SINGLE-POINT FIXINGS FOR INTERIOR INSTALLATIONS

MANET
The glass preparation requirements for the various systems are indicated at the end of each section.
MANET – THE SYSTEM

Glass assembly system

It’s good to be able to see clearly if you want to plan ahead. That also certainly applies when it comes to designing office layouts. As well as promoting open communication, transparent interior concepts are particularly generous in appearance. And here, adaptable partitioning and doors of glass certainly help. Offering a flexible modular system, MANET gives planners plenty of scope in room design. The basic component is the single-point fixing, fitting into a countersunk hole to provide a flush finish with the glass surface – an optical highlight common to all the hardware in this range. Adjustable angle connectors ensure efficient attachment to both the existing building fabric and other glass elements. Integrated swing and sliding door sets, the latter in two design versions, complete the system. For some components, both countersunk and proud single-point fixings are available. Swing door fittings that attach to sidelights and overpanels can be had for glass thicknesses ranging from 10 to 15.5 mm. The fixings for sliding doors are designed as standard for glass panel thicknesses from 8 to 17.5 mm. Further glass thicknesses are also available on request, as is the installation of 20 – 40 mm thick timber door leaves.

Compact Sets

Equally effective visually is the MANET COMPACT system with its standardized swing and sliding door sets. These enable simple, fast configuration of common installation types with 8, 10 or 12 mm glass for doors and 10 and 12 mm glass for overpanels and sidelights, aided by MANET COMPACT planning software. MANET COMPACT sliding door sets come with roller carriers featuring the straight lines of our CLASSIC design. A wide range of accessories ensures that the individual sets can be adapted to an array of application types, with MANET pull handles completing the holistic, integral appearance.

To enable problem-free installation of sliding, double-action and single-action doors, the system components all offer extensive adjustability. Wall abutment profiles may, however, need to be provided by others for fixing glass overpanels and sidelights.
Applications and features

<table>
<thead>
<tr>
<th>Glass</th>
<th>TSG</th>
<th>TSG</th>
<th>TSG</th>
<th>TSG</th>
<th>TSG</th>
</tr>
</thead>
<tbody>
<tr>
<td>For interior assemblies</td>
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<td>●</td>
<td>●</td>
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<tr>
<td>Max. door weight (kg)</td>
<td>100</td>
<td>120</td>
<td>80</td>
<td>100</td>
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<tr>
<td>Max. door width (mm)</td>
<td>1200</td>
<td>1500</td>
<td>1200</td>
<td></td>
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<tr>
<td>Max. door height</td>
<td>3000</td>
<td>3000</td>
<td>2500</td>
<td>2500</td>
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<tr>
<td>Masonry openings</td>
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<tr>
<td>For standard toughened glass assembly types</td>
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<td>For individual designed assemblies</td>
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<td>Double action door</td>
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<td>Single action door</td>
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<td>Sliding door</td>
<td>●</td>
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<td></td>
</tr>
<tr>
<td>1-panelled doors</td>
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<td>●</td>
<td>●</td>
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<tr>
<td>2-panelled doors</td>
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<td>●</td>
<td></td>
</tr>
<tr>
<td>Glass thicknesses door (mm)</td>
<td>10 – 15.5</td>
<td>8 – 17.5</td>
<td>10, 12</td>
<td>8, 10, 12</td>
<td></td>
</tr>
<tr>
<td>Glass thicknesses overpanel / sidelight</td>
<td>8 – 17.5</td>
<td>8 – 21.5</td>
<td>10 – 15.5</td>
<td>10 – 17.5</td>
<td>10, 12</td>
</tr>
<tr>
<td>Timber thicknesses sliding door (mm)</td>
<td>20 – 40</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Installation and adjustability

| Installation at wall | ● | ● | ● | ● | ● |
| Installation at ceiling | ● | ● | ● | ● | ● |
| Installation at glass | ● | ● | ● | ● | ● |
| Roller at glass | ● |
| 2-D / 3-D adjustable | ● | ● | ● | ● | ● |

Glass preparation

| countersunk single-point fixings | ● | ● | ● | ● | ● |
| clamping disc single-point fixings | ● | ● | ● | ● |

1) Max. panel weight 80 kg

All elements including the pull handles are supplied in an elegant stainless steel finish. MANET components come in the steel grade 1.4305 (AISI 303) for normal interior applications. Certain selected fittings are also available in 1.4404 (AISI 316L) for damp room and external applications (not suitable for saunas or indoor swimming pools). The materials necessary for your application can be determined from Table 1 of General Building Inspectorate Approval Z-30.3-6. Note: The products detailed in this brochure are exclusively intended for glass constructions that do not require special individual inspectorate approval.

Awarded with the design prize red dot 2002
MANET CONCEPT

Sliding door system
6 – 21
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.

Glass connection with drilled solid tracks

Glass connection with clamp fixing and tubular tracks

An accordant anti-jump device for solid and tubular tracks will be used.
ROLLER CARRIER

Roller carrier TREND
incl. anti-jump device
only lug with roller
Art. No. 29.424

Roller carrier CLASSIC
incl. anti-jump device
only lug with roller
AISI 316L
Art. No. 29.422
Art. No. 29.423

Single-point fixing
for roller carrier, 2 pcs. each
countersunk 8 – 12 mm glass
AISI 316L
Art. No. 29.430
Art. No. 29.431

clamping disc 8 – 12 mm glass
AISI 316L
Art. No. 29.432
Art. No. 29.433

countersunk for
13.5 – 17.5 mm glass
Art. No. 29.435

countersunk for 19 mm glass
Art. No. 29.437

Single-point fixings
for roller carrier at timber,
2 pcs. each
countersunk for 20 – 40 mm
timber
Art. No. 29.510

clamping disc for 20 – 40 mm
timber
Art. No. 29.520
SOLID TRACK

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 pre-fabrication and fixing to glass partitions is that the mounting points coincide with the holes drilled in the glass. The length-wise tolerances should not be greater than ± 0.3 mm.

