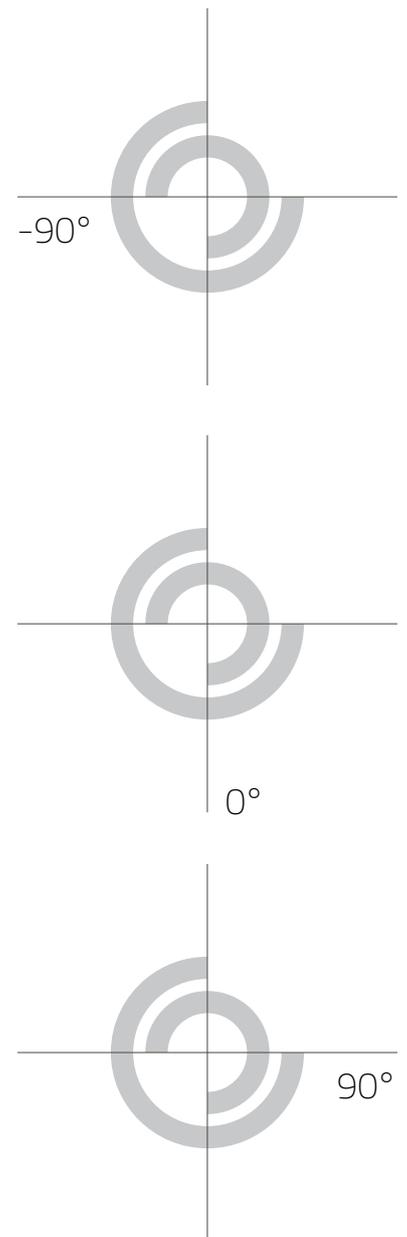




BELLEVUE
ARCHITECTURAL

FritsJurgens Pivot Door System Product Range Brochure

About Bellevue and FritJurgens



For over 30 years, the name Bellevue Architectural (formerly Bellevue Imports) has always been synonymous with providing the latest in designer fittings from the European marketplace that create visual attraction and differentiation without compromising quality, design or affordability. Bellevue's products have been used all over Australia and New Zealand from small projects through to large (project pricing available). Bellevue's products are designed and manufactured by people from within the design industry, people who truly believe that design and quality is an integral part of creating something special and unique.

Today Bellevue is proud to present the FritsJurgens range of concealed pivots. 100% Made in Holland, they are used in a variety of applications both commercial and residential. The FritsJurgens concealed pivots are ideal for doors that need to blend into a wall and provide a clean look and feel.

Aesthetically pleasing to the eye as they disappear once the door is closed, the FritsJurgens pivots have won international design recognition and their products are used worldwide. Used in residential, commercial and industrial environments, FritsJurgens pivots are ideal for front entry doors, office doors and partition doors, just to name a few.

Located in Holland, FritsJurgens is considered a world leader in innovation, design & quality. No other concealed pivot of this type can compete with FritsJurgens's technical product strengths, durability, longevity and cost.

SystemOne: Manual Concealed Pivot - 360° Free Swing

FJS01MK - doors up to 500 kg & 4000mm wide (2000mm from pivot point) Pg. 4

System3: Fully Sprung Concealed Pivot - Hold Open, Self Close, 360° swing

FJS316K - doors up to 40 kg & 1300mm wide (650mm from pivot point) Pg. 6

FJS320K - doors up to 70 kg & 1600mm wide (800mm from pivot point) Pg. 6

FJS324K - doors up to 110 kg & 2000mm wide (1000mm from pivot point) Pg. 6

FJS328K - doors up to 200 kg & 3000mm wide (1500mm from pivot point) Pg. 6

System 4: Fully Sprung Concealed Pivot - Hold Open, Self Close, 180° swing with soft close

FJS42SK - doors up to 200 kg & 4000mm wide (2000mm from pivot point) Pg. 8

Technical Drawings, Accessories and Spare Parts

Setting options - top and bottom pivots Pg. 13

Product dimensions Pg. 14

Optional products Pg. 19

Top pivot with cable grommet hole (ideal for indoor security cabling) Pg. 19

Top and bottom plate options Pg. 20

Ordering Guide

Complete kits description and makeup Pg. 22

SystemOne pivot overview

The FritsJurgens SystemOne pivot stands out from other pivot systems in that all the technology is in the door. This makes the interface with the wall, floor and the ceiling subtle and stylish. No imposing floor plate to diminish the visual attraction of the door.

