
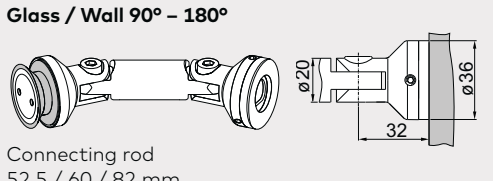
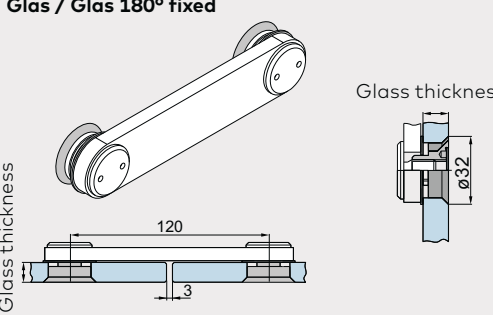
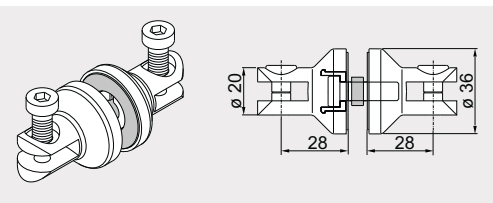
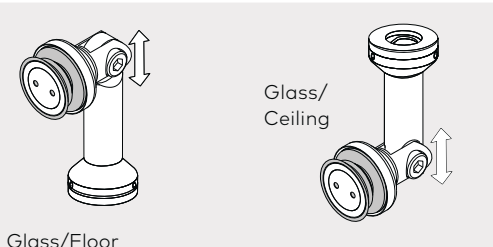
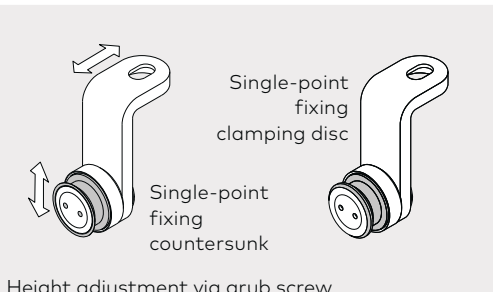
**Alternative connection ceiling**



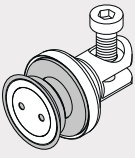
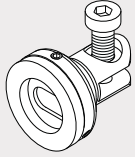
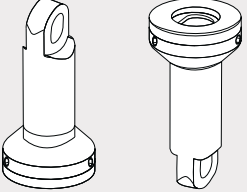
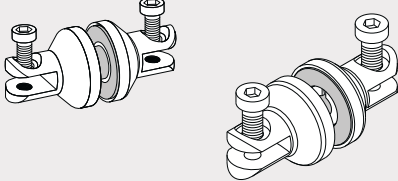
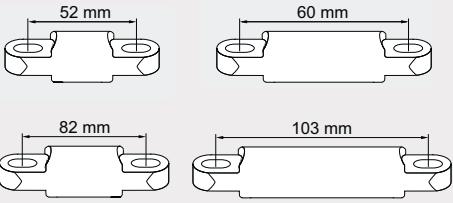
**Components**

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

# Complete fitting

	Product description	Glass thickness	Art. No.
<p><b>Glass / Glass 90° – 180°</b></p>  <p>Connecting rod 52.5 / 60 / 82 / 103 mm</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>