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

Required dimensions for the track production

<table>
<thead>
<tr>
<th>Door height in mm</th>
<th>700</th>
<th>800</th>
<th>900</th>
<th>1000</th>
<th>1100</th>
<th>1200</th>
<th>1300</th>
<th>1400</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Glass thickn. mm</td>
<td>Glass thickn. mm</td>
<td>Glass thickn. mm</td>
<td>Glass thickn. mm</td>
<td>Glass thickn. mm</td>
<td>Glass thickn. mm</td>
<td>Glass thickn. mm</td>
<td>Glass thickn. mm</td>
</tr>
<tr>
<td>800</td>
<td>8</td>
<td>10</td>
<td>12</td>
<td>8</td>
<td>10</td>
<td>12</td>
<td>8</td>
<td>10</td>
</tr>
<tr>
<td>1000</td>
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<tr>
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<td>720</td>
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<td>600</td>
<td>590</td>
<td>600</td>
<td>600</td>
<td>590</td>
</tr>
</tbody>
</table>

* Note! Ensure that track joints and glass joints do not coincide
SOLID TRACK AND ACCESSORIES

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

**Track**, drilled for fixing at glass
- fixed length up to 6000 mm
- AISI 316L
- Art. No. 21.405
- for fixing at wall
- up to 6000 mm
- AISI 316L
- Art. No. 21.406
- Track, undrilled
- for fixing with clamp brackets
- fixed length up to 6000 mm
- do. AISI 316L
- Art. No. 21.407
- Connectors
- offset for tracks 90 – 180°
- do. AISI 316L
- Art. No. 21.442
- Door stop
- left hand
- AISI 316L
- Art. No. 29.425
- right hand
- AISI 316L
- Art. No. 29.426
- Wall fixing for tubular track / solid track
- AISI 316L
- Art. No. 29.445
SOLID TRACK AND ACCESSORIES

Solid track fixing at wall

- Flange for fixing the track at wall
  - Art. No. 21.346
  - AISI 316L
  - Art. No. 21.347

Solid track fixing at wall, adjustable

- Flange for fixing the track at wall, adjustable
  - Adjustment + 5 mm
  - Note: Min. distance glass to wall 32 mm
  - Art. No. 21.412

Fixing a double track

- Fixing for double track
  - Art. No. 21.170

Solid track fixing at ceiling

- Ceiling retainer for track
  - Art. No. 21.315
Single-point fixing for solid track fixing at glass

for X = 20 – 30 mm
Single-point fixing,
countersunk, fixed
for 10/12 mm glass   Art. No. 29.460
AISI 316L
for 13.5 – 15.5 mm glass   Art. No. 29.450
for 17.5 mm glass   Art. No. 29.451
clamping disc, fixed
for 10/12 mm glass   Art. No. 29.465
AISI 316L

countersunk, centring
for 10/12 mm glass   Art. No. 29.462
AISI 316L
for 13.5 – 15.5 mm glass   Art. No. 29.455
for 17.5 mm glass   Art. No. 29.456
clamping disc, centring
for 10/12 mm glass   Art. No. 29.467
AISI 316L

for X = 35 – 40 mm
Single-point fixing,
countersunk, fixed
for 10/12 mm glass   Art. No. 29.530
countersunk, centring
for 10/12 mm glass   Art. No. 29.531

Selection guide, Solid track fixing for timber doors

<table>
<thead>
<tr>
<th>X (mm)</th>
<th>Z (mm)</th>
<th>max. door weight (kg)</th>
<th>Single-point fixing</th>
<th>Flange for track</th>
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<tr>
<td></td>
<td></td>
<td></td>
<td>fixed for track</td>
<td></td>
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<td></td>
<td></td>
<td>Art. No.</td>
<td></td>
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<tr>
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<td></td>
<td></td>
<td>centring for track</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Art. No.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>clamping disc</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Art. No.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>countersunk</td>
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</tr>
<tr>
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<td></td>
<td>Art. No.</td>
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<tr>
<td>20 – 30</td>
<td>18.5</td>
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<td>35 – 40</td>
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<td>100</td>
<td>29.530</td>
<td>21.412</td>
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TUBULAR TRACKS AND ACCESSORIES

Recommended distance of the track fixing points

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<tr>
<th>Door height in mm</th>
<th>700</th>
<th>800</th>
<th>900</th>
<th>1000</th>
<th>1100</th>
<th>1200</th>
<th>1300</th>
<th>1400</th>
</tr>
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<td>12</td>
<td>8</td>
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<td>12</td>
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<td>400</td>
<td>400</td>
<td>450</td>
<td>500</td>
<td>500</td>
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</tbody>
</table>

Tubular track
- incl. end plugs
- stock length 3000 mm
- Art. No. 21.527
- AISI 316L
- Art. No. 21.530
- Fixed length up to 6000 mm
- Art. No. 21.436
- AISI 316L
- Art. No. 21.532

Tubular track
- bent, incl. end plugs
- max. curve length 2600 mm
- Art. No. 21.409
- max. curve length 5600 mm
- Art. No. 21.413

Angled connection for tubular track, 90° – 180°
- Art. No. 21.535

Angle connection for tubular track
- Art. No. 29.506

Thread insert for tubular track
- Art. No. 29.505
### Tubular track fixing at glass

**Clamp fixing**
- for tubular track at glass
- 16 mm extended
- single-point fixing, countersunk*
- single-point fixing, clamping disc*

* for 10, 12 and 13.5 mm glass

Art. No. 29.176
Art. No. 29.177
Art. No. 29.179

Art. No. 29.180

Art. No. 29.185

Art. No. 29.186

Art. No. 29.187

### Tubular track fixing at wall

**Clamp fixing**
- for tubular track at wall
- 16 mm extended

Art. No. 29.175
Art. No. 29.178

Art. No. 29.184

Art. No. 29.187

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

<table>
<thead>
<tr>
<th>X mm</th>
<th>Z mm</th>
<th>max. door weight kg</th>
<th>Clamp fixing for track Art. No.</th>
<th>Clamp fixing for track Art. No.</th>
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<tbody>
<tr>
<td>20 – 30</td>
<td>18.5</td>
<td>120</td>
<td>29.175</td>
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<td>35 – 40</td>
<td>35</td>
<td>100</td>
<td>29.178</td>
<td>29.179</td>
</tr>
</tbody>
</table>

* countersunk clamping disc

---

**Glass thickness**

- Height adjustment - 2.5

**Tubular track fixing at glass**

**Tubular track fixing at wall**

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

TUBULAR TRACK AND ACCESSORIES

Ceiling retainer
for tubular track, carrying function
Art. No. 21.316

Ceiling retainer doubly
for tubular track, carrying function
Art. No. 21.317

Door stop
left hand
AISI 316L
Art. No. 29.425
right hand
AISI 316L
Art. No. 29.426

Wall fixing for tubular track / solid track
AISI 316L
Art. No. 29.445
Art. No. 29.446

Tubular track fixing at ceiling

TUBULAR TRACK AND ACCESSORIES

MANET CONCEPT

TUBULAR TRACK AND ACCESSORIES

Ceiling retainer
doubly
for tubular track, carrying function
Art. No. 21.317

Door stop
left hand
AISI 316L
Art. No. 29.425
right hand
AISI 316L
Art. No. 29.426

Wall fixing for tubular track / solid track
AISI 316L
Art. No. 29.445
Art. No. 29.446

Tubular track fixing at ceiling

TUBULAR TRACK AND ACCESSORIES

MANET CONCEPT

TUBULAR TRACK AND ACCESSORIES

Ceiling retainer
doubly
for tubular track, carrying function
Art. No. 21.317

Door stop
left hand
AISI 316L
Art. No. 29.425
right hand
AISI 316L
Art. No. 29.426

