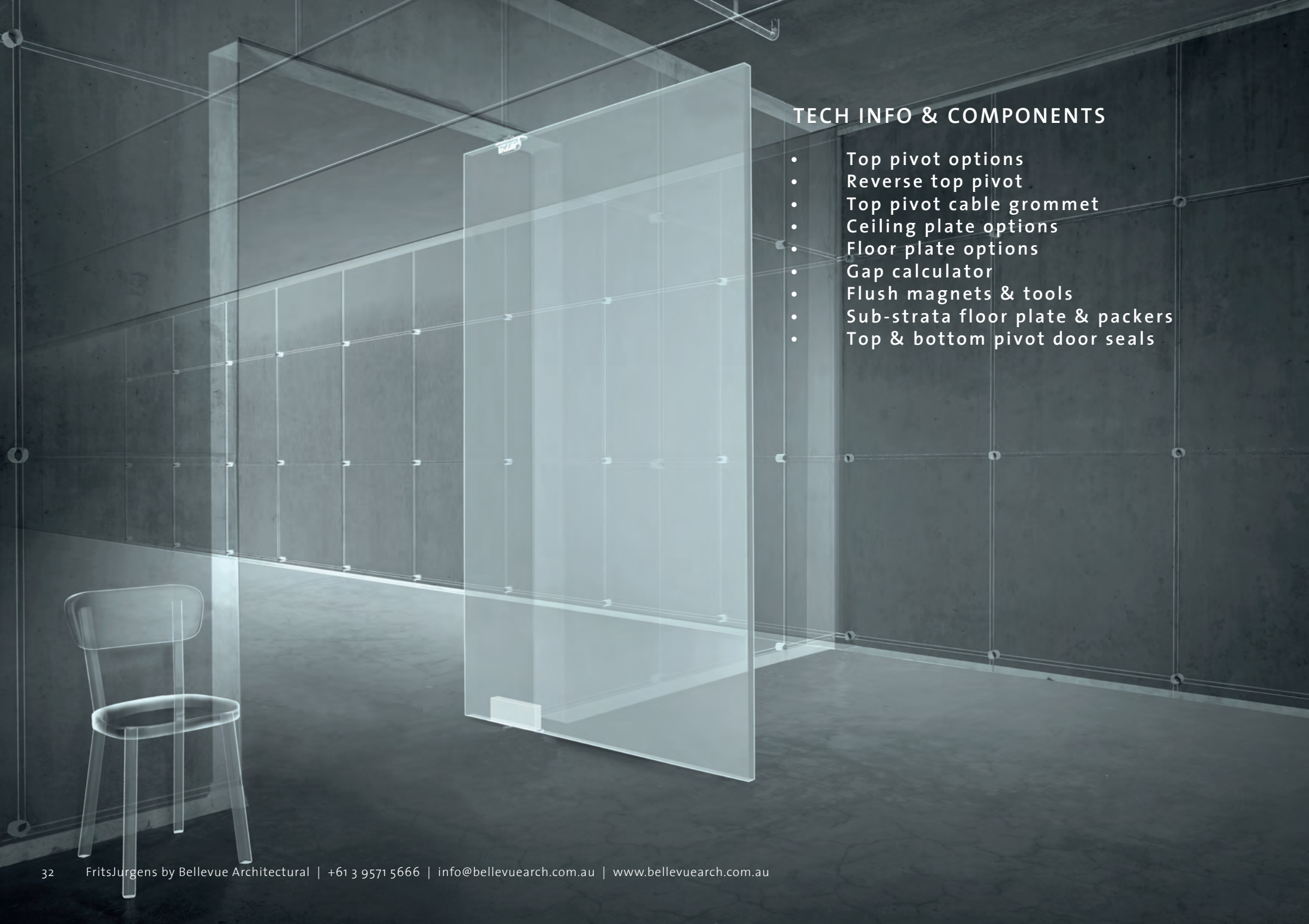
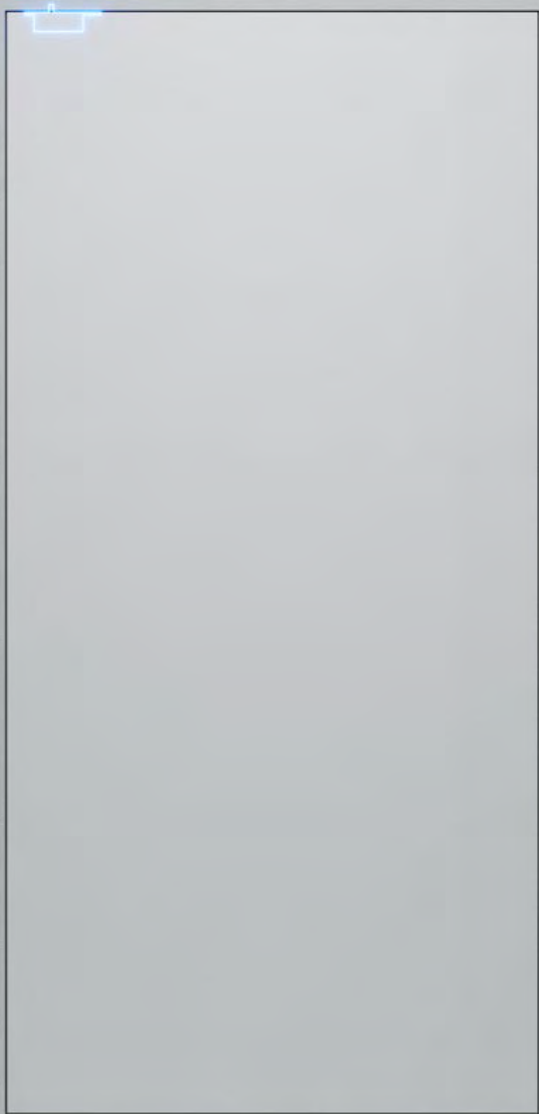




TECH INFO & COMPONENTS

- Top pivot options
- Reverse top pivot
- Top pivot cable grommet
- Ceiling plate options
- Floor plate options
- Gap calculator
- Flush magnets & tools
- Sub-strata floor plate & packers
- Top & bottom pivot door seals

Top Pivots



While the bottom pivot forms the core of every FritsJurgens system, the top pivot is its essential counterpart. Installed in the top of the door or ceiling, it defines the pivot point and keeps the door precisely aligned throughout its movement.

40 MM



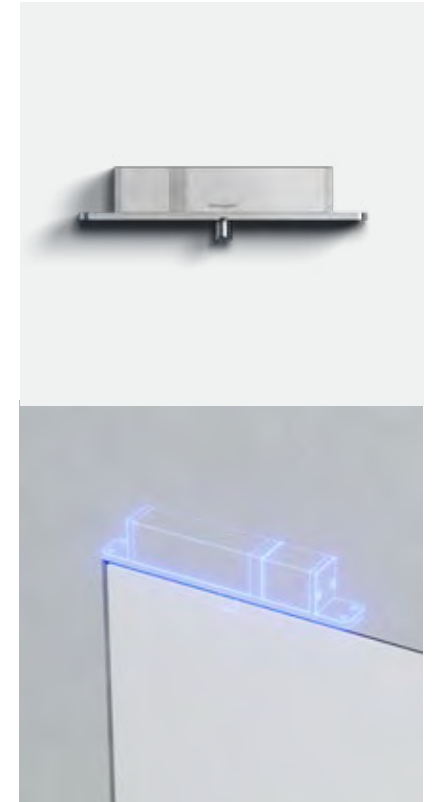
Thanks to the fixed pivot point at 40 mm, this top pivot makes the most of any space. The top pivot is as close as possible to the side of the door.

