Headers - 4-1/8", 4-1/2", 6"
with PT21 for single or double doors
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1 Technical specifications

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

These instructions are for installation of 4-1/8", 4-1/2", and 6" headers for the following mounting and style versions:

1. Glass mounting

1.1.1 General information
• dormakaba requires use of tempered laminated or tempered monolithic glass.
• dormakaba glass hardware is not suitable for harsh environment; for example, applications where chemicals (e.g. chlorine) are used such as indoor swimming pools, saunas, or salt-water pools.
• Do not swing doors with excessive force. Install limiting stop to prevent door from opening too far.

1.1.2 Intended use
• To house the RTS88 overhead concealed closers and other pivot options.

1.1.3 Glass requirements/fittings/mounting
• The substructure/wall must be able to bear permanent loads, be level (max. tolerance: 1/16" [2mm] per meter).
• Fixings must be sufficiently dimensioned for the substructure/wall and weight of the door.
• When adjusting glass elements, always stick to the required clearance for the respective hardware. Adjust clearance so glass does not come in contact with any hard surfaces such as glass, metal or concrete.
• Do not use excessive force when installing the glass (avoid over tightening screws.)

1.1.4 Requirements for glass panel
• Heat-soaked thermally tempered safety glass
• Clamping area must be flat and uncoated (no self-cleaning coating!)
• Never use glass with conchoidal fractures and/or damaged edges.

1.1.5 Safety instructions
• Installation requires two people.
• Always wear protective clothing.
• Only properly qualified and specially trained staff is authorized to mount dormakaba glass hardware.

1.1.6 Symbols used - Safety/Installation

CAUTION
Mounting components must meet the requirements of substructure/wall and door weight. Please read the technical information for fittings.

WARNING
Risk of breaking glass. When installing the door, support the door panel with a block of wood or similar object.

TIPS AND RECOMMENDATIONS
Universal PT21 pin diameter: 5/8" [15]
MUNDUS PT21 pin diameter: 9/16" [14]

1.1.7 Maintenance, care, repair
• Immediately replace damaged parts.
• Always use original dormakaba parts.
• Clean clamping area with alcohol-based standard commercial cleaning agent before mounting the glass hardware.
• Use a damp clothe for occasional cleaning, especially the track.
• Always use silicone - and oil-free cleaners (e.g. acetone).
• Check glass hardware at regular intervals for proper positioning, smooth operation and correct adjustment.
• High traffic door systems require inspection by properly qualified staff (specialized companies or installation firms.)

1.1.8 Disposal
Disposal in accordance with local, state and national regulations.
1.2 Pin diameter specifications

<table>
<thead>
<tr>
<th>Universal PT21 pivot pin</th>
<th>MUNDUS PT21 pivot pin</th>
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</thead>
</table>

2 Installation instructions

2.1 Install header for single or double door: PT21

Fig. 1 PT21 pivot covers

NOTE: IF HAVE DOUBLE DOORS, FOLLOW ALL STEPS FOR BOTH SIDES.

<table>
<thead>
<tr>
<th>Frame</th>
<th>Header tube</th>
<th>PT21</th>
<th>Flat cover</th>
<th>Cover cap</th>
</tr>
</thead>
</table>

2.1.1 Remove covers from header tube.
2.1.2 Pre-drill holes for installation.
2.1.3 Secure header to overhead frame using appropriate fasteners dependent upon application.

NOTE: Always ensure the proper fasteners and adequate number of fixing points for your specific field conditions.

2.1.4 Snap cover cap and header flat cover back into place.
2.1.5 For double door applications, follow steps 2.1.1 through 2.1.4.
2.2 PT21 adjustments

2.2.1 Ensure pivot is plumb and level.

2.2.2 Raise walking beam pivot pin up completely by rotating pin adjustment screw.

2.2.3 Lower pin once door is properly in place.