Designed as a free swinging pivot, it's movement is from 0 through to a full 360 degrees. The SytemOne is unlike traditional manual pivot systems due to the fact it is fully embedded in the door.

The SystemOne requires a minimum pivot point from the edge of the door of only 91mm. This gives a wider opening area than some traditional pivot solutions that need to be set further in from the edge of the door.

By positioning the pivot in the centre of the door you can double the door's width, you can also achieve a full 360° swing. Creating diversity in the use of a pivot door within an environment.

Brilliantly designed, SystemOne is unlike traditional pivots due to it being fully embedded in the door. There is no visible pivot hardware at the top or bottom of the door. An added benefit; there is nothing to rebate into the floor or ceiling. Saving significant time and money on installation.

This key aesthetic and design element is unique to the FritsJurgens systems and is no accident. All the FritsJurgens pivot systems have been designed with this key feature in mind.



Nothing to rebate in the floor or ceiling



Very high bearing capacity



Maintenance-free system



Simple, fast fitting



Minimum door thickness 40mm



Ideal for hydronic heated floors

FritsJurgens SystemOne

FritsJurgens SystemOne provides the required functionality for the fitting of a pivot door in a compact system. In contrast to the System3 and System4 this system does not have a closing mechanism or hold open positions.

SystemOne comes with a 2 year manufactures guarantee

Minimum pivot point: 91mm from door edge

| Product Code | max door weight (kg) | maximum door width (mm) |
|-------------------------|----------------------|------------------------------|
| FJS01MK | 500 | 4000 (2000 from pivot point) |
| Swing: 0 to 360 degrees | | |