70 MM



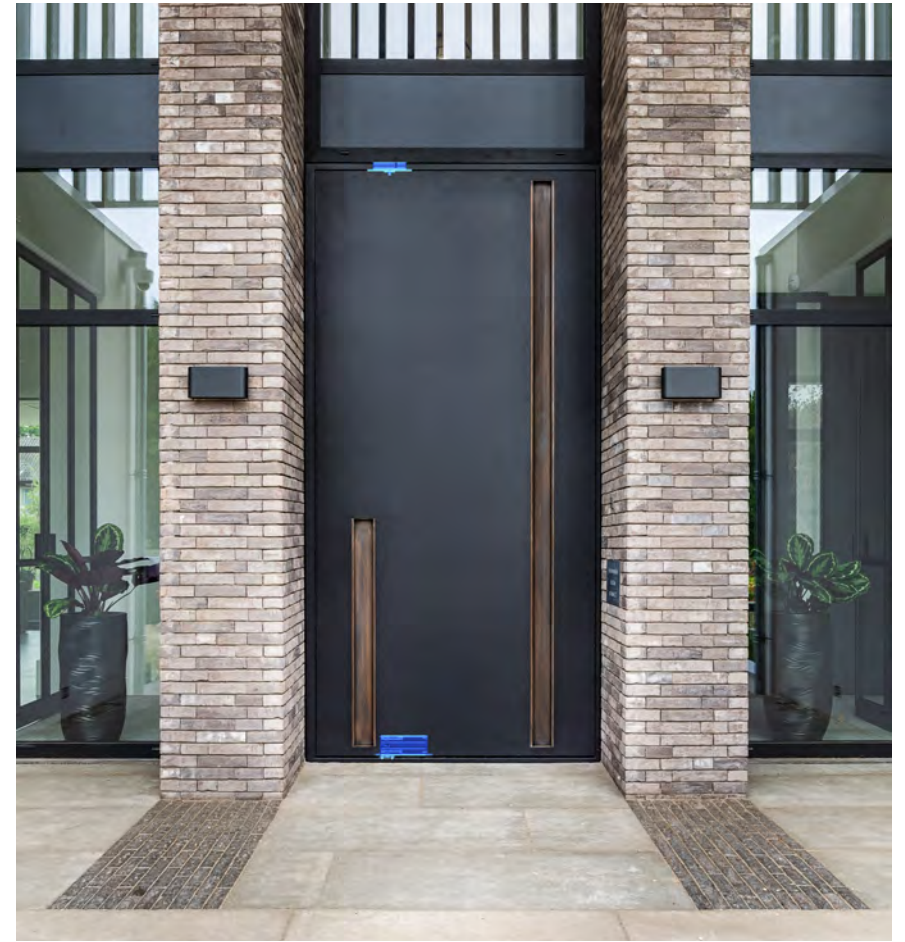
The ability to position the system 70 mm from the door's side reduces unused space while retaining the beautiful, distinctive pivot door movement. This top pivot can be placed in any position between 70 mm and the center of the door.

REVERSED



This top pivot is slightly different from all the others: Top pivot Reversed can be placed in the head jamb or ceiling.

Top Pivot Reversed



Top Pivot Reversed

Compatible with: System M+, System Fx & System One

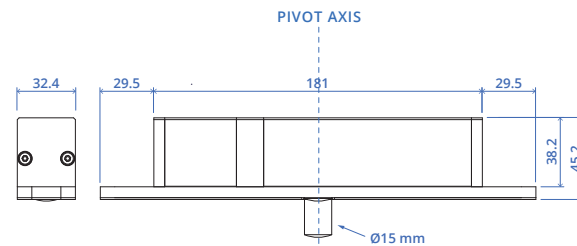
- Pivot point from 130 mm to middle placement
- Ideal for extra thin door frames and/or large glass openings
- Installation in the top jamb

Kit finish: Satin stainless steel

FJS/TPRGSS - Class G Satin Stainless cover plate

FJS/TPRGBK - Class G Black cover plate

FJS/TPRGWH - Class G White cover plate



CABLE GROMMET

SPECIFICATIONS NOW INCLUDED IN ALL PIVOT KITS

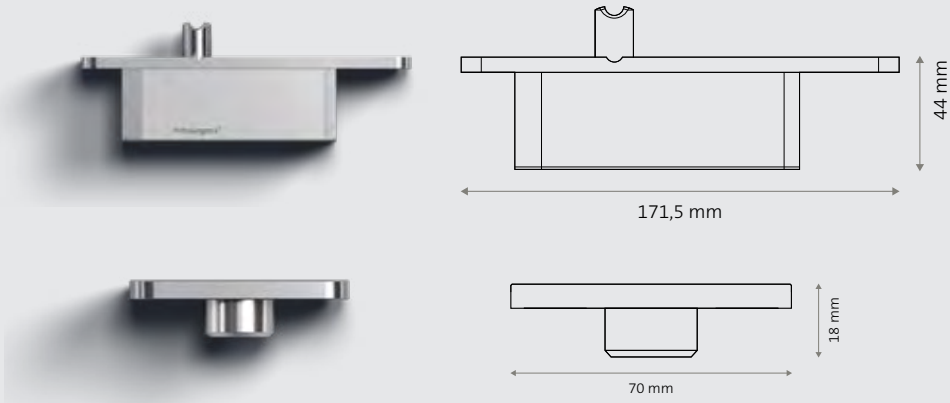
Top pivot – 70 mm
Class G

Pivot position	From 70 mm to middle
Cable entry	✓
Pin diameter	Ø15 mm
Dimensions	171.5 × 32 × 44 mm
Material	Stainless steel and anodised aluminium

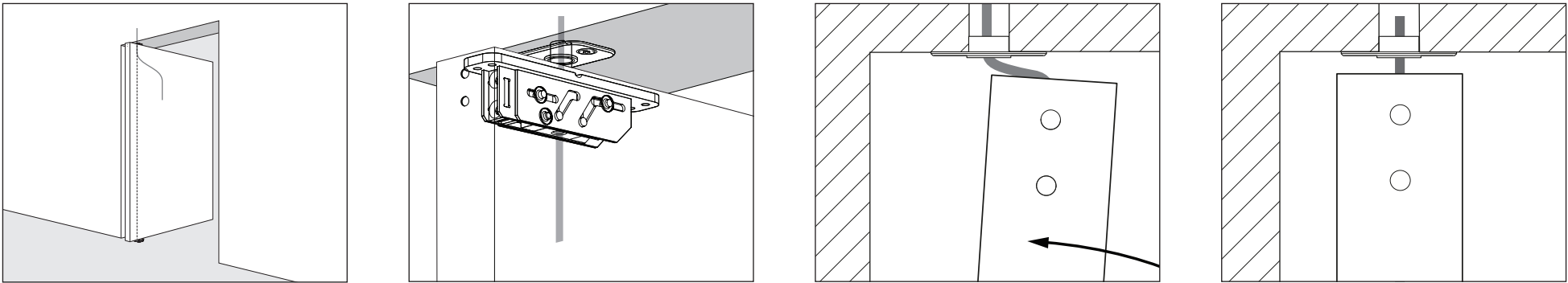
Compatible with

Bottom pivots	System One – 70 mm System Fx – 70 mm System M+ – 70 mm
Ceiling plates	Ceiling plate – Class G