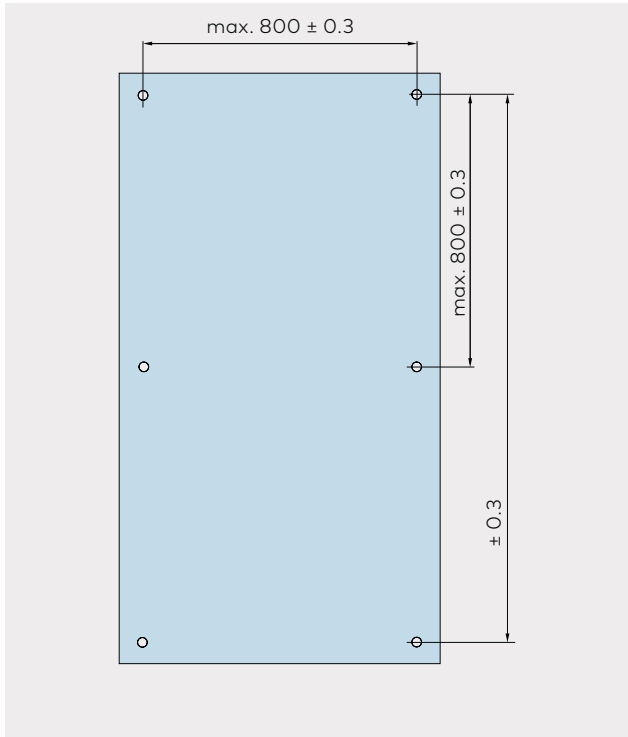
# Components

	Product description	Glass thickness	Art. No.
	<b>Pivoting glass clamp</b> inclusive screw sets for glass	8 – 12/13.5 – 17.5 mm	
	countersunk	17.5 – 21.5 mm	<b>29.160</b>
	clamping disc		<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>

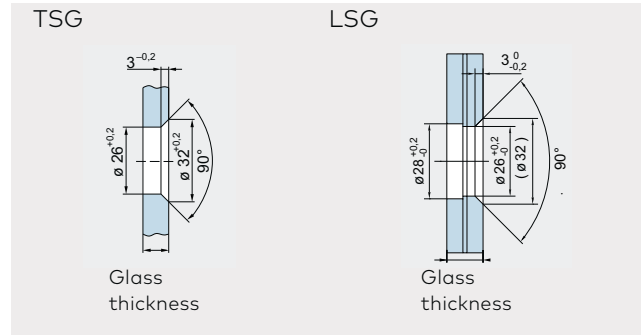
# Glass preparation connection system

For TSG and LSG from TSG.

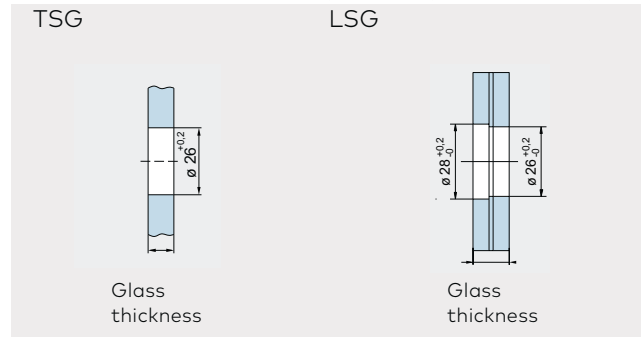
Recommended centers for fixed glazing element



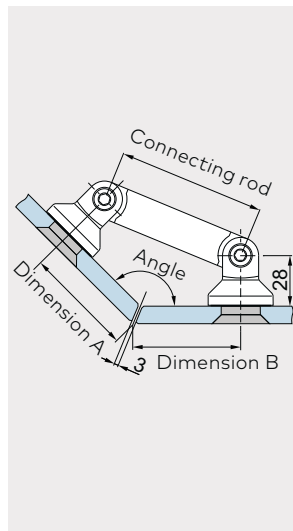
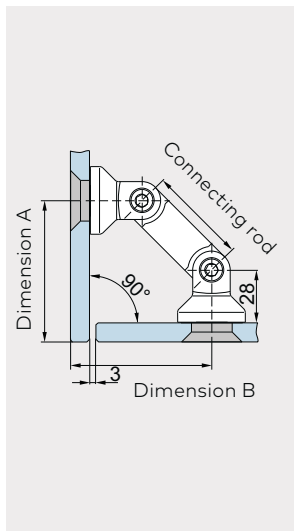
Countersunk bore for countersunk single-point fixings