Wall fixing for tubular track / solid track
AISI 316L
Art. No. 29.445
Art. No. 29.446

Tubular track fixing at ceiling

Roller at glass
for 8 – 12 mm glass, countersunk
clamping disc
Art. No. 29.494
Art. No. 29.495

Door stop
for roller at glass, left hand and right hand usable
AISI 316L
Art. No. 29.493
Art. No. 29.483

Anti-jump device
for roller at glass
for 8 – 12 mm glass, countersunk
clamping disc
Art. No. 29.497
Art. No. 29.498
ACCESSORIES

Aluminium brush profile
similar satin stainless steel
for 8 mm glass
stock length 3000 mm
fixed length up to 6000 mm
Art. No. 07.402
Art. No. 07.403
for 10/12 mm glass
stock length 3000 mm
fixed length up to 6000 mm
Art. No. 07.400
Art. No. 07.401

Sliding door lock with ratchet brace
for 8/10/12 mm glass
AISI 316L
Art. No. 21.446

Guide rail with brush seals
applicable for
8/10/12 mm glass
aluminium mill finished
fixed length up to 6000 mm
stock length 3000 mm
Art. No. 21.431
Art. No. 21.432

Floor guide
clamping disc,
applicable for
8/13.5 mm glass
Art. No. 07.316
aluminium 113
(similar satin stainless steel)
Corner lock
for 8 – 12 mm glass,
Art. No. 21.448

Corner lock
with profile cylinder rose
on inside
for 8 – 12 mm glass
Art. No. 21.449

Dead lock for KABA
with rose on inside
for 8 – 12 mm glass
Art. No. 21.450

Profile cylinder
for corner lock
Art. No. 14.206

Eccentric bushing
for corner lock
Art. No. 05.194

Bushing,
plastics
Art. No. 00.110

Strike plate
Art. No. 05.190

Door steady,
to prevent glass edges of
bi-parting double sliding doors
Art. No. 29.420

Please order for details for glass
preparations our detail sheet
29-044-B.
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 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

Glass thickness

Detail E

Glass thickness
MANET CONCEPT

Pivoting door system
22 – 35
MANET pivoting doors can be installed in both glass partitions and masonry openings. They come as both single and double-action swing doors with a maximum weight of 100 kg and a maximum leaf width of 1200 mm.

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 integrating 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 DORMA 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 3000 mm

Pivot bearing with pivot rod pair short type, max. door panel height 2500 mm

Pivot bearing with pivot rod pair short type with intermediate tube, max. door panel height 2500 mm
COMPONENTS FOR PIVOTING DOOR SYSTEM

Overpanel / sidelight connector
complete fitting for 10/12 mm glass countersunk
AISI 316L
Art. No. 29.330
Art. No. 29.362
Art. No. 29.356

Pivot bearing for overpanel and ceiling connection
AISI 316L
Art. No. 21.310
Art. No. 21.350

Pivot bearing
for DORMA BTS (max. 4 EN) / floor pivot
AISI 316L
Art. No. 29.545
Art. No. 29.550
COMPONENTS FOR PIVOTING DOOR SYSTEM

Pivot rod, drilled, fixed length
Single-point fixing, countersunk, fixed (1)
for 10/12 mm glass
AISI 316L
for 13.5 – 15.5 mm glass
clamming disc, fixed (1)
for 10/12 mm glass
AISI 316L
Single-point fixing, countersunk, centring (2)
for 10/12 mm glass
AISI 316L
for 13.5 – 15.5 mm glass
clamming disc, centring (2)
for 10/12 mm glass

Pivot rod set, short type top/bottom, incl. 4 single-point fixings countersunk
AISI 316L
clamping disc
AISI 316L

Art. No. 29.551
Art. No. 29.460
Art. No. 29.461
Art. No. 29.450
Art. No. 29.465
Art. No. 29.466
Art. No. 29.462
Art. No. 29.463
Art. No. 29.455
Art. No. 29.467
Art. No. 29.546
Art. No. 29.547
Art. No. 29.560
Art. No. 29.561
Pivot rod set, short type
**top / bottom**, for intermediate tube, inclusive 4 single-point fixings

- **countersunk**
  - AISI 316L
    - Art. No. 29.548
  - Art. No. 29.549

- **clamping disc**
  - AISI 316L
    - Art. No. 29.562
    - Art. No. 29.563

**Intermediate tube**
fixed length up to 2000 mm

- AISI 316L
  - Art. No. 29.555
  - Art. No. 29.557

**Pivot bearing for humid rooms**
AISI 316L

- Art. No. 29.540

**Floor pivot**

- Art. No. 01.106
COMPONENTS FOR PIVOTING DOOR SYSTEM

Wall fixing

Overpanel / sidelight connector for wall fixing
90° offset,
with pivot bearing location,
complete fitting
for 10/12 mm glass

right hand Art. No. 29.328
left hand Art. No. 29.329

Overpanel / sidelight connector for wall fixing
90° offset,
complete fitting
for 10/12 mm glass

right hand Art. No. 29.326
left hand Art. No. 29.327
Overpanel / sidelight connector for glass fixing
90° offset, with pivot bearing location, complete fitting for 10/12 mm glass

right hand
Art. No. 29.331

Overpanel / sidelight connector for glass fixing
90° offset, with pivot bearing location, complete fitting for 10/12 mm glass

left hand
Art. No. 29.332

Overpanel / sidelight connection for 10/12 mm glass, countersunk
Art. No. 29.320
clamping disc
Art. No. 29.357
COMPONENTS FOR PIVOTING DOOR SYSTEM

- **Pivot bearing fitting for overpanel with cylindrical bore for rod**
  for 8 – 12 mm glass, countersunk
  Art. No. 29.354

- **Pivot bearing location for overpanel**
  for 8 – 12 mm glass, countersunk
  AISI 316L
  Art. No. 29.333
  Art. No. 29.353

- **Pivot bearing for RTS**
  Art. No. 29.314

- **Pivot pole, drilled,**
  fixed length, for RTS pivot bearing 29.314
  Art. No. 29.553

- **PT 25 pin**
  for ceiling connection,
  15 mm Ø, with plug
  Art. No. 01.115

- **Pivot bearing for installation to ceiling**
  adjustable
  for 8 – 12 mm glass,
  AISI 316L
  Art. No. 21.319
  Art. No. 21.318
ACCESSORIES

Stop for pivoting door with ceiling mounting
Art. No. 21.334

Stop at overpanel (inside/outside) for 10/12 mm glass,
Art. No. 29.335

Overpanel / sidelight connection with stop inside for 10/12 mm glass, countersunk
Art. No. 29.322

Overpanel / sidelight connection with stop outside for 10/12 mm glass, countersunk
Art. No. 29.325
ACCESSORIES

Stop for pivoting door
floor mounting
Art. No. 29.950

Stop for pivoting door
wall mounting, short
Art. No. 29.951

Stop for pivoting door
wall mounting, long
Art. No. 29.952
Corner lock for 8 – 12 mm glass, Art. No. 21.448
Corner lock with profile cylinder rose on inside for 8 – 12 mm glass Art. No. 21.449
Dead lock for KABA with rose on inside for 8 – 12 mm glass Art. No. 21.450
Profile cylinder for corner lock Art. No. 14.206

Eccentric bushing for corner lock Art. No. 05.194
Bushing, plastics Art. No. 00.110
Strike plate Art. No. 05.190
The gap and distance dimensions recommended by DORMA are indicated in the adjacent table.