CABLE GROMMET COMPONENTS



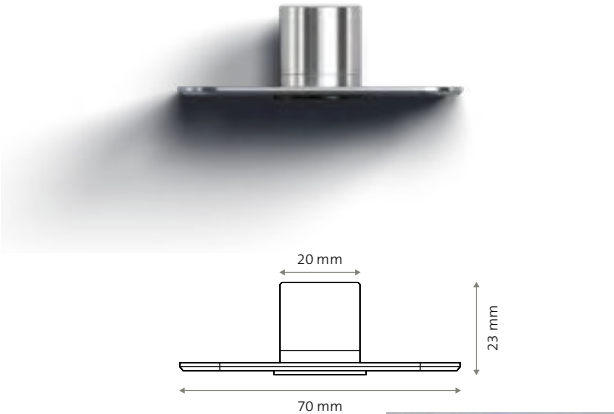
INSTALLATION



Ceiling plates



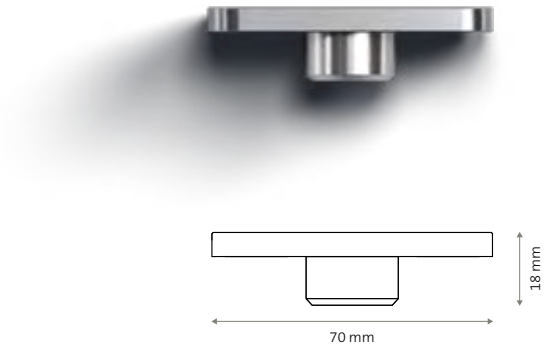
A ceiling plate is the component installed in the ceiling or top frame that connects with the top pivot of a FritsJurgens system. It receives the pin from the top pivot and ensures secure anchoring of the door. Depending on the type of top pivot and installation situation, different ceiling plate variants are available.



Ceiling plate
Class G

Pin diameter	Ø15 mm
Dimensions	70 × 40 × 23 mm
Material	Stainless steel
Available colours	Stainless steel Black
Compatible with	
Top pivots	Top pivot – 40 mm Class G Top pivot – 70 mm Class G

The standard ceiling plate is mounted in the ceiling above the pivot door. It guides the pin of the top pivot into the ceiling and ensures that the door stays securely aligned and in place.

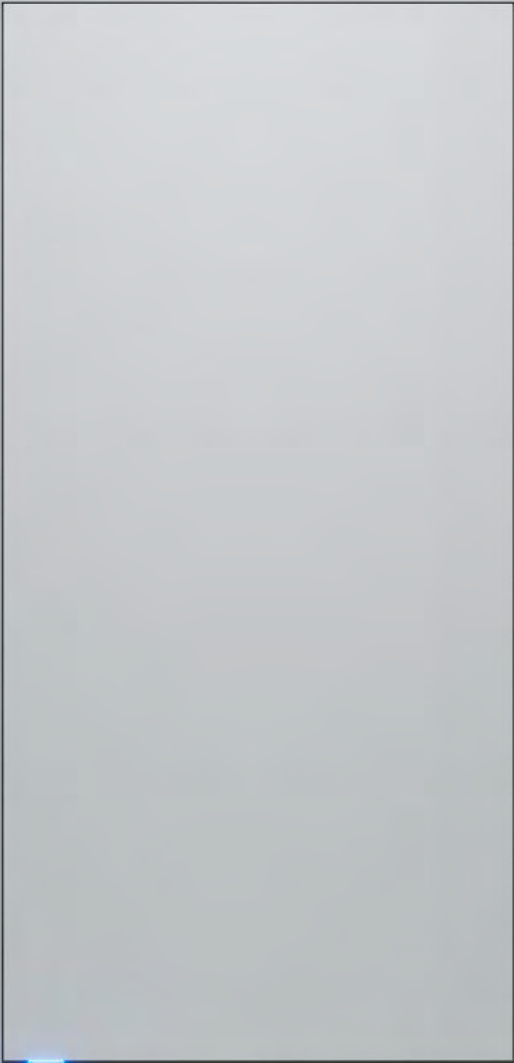


Receiver

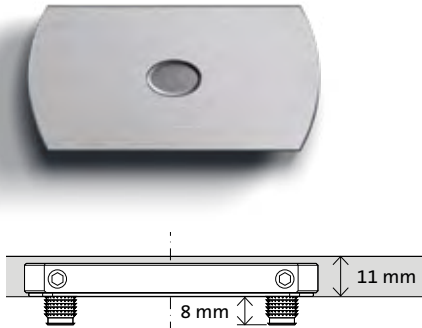
Pin diameter	Ø15 mm
Dimensions	70 × 32 × 18 mm
Material	Stainless steel
Available colours	Stainless steel
Compatible with	
Top pivots	Top pivot – Reversed

The Receiver is mounted inside the top of the pivot door. The pin of the top pivot Reversed is rotated downwards into the Receiver during the installation.

Floor Plates

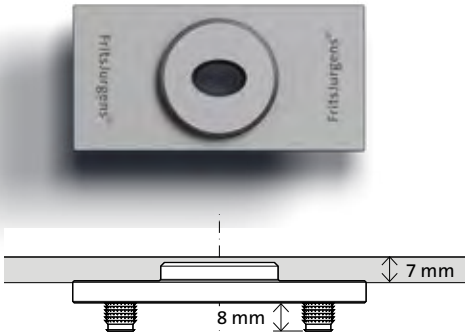
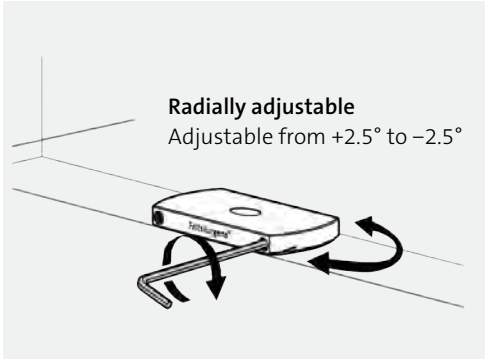


We offer various floor plates to match the pivot hinge of your choice and the design of your pivot door.



Floor plate squared – Radially adjustable

Mounting pins	Two or four 8 mm pins for optimal stability between two floor types. Or two 30 mm pins for mounting on layered floor materials.
Undercut	11 mm
Adjustability	Radial: +2.5° to -2.5°
Dimensions	80 × 40 × 9 mm
Material	Stainless steel
Available colours	Stainless steel Black



Floor plate Flush squared – Non-adjustable

Mounting pins	Four 8 mm pins
Undercut	7 mm
Adjustability	No
Dimensions	80 × 40 × 11 mm
Material	Stainless steel
Available colours	Stainless steel Black



The floor plate is available in two finishes: brushed stainless steel and PVD black. Choose between a flush or a standard version. The floor plates by FritsJurgens are made of solid tempered steel and therefore fully scratch resistant. The ceiling plate is available in brushed stainless steel and black as well and can be obtained in the rectangular version only.