Cylindrical bore for clamping disc single-point fixings



Corner connectors glass / glass 90 – 180°

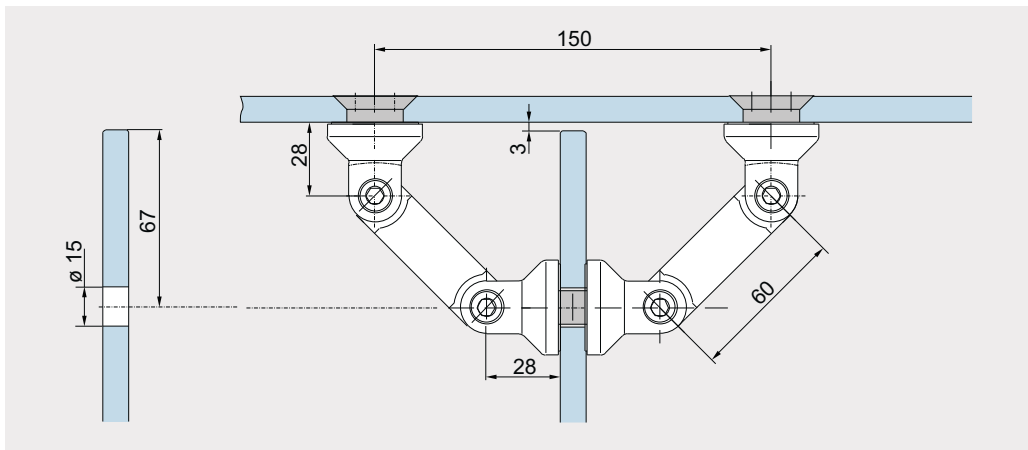


Corner connectors glass / glass (dimensions in mm)

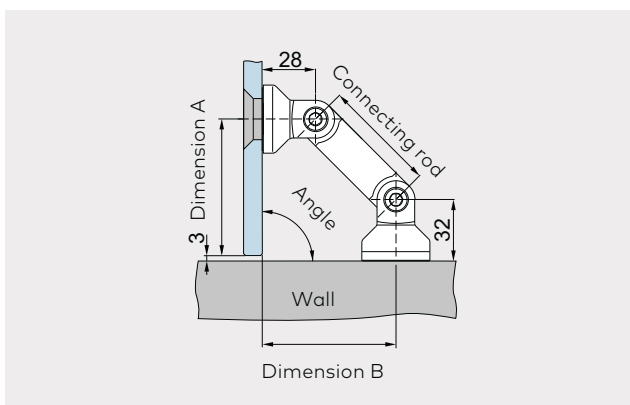
Angle	Length of connecting rod			
	52.5	60	82	103
90°	75	80	96	A/B
95°	70	75	90	A/B
100°	66	71	85	A/B
105°	62	67	81	A/B
110°	59	63	77	A/B
115°	55	60	73	A/B
120°	52	56	69	A/B
125°	49	54	66	A/B
130°	47	51	63	A/B
135°	44	48	60	A/B
180°				50



**Clamping connector**



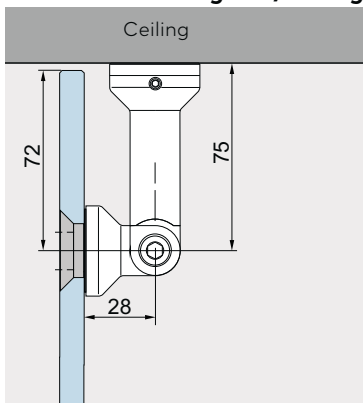
**Corner connectors glass / wall 90 – 180°**



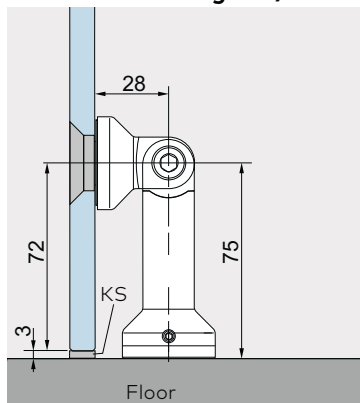
**Glass / wall (dimensions in mm)**

	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

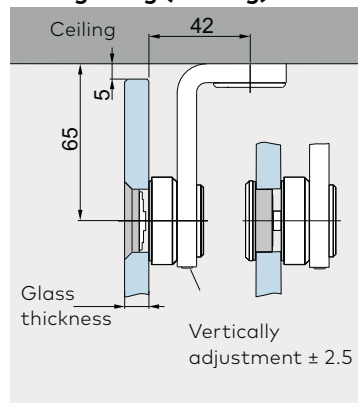
**Corner connector glass / ceiling**



**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.