<table>
<thead>
<tr>
<th>Glass thickness mm</th>
<th>Connection</th>
<th>X Gap</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/12</td>
<td>Sidelight 5</td>
<td></td>
<td>65</td>
</tr>
<tr>
<td></td>
<td>Wall</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>13.5–15.5</td>
<td>Sidelight 8</td>
<td></td>
<td>62</td>
</tr>
<tr>
<td></td>
<td>Wall</td>
<td>11</td>
<td></td>
</tr>
</tbody>
</table>
MANET CONCEPT

Connection system
36 – 43
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 sloted holes in the interconnecting fasteners.

Components
1 Clip-on cover
2 Connecting bolt
3 Conical collar
4 Conical sleeve
5 Gasket
6 Pivoting clamp
7 Connecting bolt
8 Connecting rod to suit length

Components
9 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
CLAMP CONNECTION GLASS

Ceiling suspension only permissible with bottom glass panel support.

Components
1. Connecting rod or steel cable
2. Connecting bolt
3. Pivoting clamp
4. Connecting bolt
5. Gasket
6. Pivoting clamp

CONNECTION CEILING / FLOOR

Ceiling suspension only permissible with bottom glass panel support.

Components
7. Wallplug on site
8. Mounting plate, 2-dimensional adjustable
9. 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**

**Glass / Glass 90°–180°**
- Complete fitting for glass thickness 8 – 12 mm glass thickness
- With connecting rod 52.5 mm
- With connecting rod 60 mm
- With connecting rod 82 mm
- With connecting rod 103 mm

**Art. No. 29.120**
**Art. No. 29.122**
**Art. No. 29.125**
**Art. No. 29.130**

**Glass / Wall 90°–180°**
- Complete fitting for glass thickness 8 – 12 mm glass thickness
- With connecting rod 52.5 mm
- With connecting rod 60 mm
- With connecting rod 82 mm

**Art. No. 29.139**
**Art. No. 29.140**
**Art. No. 29.142**

**Glass / Glass 180° fixed**
- Complete fitting
- Connector for glass thickness 8 – 12 mm
- AISI 303
- AISI 316L

**Art. No. 29.148**
**Art. No. 29.368**

**Complete fitting Clamping connector**
- for glass thickness 8 – 12 mm

**Art. No. 29.149**

**Complete fitting Corner connector 90°**
- for glass thickness 8 – 12 mm
- (only bearing function)

**Art. No. 29.145**

**Complete fitting Ceiling fixing**
- (bearing function)
- for glass thickness 8 – 12 mm
- countersunk
- AISI 316L
- clamping disc
- AISI 316L

**Art. No. 29.337**
**Art. No. 29.339**
**Art. No. 29.338**
**Art. No. 29.340**
COMPONENTS

Pivoting glass clamp inclusive screw sets for 8 – 12, 13.5 – 17.5 and 17.5 – 21.5 mm glass, countersunk

do., clamping disc

Art. No. 29.160
Art. No. 29.165

Pivoting wall fixing

Art. No. 21.141

Column Ceiling/floor fixing

Art. No. 21.146

Clamping connector for Glass thickness 8 – 12 mm

Art. No. 29.149

Connecting rods
Length 52.5 mm
Art. No. 21.355
Length 60 mm
Art. No. 21.356
Length 82 mm
Art. No. 21.357
Length 103 mm
Art. No. 21.358
GLASS PREPARATION CONNECTION SYSTEM

For TSG and LSG from TSG.
Recommended centres 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)

<table>
<thead>
<tr>
<th>Angle</th>
<th>A/B</th>
<th>A/B</th>
<th>A/B</th>
<th>A/B</th>
</tr>
</thead>
<tbody>
<tr>
<td>90°</td>
<td>75</td>
<td>80</td>
<td>96</td>
<td></td>
</tr>
<tr>
<td>95°</td>
<td>70</td>
<td>75</td>
<td>90</td>
<td></td>
</tr>
<tr>
<td>100°</td>
<td>66</td>
<td>71</td>
<td>85</td>
<td></td>
</tr>
<tr>
<td>105°</td>
<td>62</td>
<td>67</td>
<td>81</td>
<td></td>
</tr>
<tr>
<td>110°</td>
<td>59</td>
<td>63</td>
<td>77</td>
<td></td>
</tr>
<tr>
<td>115°</td>
<td>55</td>
<td>60</td>
<td>73</td>
<td></td>
</tr>
<tr>
<td>120°</td>
<td>52</td>
<td>56</td>
<td>69</td>
<td></td>
</tr>
<tr>
<td>125°</td>
<td>49</td>
<td>54</td>
<td>66</td>
<td></td>
</tr>
<tr>
<td>130°</td>
<td>47</td>
<td>51</td>
<td>63</td>
<td></td>
</tr>
<tr>
<td>135°</td>
<td>44</td>
<td>48</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>180°</td>
<td></td>
<td></td>
<td></td>
<td>50</td>
</tr>
</tbody>
</table>
Clamping connector

Corner connectors glass / wall 90 – 180°

Glass / wall (dimensions in mm)

<table>
<thead>
<tr>
<th>Length of connecting rod</th>
</tr>
</thead>
<tbody>
<tr>
<td>52.5</td>
</tr>
<tr>
<td>60</td>
</tr>
<tr>
<td>82</td>
</tr>
</tbody>
</table>

Dimensions for 10 mm glass thickness (consider variants for other glass thicknesses).

<table>
<thead>
<tr>
<th>Angle</th>
<th>A/B</th>
<th>A/B</th>
<th>A/B</th>
</tr>
</thead>
<tbody>
<tr>
<td>90°</td>
<td>67/65</td>
<td>72/70</td>
<td>87.5/86</td>
</tr>
</tbody>
</table>

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.
MANET CONCEPT

Single-point fixing
44 – 49
The basic component within the MANET system is the single-point fixing. Rather than cylindrical bore in the glass, this 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 already fitted to the wall, with the glass panel then being simply mounted over the top. The adjustment screw allows the position of the glass to be adjusted in 3 dimensions.

An adjustment range of ±2 mm in the vertical and lateral directions can be utilized by rotating the adjustment screw by up to 90°. Then it is simply a matter of aligning and securing the single-point fixing and conical sleeve. The clip-on cover provides for a flush appearance.