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ACCESSORIES:FLUSH FLOOR PLATE

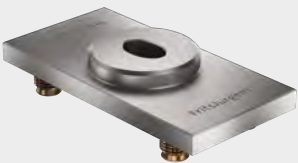
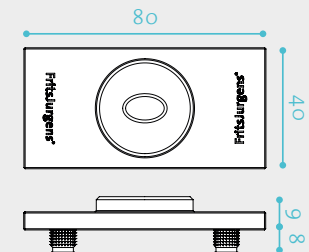
SPECIFICATIONS

Types	FritsJurgens floor plate Flush square (see below for ordering codes) FritsJurgens floor plate Flush rounded (see below for ordering codes)
Dimensions	80 x 40 x 9 mm

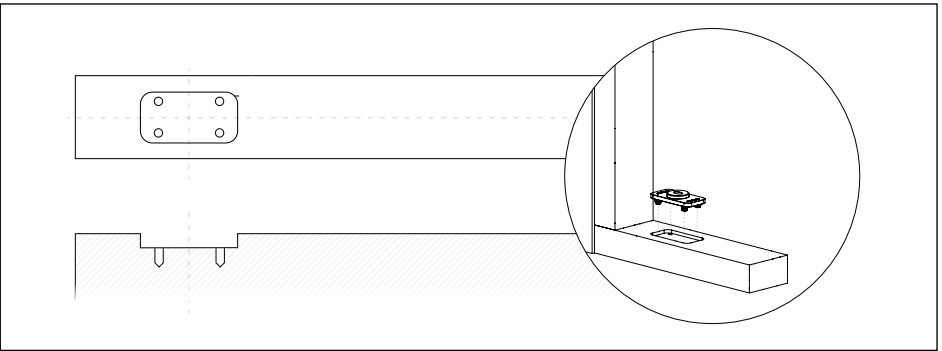
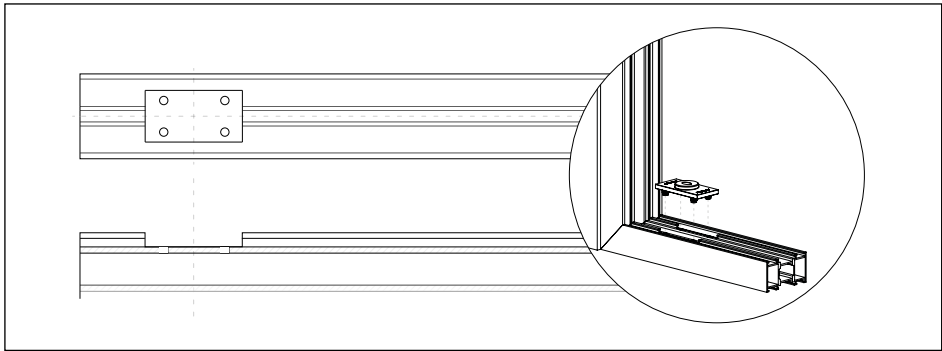
FOR TYPES OF DOORS

Door acting	Double-action Single-action
Weight capacity	0-500 KG
Door width	N/A
Min. door thickness	40mm
Pivot point	Min.40 mm from pivot point to short side
Ordering codes:	FJVP8040MSS/FLSQ - Flush square end floor plate - Satin stainless steel FJVP8040MEMB/FLSQ - Flush square end floor plate - Electro matt black

It is also possible to upgrade a kit you are purchasing to include the flush floor plate. Please contact Bellevue Architectural for assistance.



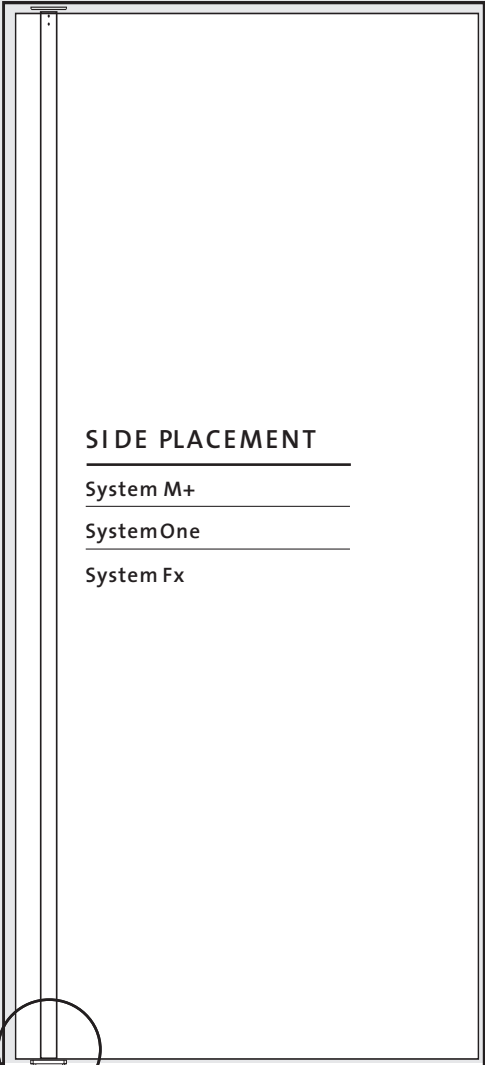
INSTALLATION



POSITIONING OF THE SYSTEMS & MINIMUM DOOR THICKNESS 40MM

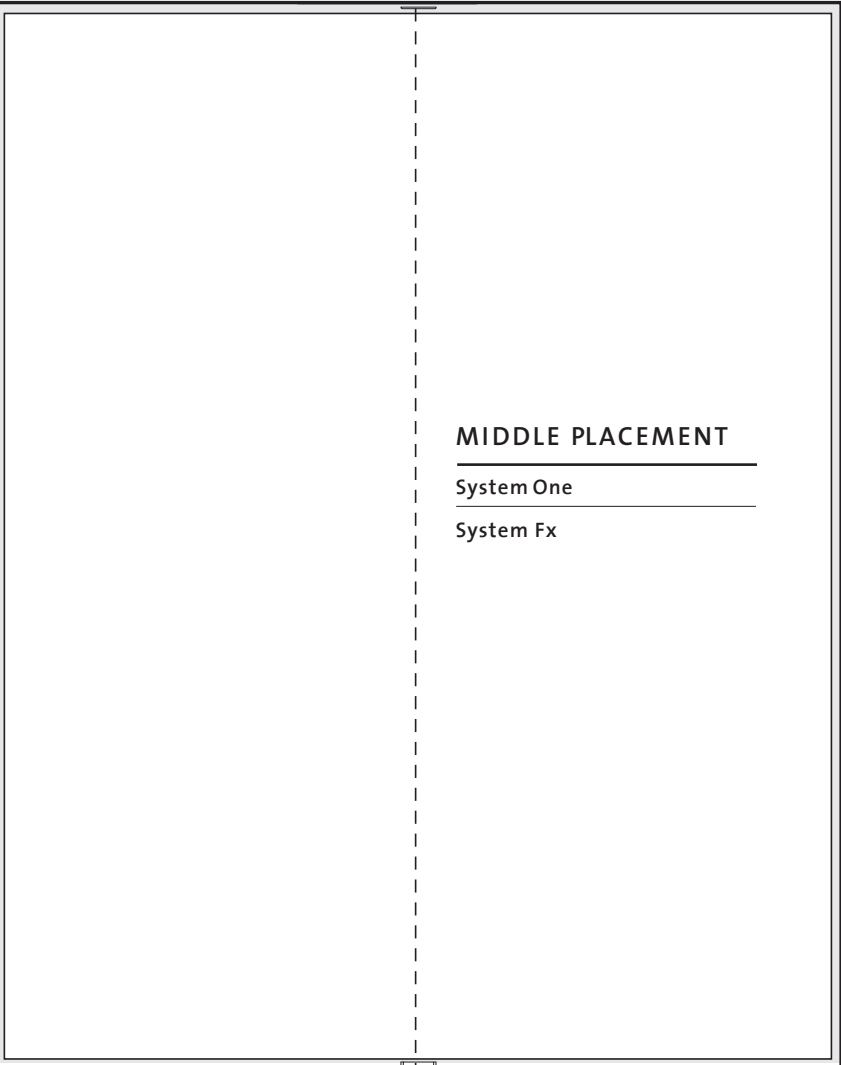
FritsJurgens pivot hinge systems are used to design pivot doors with side & middle placements. Based on the positioning of the system & the function of the pivot door, the right system can be selected.

FritsJurgens pivot hinges have a thickness of 32 mm (or 42 mm). They can be used in doors with a minimum thickness of 40 or 50 mm. This makes FritsJurgens systems suitable for doors of virtually any size and material, giving designers the freedom to design the ultimate pivot door.



SIDE PLACEMENT

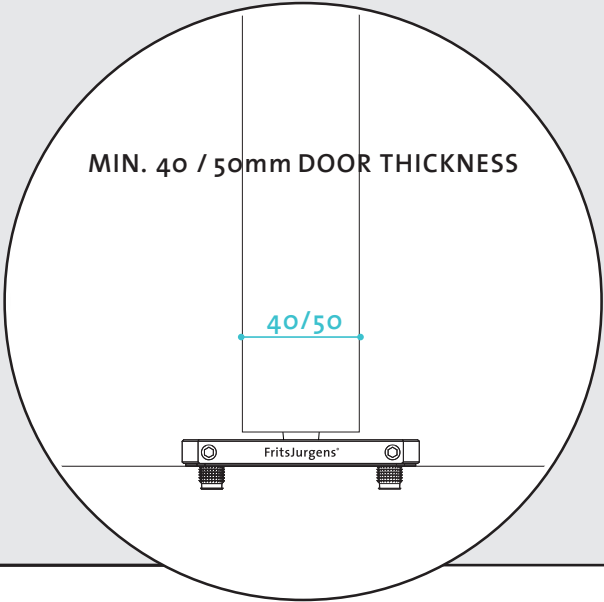
- System M+
- System One
- System Fx



MIDDLE PLACEMENT

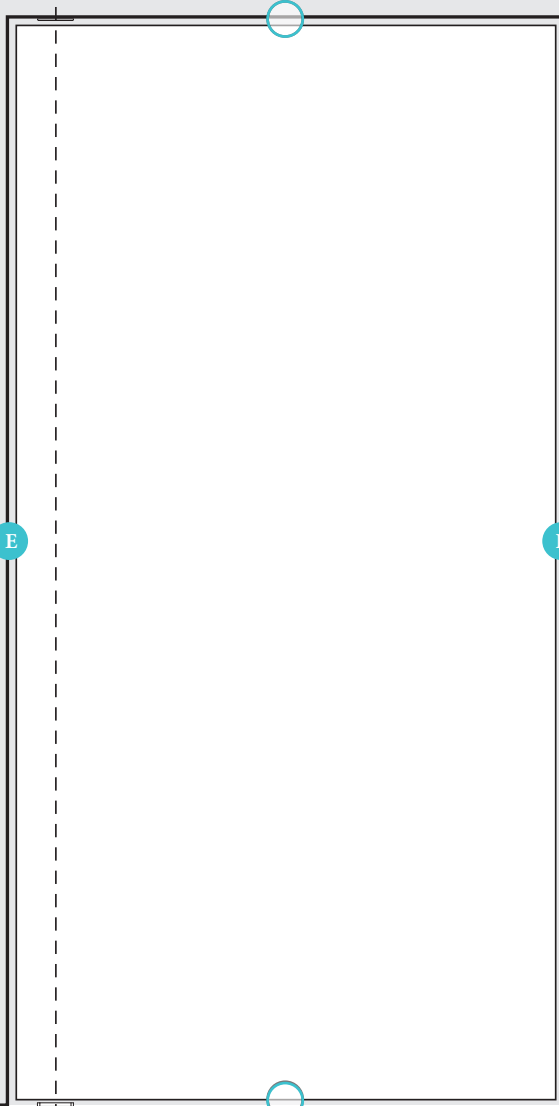
- System One
- System Fx

ONE	40mm
Fx	40mm
M32+	40mm
M42+	50mm



GAPS AROUND THE DOOR

TOP GAP: min 4mm / max 10mm



BOTTOM GAP: 11mm

Top gap

The distance between ceiling and top of the door should be 4-10 mm*.

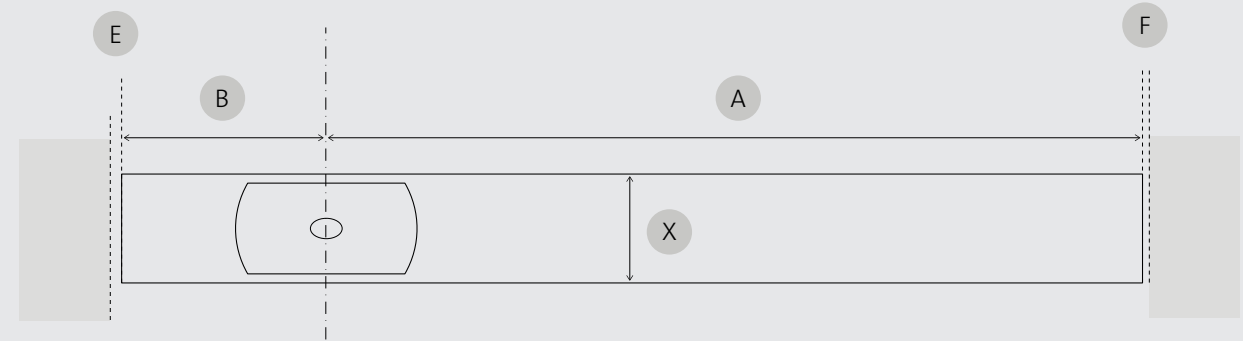
* In all situations, beware of sagging.

Bottom gap

The opening between the bottom of the door and the door depends on the floor plates that are used.

Floor plate rectangular	11 mm
Floor plate round	11 mm
Floor plate Flush rounded	7 mm
Floor plate Flush squared	7 mm

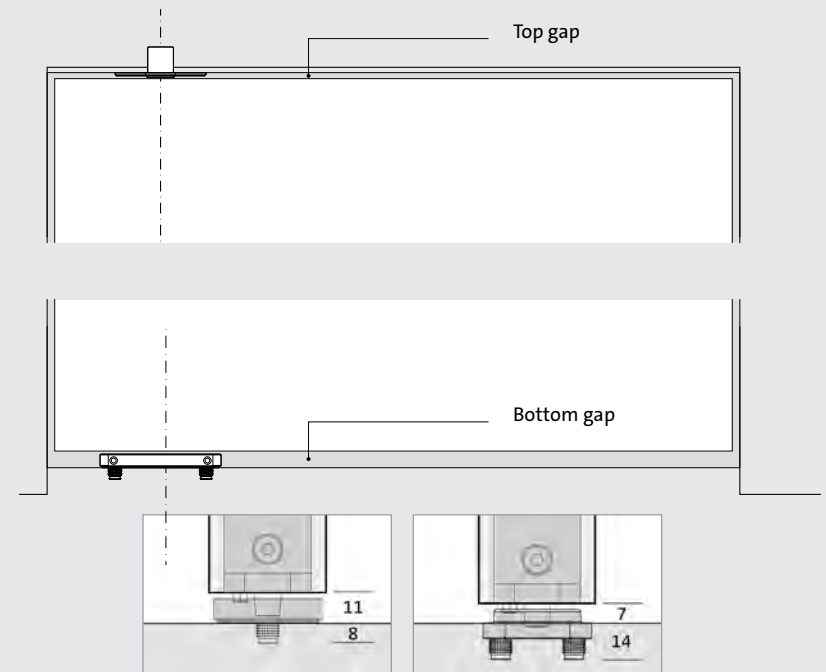
Side gaps



- X Door thickness
- B Distance of pivot point to the near edge of the door
- A Distance of pivot point to the latch edge of the door
- E Minimum gap left
- F Minimum gap right

The minimum gap at the side of the door depends on the thickness and the width of the door in relation to the position of the pivot point.