**Components**

1. Clip-on cover
2. Pin internal thread
3. Conical sleeve
4. Gasket
5. Fixing
6. Threaded rod M8 with small head (e.g., DIN 6912). Length and type to suit wallplug
7. Adjustment screw
8. Wallplug on site to suit wall construction
TYPES

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

Countersunk
8/10 mm glass
Art. No. 29.200

12 mm glass
Art. No. 29.210

13.5 mm glass
Art. No. 29.240

15 mm glass
Art. No. 29.244

17.5 mm glass
Art. No. 29.248

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

12 mm glass
Art. No. 29.705

13.5 mm glass
Art. No. 29.710

15 mm glass
Art. No. 29.715

17.5 mm glass
Art. No. 29.720

Stainless steel quality AISI 316L on request.

MANET CONCEPT
GLASS PREPARATION CONNECTION SYSTEM

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

Countsunk bore for countsunk single-point fixings
Cylindrical bore for clamping disc single-point fixings
MANET COMPACT SETS

Pivoting doors
53 – 55

Sliding doors
56 – 61
MANET COMPACT SETS

The aesthetic elegance of the MANET COMPACT concept is also available in the form of standardised sets for simple, fast planning of the more popular system types. Optional accessories enable the individual sets to be semi-customised. The system components offer numerous adjustment possibilities in order to ensure problem-free installation of whichever door type – sliding or swing, single action or double action – is required. Wall abutment profiles may need to be provided (by others) for fixing overpanels and sidelights. (See technical brochure “Fittings and door rails for toughened glass assemblies”.)
**SET 1**

Pivoting door MANET COMPACT without overpanel for 10 – 12 mm glass

---

Set 1
with pivot rod pair short type

Set 1
with single-point fixings countersunk
consisting of:
- pivot rod pair top/bottom, short type  
  Art. No. 29.910
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

Option:
Set 1, but for
additional intermediate tube in
fixed length for pivot rod pair  
Art. No. 29.911
Intermediate tube in fixed length  
Art. No. 29.555

Please indicate:
Panel height ____________________________________________ mm

---

Accessory options for Set 1

**Pull handles**

<table>
<thead>
<tr>
<th>Pull handles</th>
<th>Length</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>(single-point fixing countersunk) Length 350 mm</td>
<td></td>
<td>29.268</td>
</tr>
<tr>
<td>Length 720 mm</td>
<td></td>
<td>29.271</td>
</tr>
<tr>
<td>Length 1240 mm</td>
<td></td>
<td>29.274</td>
</tr>
<tr>
<td>Length 1760 mm</td>
<td></td>
<td>29.277</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pair of pull handles</th>
<th>Length</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length 350 mm</td>
<td></td>
<td>21.267</td>
</tr>
<tr>
<td>Length 720 mm</td>
<td></td>
<td>21.270</td>
</tr>
<tr>
<td>Length 1240 mm</td>
<td></td>
<td>21.273</td>
</tr>
<tr>
<td>Length 1760 mm</td>
<td></td>
<td>21.276</td>
</tr>
</tbody>
</table>

**Lock**

<table>
<thead>
<tr>
<th>Corner lock</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. No. 21.448</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Corner lock with rose on one lock side</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. No. 21.449</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. No. 14.206</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. No. 05.194</td>
<td></td>
</tr>
</tbody>
</table>

**Further accessories**

<table>
<thead>
<tr>
<th>Stop for pivoting door with ceiling mounting</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. No. 21.334</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ceiling fixing (bearing function)</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. No. 29.337</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Floor pivot bearing</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. No. 01.106</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Assembling tool for MANET single-point fixings</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. No. 21.134</td>
<td></td>
</tr>
</tbody>
</table>

---

For the requisite glass preparation please see pages 34 – 35
Pivoting door MANET COMPACT with overpanel for 10 – 12 mm glass

**Set 2**
with pivot rod pair short type

**Set 2**
with single-point fixings countersunk
consisting of:
- pivot rod pair top/bottom, short type
  - Art. No. 29.912
  - 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

**Option:**
Set 2, but with additional intermediate tube in fixed length for pivot rod pair
- Intermediate tube in fixed length
  - Art. No. 29.913

Please indicate:
- Panel height ______________________________ mm
  - 577 mm
  - = Length intermediate tube __________________ mm

**Accessory options for Set 2**

<table>
<thead>
<tr>
<th>Pull handles</th>
<th>Length</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pull handles (single-point fixing countersunk)</td>
<td>350 mm</td>
<td>29.268</td>
</tr>
<tr>
<td></td>
<td>720 mm</td>
<td>29.271</td>
</tr>
<tr>
<td></td>
<td>1240 mm</td>
<td>29.274</td>
</tr>
<tr>
<td></td>
<td>1760 mm</td>
<td>29.277</td>
</tr>
<tr>
<td>Pair of pull handles</td>
<td>350 mm</td>
<td>21.267</td>
</tr>
<tr>
<td></td>
<td>720 mm</td>
<td>21.270</td>
</tr>
<tr>
<td></td>
<td>1240 mm</td>
<td>21.273</td>
</tr>
<tr>
<td></td>
<td>1760 mm</td>
<td>21.276</td>
</tr>
<tr>
<td>Ceiling fixing (bearing function)</td>
<td></td>
<td>29.337</td>
</tr>
<tr>
<td>Stop at overpanel, (inside/outside) for 10 and 12 mm glass</td>
<td></td>
<td>29.335</td>
</tr>
</tbody>
</table>

**Lock**

| Corner lock | Art. No. 21.448 |
| Corner lock with rose on one lock side | Art. No. 21.449 |
| Eccentric bushing for corner lock 21.448/449 | Art. No. 05.194 |

**Further accessories**

| Overpanel-sidelight connector for 10 and 12 mm glass | Art. No. 29.320 |
| Overpanel-sidelight connector with stop inside for 10 and 12 mm glass | Art. No. 29.322 |
| Overpanel-sidelight connector with stop outside for 10 and 12 mm glass | Art. No. 29.325 |
| Floor pivot bearing | Art. No. 01.106 |
| Assembling tool for MANET single-point fixings | Art. No. 21.134 |

For the requisite glass preparation please see pages 34 – 35
SET 3

Pivoting door MANET COMPACT with overpanel for 10 – 12 mm glass

Set 3
with pivot rod pair short type

Set 3
with single-point fixings countersunk
consisting of: pivot rod pair
top/bottom, short type
including:
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

Option:
Set 3, but with
additional intermediate tube in
fixed length for pivot rod pair
Intermediate tube in fixed length

Please indicate:
Panel height ____________________________________________ mm
– 577 mm
= Length intermediate tube __________________________________ mm

Accessory options for Set 3

Pull handles

Pull handles (single-point fixing countersunk)
Length 350 mm Art. No. 29.268
Length 720 mm Art. No. 29.271
Length 1240 mm Art. No. 29.274
Length 1760 mm Art. No. 29.277

Pair of pull handles
Length 350 mm Art. No. 21.267
Length 720 mm Art. No. 21.270
Length 1240 mm Art. No. 21.273
Length 1760 mm Art. No. 21.276

Ceiling fixing (bearing function) Art. No. 29.337
Stop at overpanel, (inside/outside) for 10 and 12 mm glass Art. No. 29.335

Lock

Corner lock Art. No. 21.448
Corner lock with rose on one lock side Art. No. 21.449
Eccentric bushing for corner lock 21.448/449 Art. No. 05.194

Further accessories

Overpanel-sidelight connector for 10 and 12 mm glass Art. No. 29.320
Overpanel-sidelight connector with stop inside for 10 and 12 mm glass Art. No. 29.322
Overpanel-sidelight connector with stop outside for 10 and 12 mm glass Art. No. 29.325
Floor pivot bearing Art. No. 01.106
Assembling tool for MANET single-point fixings Art. No. 21.134

For the requisite glass preparation please see pages 34 – 35
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
   \((LM – 148) \times 1/2\)

Door weight 80 kg
Door height max. 2500 mm
Door width max. 1200 mm
TSG 10/12 mm glass thickness

For the requisite glass preparation please see pages 20 – 21
Sliding door MANET COMPACT for installation at wall, for 8 – 12 mm glass

Set 4.1 / Set 4.2
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

Set 4.1 with single-point fixings

- Art. No. 29.916

Set 4.2 with clamping disc single-point fixings

- Art. No. 29.917

Set as above, but with 16 mm extended clamp fixing

- Art. No. 29.925
- Art. No. 29.926

Not covered by the set:

Tubular track inclusive end cups in fixed length*

- Art. No. 21.436
- Art. No. 21.436

Tubular track, inclusive end cups, stock length 3000 mm

- Art. No. 21.527
- Art. No. 21.527

Accessory options for Set 4.1 / Set 4.2

Pull handles / Recessed pull grip

<table>
<thead>
<tr>
<th></th>
<th>Length 350 mm</th>
<th>Art. No. 29.268</th>
<th>Art. No. 21.240</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pull handles</td>
<td>Length 720 mm</td>
<td>Art. No. 29.271</td>
<td>Art. No. 21.241</td>
</tr>
<tr>
<td></td>
<td>Length 1240 mm</td>
<td>Art. No. 29.274</td>
<td>Art. No. 21.242</td>
</tr>
<tr>
<td></td>
<td>Length 1760 mm</td>
<td>Art. No. 29.277</td>
<td>Art. No. 21.243</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Length 350 mm</th>
<th>Art. No. 21.267</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pair of pull handles</td>
<td>Length 720 mm</td>
<td>Art. No. 21.270</td>
</tr>
<tr>
<td></td>
<td>Length 1240 mm</td>
<td>Art. No. 21.273</td>
</tr>
<tr>
<td></td>
<td>Length 1760 mm</td>
<td>Art. No. 21.276</td>
</tr>
</tbody>
</table>

Recessed pull grip Ø 60 mm

for 8/10/12 mm glass

- Art. No. 21.291

Recessed pull grip with grip hole Ø 60 mm

for 8 mm glass

- Art. No. 21.292

for 10 mm glass

- Art. No. 21.293

for 12 mm glass

- Art. No. 21.294

Door knob back-to-back

for 8 – 12 mm glass

- Art. No. 21.423

Door knob one side fixing

for 8 – 12 mm glass

- Art. No. 21.422
- Art. No. 21.426

Corner lock

<table>
<thead>
<tr>
<th></th>
<th>Art. No. 21.448</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corner lock</td>
<td>Art. No. 29.449</td>
</tr>
<tr>
<td>Corner lock with rose on one lock side</td>
<td>Art. No. 14.206</td>
</tr>
<tr>
<td>Profile cylinder for corner lock 21.448/449</td>
<td>Art. No. 05.194</td>
</tr>
</tbody>
</table>

Further accessories

<table>
<thead>
<tr>
<th></th>
<th>stock length 3000 mm</th>
<th>Art. No. 21.432</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium guide rail with brush seals</td>
<td>stock length 6000 mm</td>
<td>Art. No. 21.430</td>
</tr>
</tbody>
</table>

Assembling tool for MANET single-point fixing

- Art. No. 21.134

* When ordering please indicate the necessary length! For calculation please see adjoining page
Sliding door MANET COMPACT for installation at glass, one side attached to masonry.

For the requisite glass preparation please see pages 20 – 21

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

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

**Dimensions and Details**
- **LM** = Daylight opening
- **TB** = Door width
- **DGB** = Entry width
- **SBmin.** = min. Seitenteilbreite
- **LL** = Tubular track length
- **X** = Centre distance between single-point fixings overpanel
  \[(OB – 193) \times \frac{1}{2}\]
- **Y** = Centre distance between single-point fixings sidelight
  \[Y = X – 29\]
- **OB** = Overpanel width

**Technical Specifications**
- **Door weight** 100 kg
- **Door height max.** 2500 mm
- **Door width max.** 1200 mm
- **TSG 10/12 mm glass thickness**
Sliding door MANET COMPACT for installation at glass, one side attached to masonry, for sliding door 8 – 12 mm glass, fixed element 10 – 12 mm glass

**Set 5.1 / Set 5.2**
consisting of:

<table>
<thead>
<tr>
<th></th>
<th>Set 5.1</th>
<th>Set 5.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 Clamp fixings</td>
<td>with single-point fixings</td>
<td>with clamping disc single-point fixings</td>
</tr>
<tr>
<td>fixing at glass</td>
<td>countersunk</td>
<td></td>
</tr>
<tr>
<td>2 Roller carriers CLASSIC</td>
<td>Art. No. 29.918</td>
<td>Art. No. 29.919</td>
</tr>
<tr>
<td>incl. single-point fixings for 8 – 12 mm glass</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Wall fixing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Door stop left hand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Door stop right hand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Floor guide AGILE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Installation tools</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Not covered by the set:**

- Tubular track inclusive end cups fixed length*  
  Art. No. 21.436
- Tubular track inclusive end cups, stock length 3000 mm  
  Art. No. 21.527