The outcome on left and right will be different. The calculation is made based on the radius of the door when turning. The smaller the radius (the pivoting side) and the thicker the door, the bigger the required gap between door and wall or frame.



The minimum gap at the side of the door depends on the thickness (X) and the width of the door in relation to the positioning of the hinge (A and B).

Important: the minimum distance from the pivot point of the hinge to the edge of the door (A) is 40 mm. There is no need to add extra space for installing (2 mm tolerance is included).

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ACCESSORIES: FLUSH MAGNET

SPECIFICATIONS

Types	FritsJurgens Flush - stainless steel (FJ707001)
	FritsJurgens Flush - black (FJ707002)
	Optional: Forstner drill bit Ø22 mm with clamping ring (FJ707100)
Dimensions	50 x 22 x 15 mm

FOR TYPES OF DOORS

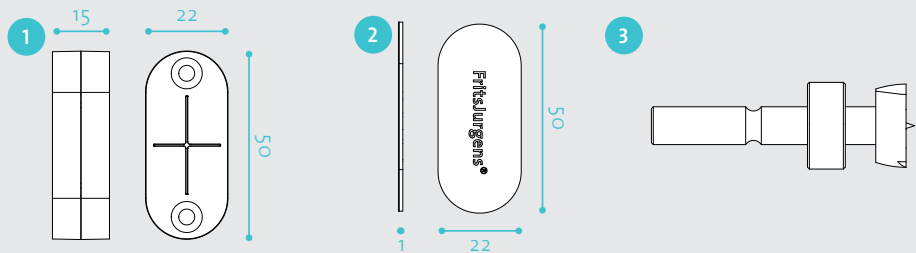
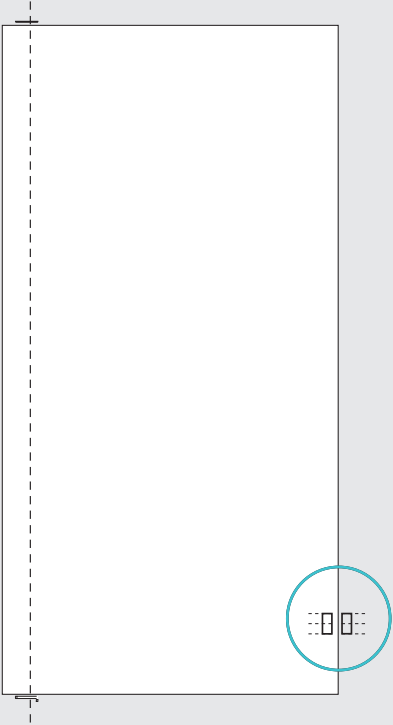
Door acting	Double-action Single-action
Weight capacity	N/A
Door width	N/A
Door height	N/A
Pivot point	N/A
Min. door thickness	40 mm

FLUSH COMPONENTS

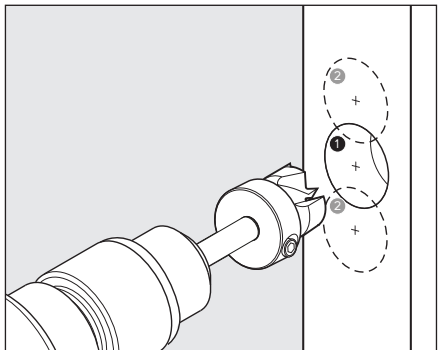
- 1. Magnets (2x)
- 2. Cover plates (2x)
- 3. Optional: drill bit Ø22 mm

Cover plates in stainless steel or black

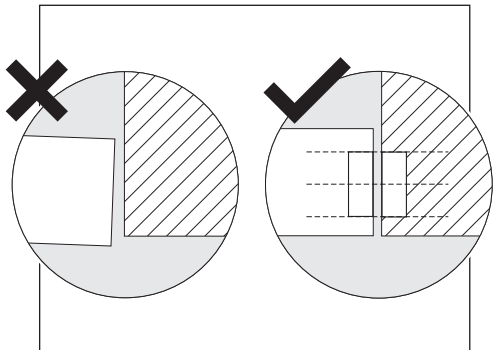
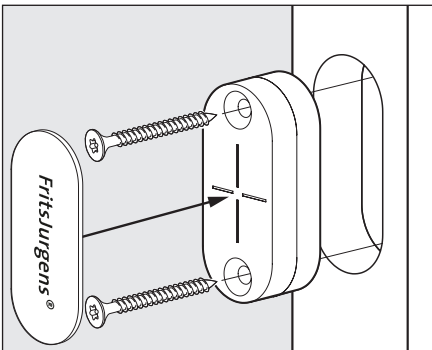
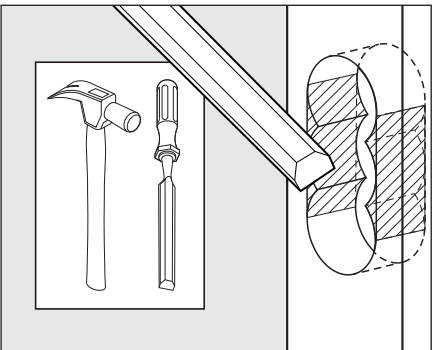
The Flush magnet consists of two strong magnets. These are mounted in the bottom side of the pivot door and the adjacent wall. The Flush magnet hereby strengthens the 0° position of every pivot door, regardless its size or weight. The pivot door is always perfectly in line with the adjacent wall or door. A seamless junction, fully 'flush'.



INSTALLATION



Recommended for use:
Forstner drill bit Ø22 mm
Optional to order



Door seam <---->
3.0 mm - 6.0 mm

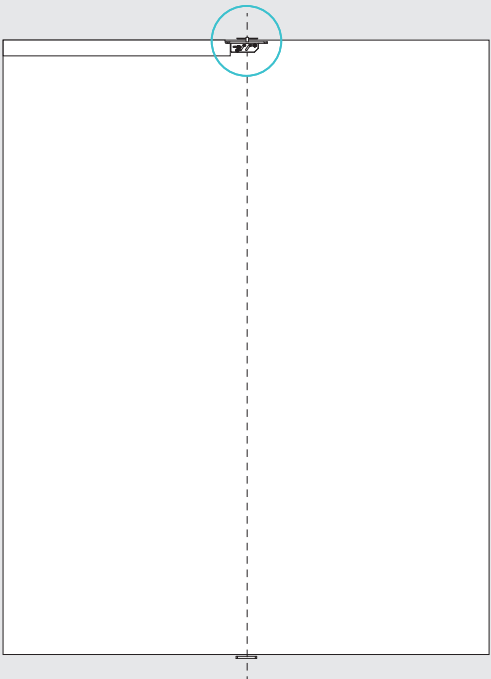
HEXAGON GUIDE

SPECIFICATIONS

Types	FritsJurgens Hexagon Guide - 1 metre length (FJ7o6o0o) FritsJurgens Hexagon Guide - 2 metre length (FJ7o62oo)
Dimensions	1M: 998 x 31.5 x 44 mm 2M: 1998 x 31.5 x 44 mm

FOR TYPES OF DOORS

Door acting	Double-action Single-action
Weight capacity	o-5oo KG
Door width	Refer to the system it is to be used with
Door height	Unlimited
Pivot point	Min. 28o mm from pivot point to short side
Min. door thickness	4o mm

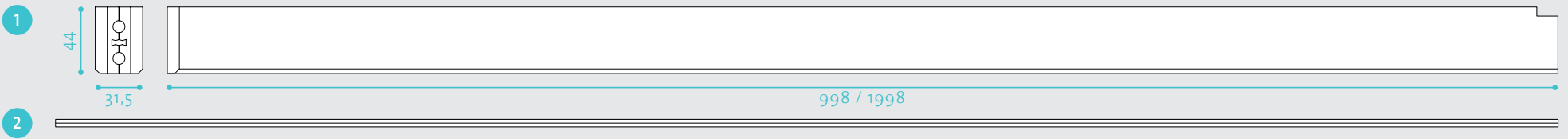


The Hexagon Guide can ease the installation of the pivot door. The minimum distance from the pivot point to the edge of the door is 40mm and the maximum distance is the middle of the door width.