**Accessory options for Set 5.1 / Set 5.2**

**Pull handles / Recessed pull grip**

<table>
<thead>
<tr>
<th>Pull handles</th>
<th>Length 350 mm</th>
<th>Art. No. 29.268</th>
<th>Art. No. 21.240</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Length 720 mm</td>
<td>Art. No. 29.271</td>
<td>Art. No. 21.241</td>
</tr>
<tr>
<td></td>
<td>Length 1240 mm</td>
<td>Art. No. 29.274</td>
<td>Art. No. 21.242</td>
</tr>
<tr>
<td></td>
<td>Length 1760 mm</td>
<td>Art. No. 29.277</td>
<td>Art. No. 21.243</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pair of pull handles</th>
<th>Length 350 mm</th>
<th>Art. No. 21.267</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Length 720 mm</td>
<td>Art. No. 21.270</td>
</tr>
<tr>
<td></td>
<td>Length 1240 mm</td>
<td>Art. No. 21.273</td>
</tr>
<tr>
<td></td>
<td>Length 1760 mm</td>
<td>Art. No. 21.276</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Recessed pull grip Ø 60 mm</th>
<th>for 8/10/12 mm glass</th>
<th>Art. No. 21.291</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recessed pull grip with grip hole Ø 60 mm</td>
<td>for 8 mm glass</td>
<td>Art. No. 21.292</td>
</tr>
<tr>
<td></td>
<td>for 10 mm glass</td>
<td>Art. No. 21.293</td>
</tr>
<tr>
<td></td>
<td>for 12 mm glass</td>
<td>Art. No. 21.294</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Door knob back-to-back</th>
<th>for 8 – 12 mm glass</th>
<th>Art. No. 21.423</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door knob one side fixing</td>
<td>for 8 – 12 mm glass</td>
<td>Art. No. 21.422</td>
</tr>
</tbody>
</table>

**Corner lock**

- Corner lock  
  Art. No. 21.448
- Corner lock with rose on one lock side  
  Art. No. 29.449
- Profile cylinder for corner lock 21.448/449  
  Art. No. 14.206
- Eccentric bushing for corner lock 21.448/449  
  Art. No. 05.194

**Further accessories**

- Aluminium guide rail with brush seals  
  stock length 3000 mm  
  Art. No. 21.432  
  stock length 6000 mm  
  Art. No. 21.430
- Ceiling connector (bearing function)  
  Art. No. 29.337  
  Art. No. 29.338
- Assembling tool for MANET single-point fixing  
  Art. No. 21.134

* When ordering please indicate the necessary length! For calculation please see adjoining page
SET 6.1/6.2

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

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

Set 6.1
with countersunk single-point fixings

Set 6.2
with clamping disc single-point fixing

 vapehstemu. = Daylight opening
TB = Door width
DGB = Entry width
OB = Overpanel width
SBmin. = min. Seitenteilbreite
LL = Tubular track length
X = Centre distance between single-point fixings overpanel
   (OB – 150) * 1/2
Y = Centre distance between single-point fixings sidelight
   Y = X – 29

For the requisite glass preparation please see pages 20 – 21
Sliding door MANET COMPACT for installation at glass, sidelight on both sides, for sliding door 8 – 12 mm glass, fixed elements 10 – 12 mm glass

### Set 6.1 / Set 6.2
consisting of:

- 7 Clamp fixings fixing at glass
- 2 Roller carriers CLASSIC incl. single-point fixings for 8 – 12 mm glass
- 1 Door stop left hand
- 1 Door stop right hand
- 1 Floor guide AGILE
- Installation tools

**Not covered by the set:**
- Tubular track inclusive end cups fixed length* Art. No. 21.436
- Tubular track inclusive end cups, stock length 3000 mm Art. No. 21.527

### Accessory options for Set 6.1 / Set 6.2

#### Pull handles / Recessed pull grip

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Length 350 mm</th>
<th>Art. No. 29.268</th>
<th>Set 6.1 with single-point fixings countersunk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pull handles</td>
<td>Length 720 mm</td>
<td>Art. No. 29.271</td>
<td>Art. No. 21.240</td>
</tr>
<tr>
<td></td>
<td>Length 1240 mm</td>
<td>Art. No. 29.274</td>
<td>Art. No. 21.242</td>
</tr>
<tr>
<td></td>
<td>Length 1760 mm</td>
<td>Art. No. 29.277</td>
<td>Art. No. 21.243</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Length 350 mm</th>
<th>Art. No. 29.267</th>
<th>Set 6.2 with clamping disc single-point fixings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pair of pull handles</td>
<td>Length 720 mm</td>
<td>Art. No. 21.270</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Length 1240 mm</td>
<td>Art. No. 21.273</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Length 1760 mm</td>
<td>Art. No. 21.276</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Length 350 mm</th>
<th>Art. No. 29.267</th>
<th>Art. No. 21.242</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recessed pull grip Ø 60 mm for 8/10/12 mm glass</td>
<td>Art. No. 21.291</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Length 720 mm</td>
<td>Art. No. 21.270</td>
<td>Art. No. 21.243</td>
</tr>
<tr>
<td></td>
<td>Length 1240 mm</td>
<td>Art. No. 21.273</td>
<td>Art. No. 21.244</td>
</tr>
<tr>
<td></td>
<td>Length 1760 mm</td>
<td>Art. No. 21.276</td>
<td>Art. No. 21.245</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Length 8 – 12 mm glass</th>
<th>Art. No. 21.422</th>
<th>Art. No. 21.426</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door knob one side fixing</td>
<td></td>
<td>Art. No. 21.424</td>
<td>Art. No. 21.425</td>
</tr>
</tbody>
</table>

**Corner lock**
- Corner lock Art. No. 21.448
- Corner lock with rose on one lock side Art. No. 29.449
- Eccentric bushing for corner lock 21.448/449 Art. No. 05.194

**Further accessories**
- Aluminium guide rail with brush seals
  - stock length 3000 mm Art. No. 21.432
  - stock length 6000 mm Art. No. 21.430
- Ceiling connector (bearing function) Art. No. 29.337 Art. No. 29.338
- Assembling tool for MANET single-point fixing Art. No. 21.134

* When ordering please indicate the necessary length! For calculation please see adjoining page
PULL HANDLES AND
RECESSED PULL GRIP PROGRAM

Accessories
62 – 71
The pull handle/knob system is designed for glass of 8, 10 and 12 mm thickness. The pull handles can be fixed to both sliding and pivoting (swing) doors on one face using the appropriate connectors or on both faces by through-bolting (back-to-back arrangement). The single-point fixings and through bolts are included as standard equipment in the scope of supply. The pull handles can be fitted horizontally, vertically or in a handrail arrangement.
PULL HANDLES SINGLE

Pull handles with single-point fixings, countersunk for 8/10/12 mm glass

- Pull handle 350 mm with 2 fixings
  - AISI 316L
  - Art. No. 29.268
- Pull handle 720 mm with 2 fixings
  - AISI 316L
  - Art. No. 29.269
- Pull handle 1240 mm with 3 fixings
  - AISI 316L
  - Art. No. 29.271
- Pull handle 1760 mm with 4 fixings
  - AISI 316L
  - Art. No. 29.272

Pull handles with single-point fixings, clamping disc for 8/10/12 mm glass

- Pull handle 350 mm with 2 fixings
  - AISI 316L
  - Art. No. 21.240
- Pull handle 720 mm with 2 fixings
  - AISI 316L
  - Art. No. 21.241
- Pull handle 1240 mm with 3 fixings
  - AISI 316L
  - Art. No. 21.281
- Pull handle 1760 mm with 4 fixings
  - AISI 316L
  - Art. No. 21.282

Complete with single-point fixings

- Glass thickness
- €1.32
- Length: 45 mm
- €1.6
- €2.5
PAIR OF PULL HANDLES

**Pair of pull handles incl. connecting bolt**
for 8/10/12 mm glass

Pair of pull handles 350 mm with 2 fixings
AISI 316L
Art. No. 21.267

Pair of pull handles 720 mm with 2 fixings
AISI 316L
Art. No. 21.247

Pair of pull handles 1240 mm with 3 fixings
AISI 316L
Art. No. 21.270

Pair of pull handles 1760 mm with 4 fixings
AISI 316L
Art. No. 21.250

**Complete incl. connecting bolt**

**Lockable back-to-back handle bar,**
for 6 – 16 mm glass
1225 mm, with 2 fixings,
complete with closing device and cylinder
Art. No. 21.273

Art. No. 21.253

Art. No. 21.276

Art. No. 21.256
DOOR KNOBS

Conversion set 1 for glass doors, pair of pull handles/knob back-to-back
door thickness 13.5 – 21.5 mm

- Door knob one side fixing
  for 8/10/12 mm glass
  Art. No. 21.422

- Door knob with single-point fixing, countersunk
- Door knob with single-point fixings, clamping disc
  Art. No. 21.426

- Door knob back-to-back
  for 8/10/12 mm glass
  Art. No. 21.423

SPACING ADJUSTMENT FOR PULL HANDLES AND DOOR KNOBS

Conversion set 1 for glass doors, pair of pull handles/
knob back-to-back
door thickness 13.5 – 21.5 mm
  Art. No. 21.285

- Glass doors
  Door thickness 13.5 mm:
  without distance washer
  Door thickness 15 mm:
  with 1 distance washer
  Door thickness 17.5 mm:
  with 2 distance washer
  Door thickness 19 mm:
  with 3 distance washer
  Door thickness 21.5 mm:
  with 4 distance washer

Conversion set 2 for timber doors, pair of pull handles/
knob back-to-back
door thickness 20 – 40 mm
  Art. No. 21.286

- Timber doors
  Door thickness 20 mm:
  without distance washer
  Door thickness 25 mm:
  with 1 distance washer
  Door thickness 30 mm:
  with 2 distance washer
  Door thickness 35 mm:
  with 3 distance washer
  Door thickness 40 mm:
  with 4 distance washer
Conversion set 3
for glass / timber doors,
pull handle / knob single-sided,
single-point fixing
door thickness 15 – 40 mm
countersunk
clamping disc
Glass doors / timber doors
Door thickness 15 – 21.5 mm:
Cylinder head screw M6x25
Door thickness 25 – 30 mm:
Cylinder head screw M6x35
Door thickness 35 – 40 mm:
Cylinder head screw M6x50

Conversion set 4
Recessed pull grip
for glass doors
for timber doors

Glass doors
Door thickness 13.5 mm:
Grub screw 20 mm
Door thickness 15 mm:
Grub screw 22 mm
Door thickness 17.5 mm:
Grub screw 24 mm
Door thickness 19 mm:
Grub screw 25 mm
Door thickness 21.5 mm:
Grub screw 28 mm

Timber doors
Door thickness 20 mm:
Grub screw 24 mm
Door thickness 25 mm:
Grub screw 28 mm
Door thickness 30 mm:
Grub screw 33 mm
Door thickness 35 mm:
Grub screw 38 mm
Door thickness 40 mm:
Grub screw 43 mm

Art. No. 21.287
Art. No. 21.288
Art. No. 21.295
Art. No. 21.296
**RECESSED PULL GRIP UND ARCOS PULL HANDLE**

- **Recessed pull grip**
  - Ø 50 mm
  - for 8/10/12 mm glass
  - Art. No. 21.290

- **Recessed pull grip**
  - Ø 60 mm
  - for 8/10/12 mm glass
  - Art. No. 21.291

- **Recessed pull grip with grip hole**
  - Ø 60 mm
  - for 8 mm glass
  - Art. No. 21.292
  - for 10 mm glass
  - Art. No. 21.293
  - for 12 mm glass
  - Art. No. 21.294

- **ARCOS pair of pull handle**
  - for 8/10/12 mm glass incl. connecting bolt
  - only in AISI 316L
  - Pull handle 350 mm with 2 fixings
  - Art. No. 26.500
  - Pull handle 750 mm with 2 fixings
  - Art. No. 26.510
GLASS PREPARATION FOR PULL HANDLES AND DOOR KNOBS

- **Countersunk bore**
  - on pull handle and door knob, one side fixing

- **Cylindrical bore**
  - on pair of pull handles and door knobs, back-to-back

**Glass thickness**
- at length of pull handles 350 mm
- min. ca. 65 mm
- 150 mm ±0.3
- 1.560 mm ±0.3
- 1000 mm ±0.3
- 520 mm ±0.3

**Cylindrical bore**
- 99
- ø 50 ø 60

**Cylindrical bore**
- 750 / 350 mm drill hole centres distance
- 398 / 824 mm

**Cylindrical bore**
- 9
- ø 60

**Cylindrical bore**
- 9
- ø 60

**Cylindrical bore**
- 9
- ø 60
ACCESSORIES / INSTALLATION TOOLS

Assembling tool for MANET Single-point fixing
Art. No. 21.134

Clip-on cover for single-point fixing with spring,
5 pieces
Art. No. 29.217

Assembling tool for MANET single-point fixing
(can also be used as attachment for torque wrench)
Art. No. 21.137

Sample case
Art. No. 21.995
PLANNING TOOLS

For planning of intelligent glass solutions we offer you several planning tools which allow you to create secure and professional solutions for any kinds of glass doors and toughened glass assemblies.

The planning tools MANET COMPACT enable you to prepare designs quickly, reliably and professionally. The software provides you with all necessary documentation such as dimensioned technical drawings, glass sizes and preparation measures.

Your benefits:
- Easy to operate
- Professional and error-free preparation of offers
- Rapid response to incoming requests for quotations
- Highly reduced planning costs for time and money savings

SAFETY-RELATED INFORMATION

Important safety-related information for the mounting and use of DORMA glass fittings
(Follow these instructions in addition to the mounting and operating instructions in order to avoid damage of product and damage to person or property.)

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

General information
1. DORMA recommends using TSG-H (heat soaked toughened safety glass) to DIN EN 12150-1.
2. DORMA 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 DORMA 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.
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)!

Subject to change without notice.

For practical planning, please use our drawings DORMA-Glas DETAIL.