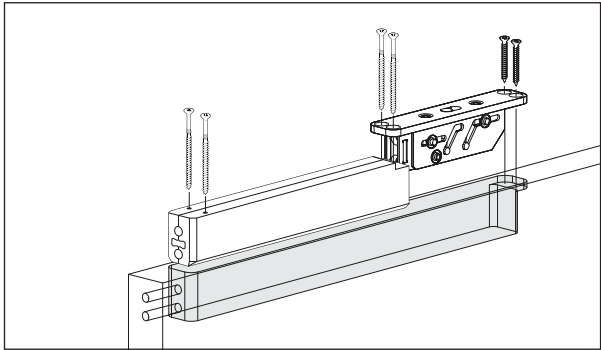
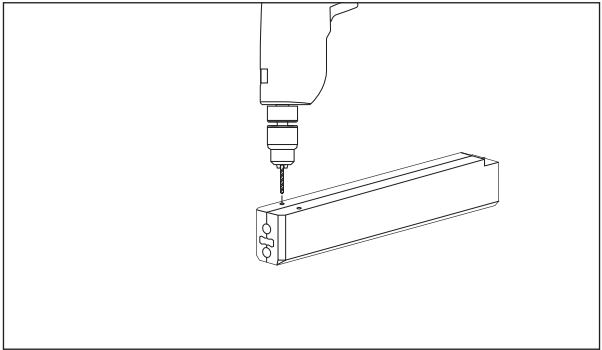
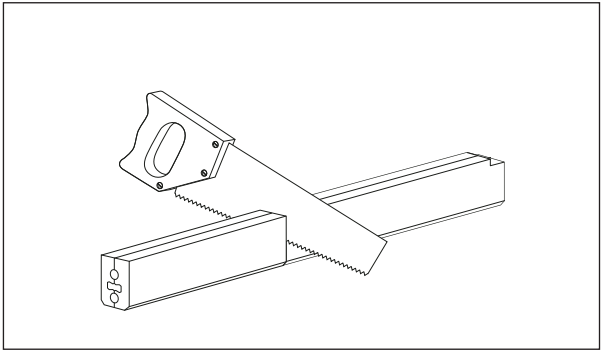
When the pivot point is greater than 280 mm from the edge of the door, the Hexagon Guide can help to make the installation even easier.

HEXAGON GUIDE COMPONENTS

- 1. Hexagon Guide
- 2. Hexagon key



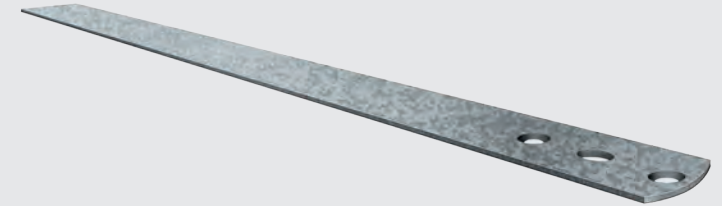
INSTALLATION



AXLE WRENCH

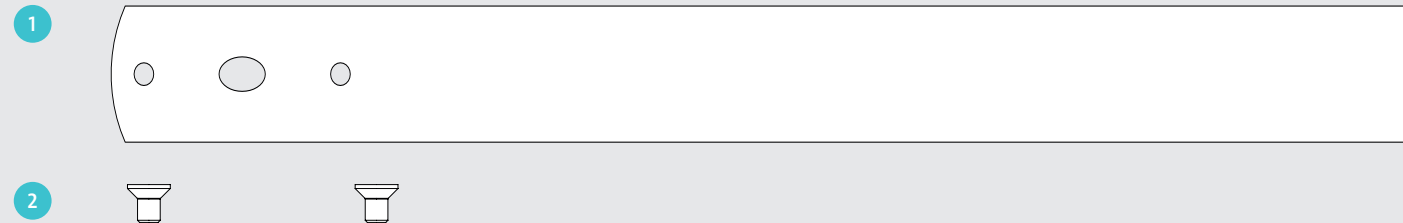
SPECIFICATIONS

Types	FritsJurgens Axle Wrench (FJ500503)
Dimensions	400 x 36 x 3 mm



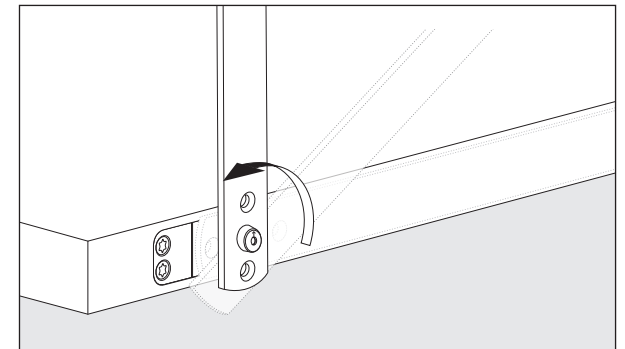
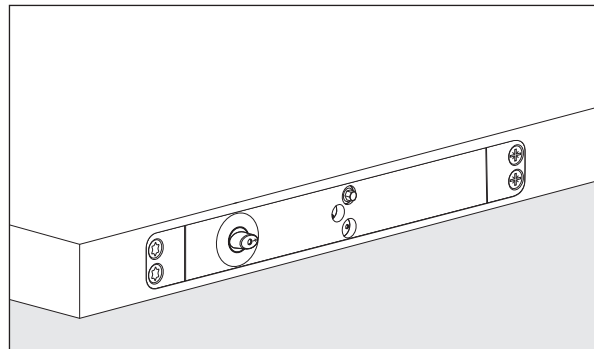
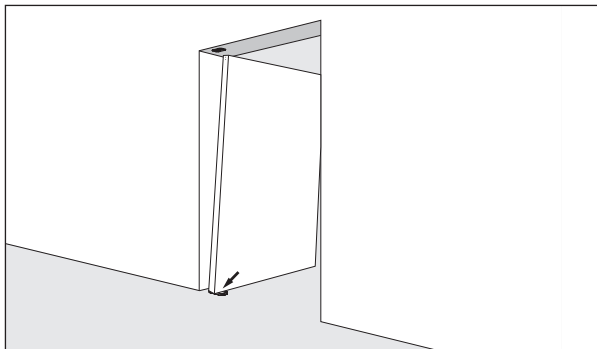
AXLE WRENCH COMPONENTS

1. Axle Wrench
2. 2x M6 fixing screws (in case of frequent use it is possible to mount the floor plate on the Axle Wrench).



When installing a door fitted with System M+, it is very important that the door is installed in its open position. This can be accomplished by using the AxleWrench to rotate the oval spindle in the bottom of the System M+ 90°, pointing the arrow toward the direction the door will be opening (latching side). In case of frequent use it is possible to mount the floor plate on the AxleWrench.

INSTALLATION



ACCESSORIES: THOMPSON SUB-STRATA FLOOR & CEILING PLATE & PACKERS

Function

Engineered to strengthen floor and ceiling substrates when installing FritsJurgens pivot systems, this reinforcement solution distributes the substantial loads generated by large-format pivot doors across a broader surface area.

Oversized and heavy pivot doors can create highly concentrated stresses at the pivot points. Where the sub-strata or ceiling structure is not designed for these point loads, there is an increased risk of cracking, movement, or long-term fatigue. By spreading the load beyond the standard pivot floor and ceiling plates, this system reduces stress concentration and improves structural reliability over time.

Designed for Installation Flexibility

Key benefits include:

- Load-spreading base plate to reduce cracking risk in sub-strata and ceiling finishes
- Slab-edge mounting capability for challenging structural conditions
- Includes packers to build up to finished floor height (where required)
- Predefined fixing positions on the base plate for both the packers and the pivot floor plate
- Three base-plate mounting positions to suit the installation:
- Edge mounting
- Side mounting
- Central mounting

The result is a practical, installer-friendly solution that improves both structural security and on-site efficiency — particularly in premium residential and commercial pivot door applications.

Engineered for strength. Designed for certainty.

Components

- 1 x Sub Strata Base Plate
- 1 x 10mm Base Plate Packer
- 1 x 5mm Base Plate Packer
- 1 x 3mm Base Plate Packer
- 2 x 1mm Base Plate Packer
- 8 x M8 Mounting Bolts

Specifications

FritsJurgens modles	All
Weight capacity	0-500 KG
Door width	Max 5000mm
Material	Galvanised stainless steel
Pivot point	Min. 40 mm from pivot point to short side

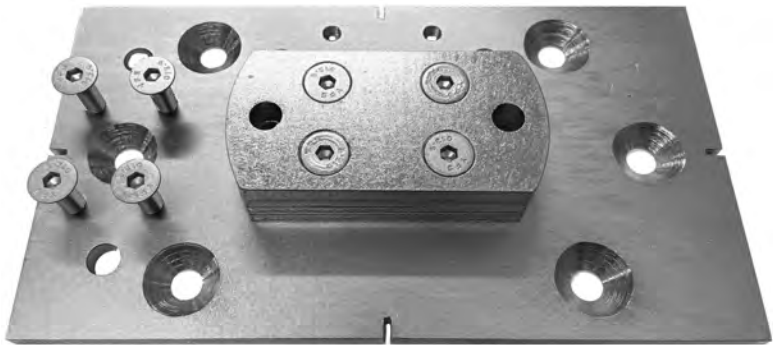
Ordering codes:

Ceiling kit

- TFTPKIT - Full kit
- TFTP1 - 1mm ceiling plate packer
- TFTP3 - 3mm ceiling plate packer
- TFTP5 - 5mm ceiling plate packer
- TFTP10 - 10mm ceiling plate packer

Floor kit

- TFBKIT - Full kit
- TFBP1 - 1mm floor plate packer
- TFBP3 - 3mm floor plate packer
- TFBP5 - 5mm floor plate packer
- TFBP10 - 10mm floor plate packer



ACCESSORIES: SCHALL-EX® L15/30 WS PIVOT AUTO SEAL

Function

Precision Sealing for Pivot Doors — Engineered and Made by Athmer in Germany

Until now, traditional drop seals have struggled to perform reliably on pivot doors — often fouled by floor spring hardware or compromised by the unique movement of the door leaf.

Athmer has solved this challenge with an innovative adjustable roller actuator, redefining how automatic door seals engage.

Unlike conventional actuators that press against a fixed point on the jamb, the Athmer roller actuator engages by rolling smoothly along the jamb surface. This subtle yet critical difference eliminates point-pressure friction, allowing the seal to activate consistently without interference from pivot hardware or the complex geometry of pivot door movement.

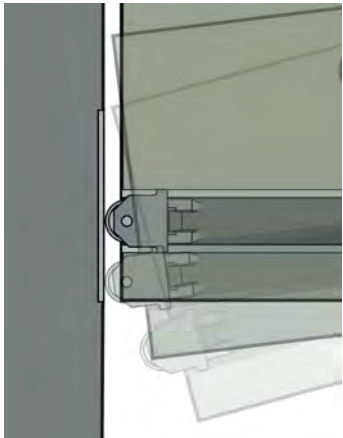
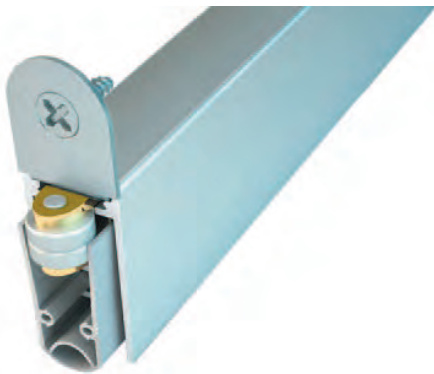
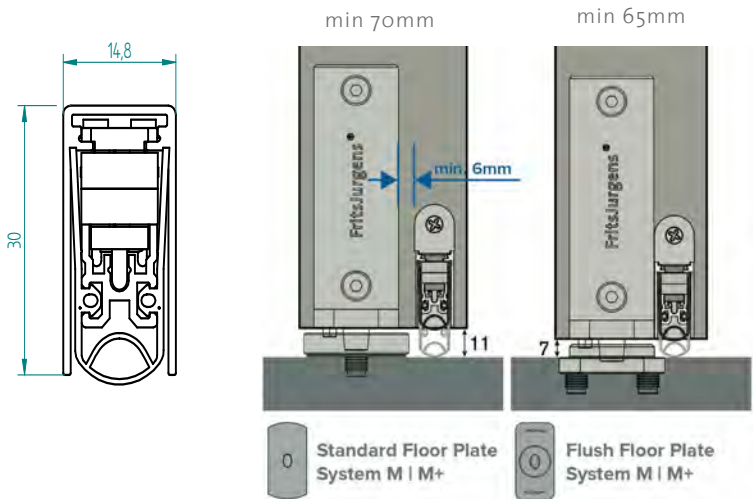
The result is smooth engagement, reduced wear, and reliable acoustic and draft sealing — even on large-format pivot doors.

The Athmer Schall-Ex L15/30 WS is available in lengths up to 2335mm and can be installed at the top and/or bottom of the door leaf, providing comprehensive horizontal sealing.

When paired with Athmer BAA 1028/3000 magnetic side strips, a complete perimeter sealing system is achieved — delivering acoustic control and performance previously difficult to realise in pivot door applications.

Specifications

FritsJurgens models	All
Actuator	Roller
Door width	635 upto 2350mm
Max seal travel	12mm
Position	Top and bottom of door
Ordering codes:	BAA946/0820 820mm can be shortened to 635mm BAA946/0920 920mm can be shortened to 760mm BAA946/1070 1070mm can be shortened to 885mm BAA946/1210 1210mm can be shortened to 1010mm BAA946/1333 1333mm can be shortened to 1135mm BAA946/1583 1583mm can be shortened to 1385mm BAA946/1708 1708mm can be shortened to 1510mm BAA946/1883 1883mm can be shortened to 1635mm BAA946/2000 2000mm can be shortened to 1885mm BAA946/2150 2150mm can be shortened to 2010mm BAA946/2335 2335mm can be shortened to 2135mm BAA946/ASS Actuating roller plate SSS





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