top pivot



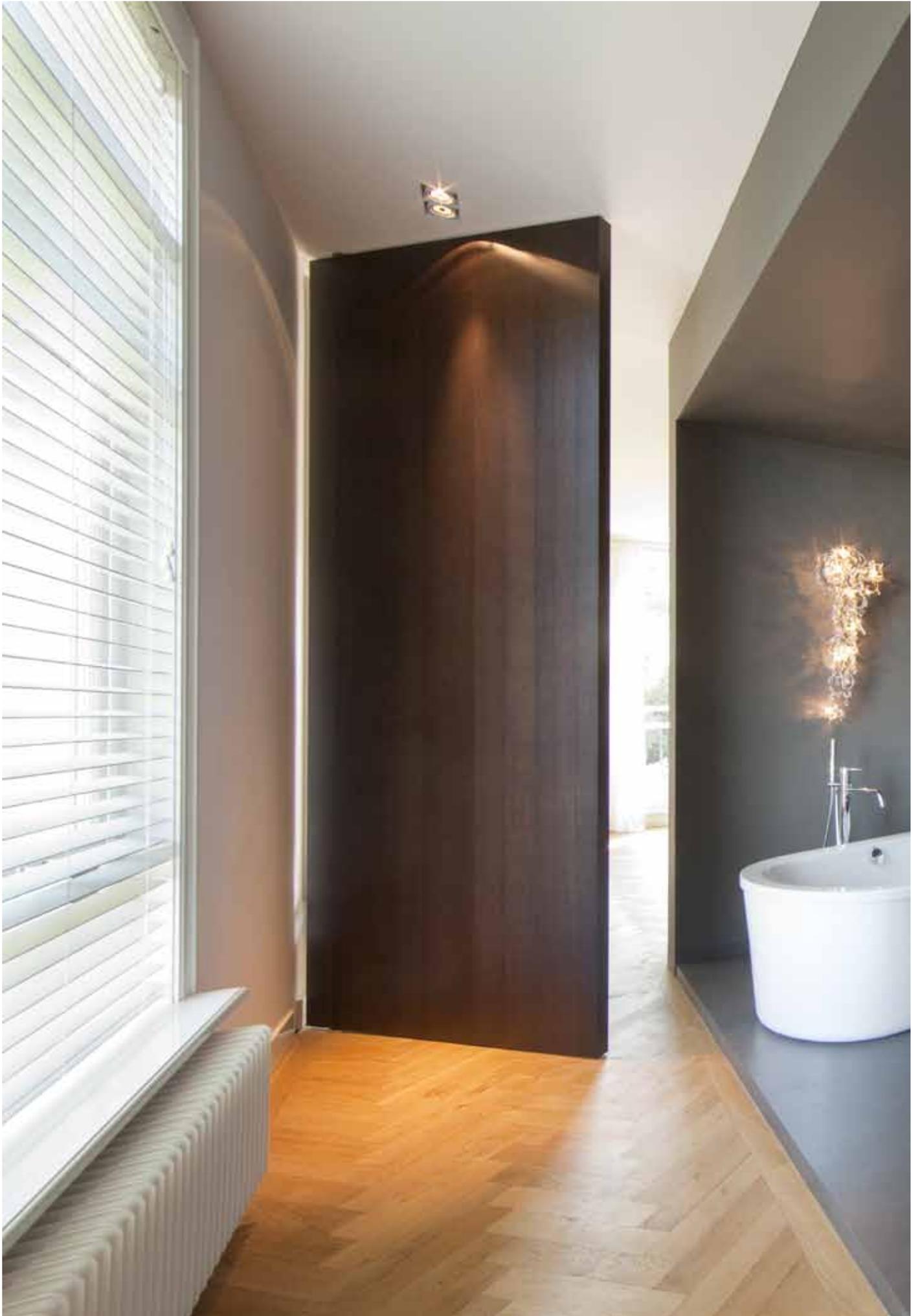
ceiling plate



bottom pivot



floor plate



System3 pivot overview

The FritsJurgens System3 pivot stands out from other pivot systems in that all the technology is in the door. This makes the interface with the wall, floor and the ceiling subtle and stylish. No imposing floor plate to diminish the visual attraction of the door.

Traditional spring pivots require you to push the door to nearly, if not 90° before the hold open activates, System3 only requires the door go beyond 45° for activation. By letting go at that point, System3 will automatically move the door into the hold open position by itself.

The Self Close function works in reverse. By letting go before the door reaches 45°, the door will self-close, it will move by itself back to its original position.

For a 90° or 180° swinging door, minimum pivot point from the edge of the door is only 91mm. This gives a wider opening area than traditional pivot solutions that need to be set further in from the edge of the door.

By positioning the pivot in the centre of the door you can double the door's width, you can also achieve a full 360° swing & utilize the Hold Open and the Self Close functions. Creating diversity in the use of a pivot door within an environment.

Brilliantly designed, System3 is unlike traditional pivots due to it being fully embedded in the door. There is no visible pivot hardware at the top or bottom of the door. An added benefit; there is nothing to rebate into the floor or ceiling. Saving significant time and money on installation.

This key aesthetic and design element is unique to the FritsJurgens systems and is no accident. All the FritsJurgens pivot systems have been designed with this key feature in mind.



Nothing to rebate in the floor or ceiling



Very high bearing capacity



Maintenance-free system



Simple, fast fitting



Hold position at 0°, 90°, 180° and 270°



Minimum door thickness 40mm



Ideal for hydronic heated floors

FritsJurgens System3

FritsJurgens System3 is characterised by a hold-open position at 0°, 90°, 180° and 270°. This means that the door is spring-loaded and closes from each 45° in both directions and stops in the desired direction.

System3 comes with a 2 year manufactures guarantee

Minimum pivot point: 91mm from door edge



| Product Code | max door weight (kg) | maximum door weight at guaranteed closing force (kg) | maximum door width (mm) |
|--|----------------------|--|------------------------------|
| FJS316K | 500 | to 40 | 1300 (650 from pivot point) |
| FJS320K | 500 | to 70 | 1600 (800 from pivot point) |
| FJS324K | 500 | to 110 | 2000 (1000 from pivot point) |
| FJS328K | 500 | up to 200 | 3000 (1500 from pivot point) |
| Swing: 0 to 360 degrees Hold Open - 0, 90, 180, 270 degrees Self close - at 45 degrees, within each 90 degree quadrant | | | |



System4 pivot overview

The FritsJurgens System4 pivot stands out from other pivot systems in that all the technology is in the door. This makes the interface with the wall, floor and the ceiling subtle and stylish. No imposing floor plate to diminish the visual attraction of the door.

The System4 pivot has been designed to provide 0° to 90° for single swing doors or 0° to 180° movement for double action doors. In either case the door will always stay open with the built in Hold Open function set at 90° and -90°.

The System4 requires a minimum pivot point from the edge of the door of only 91mm. This gives a wider opening area than traditional pivot solutions that need to be set further in from the edge of the door.

System4 incorporates an adjustable closing force feature, this feature allows you to increase and decrease the closing force / strength of the pivot, thus the speed of the door. If the door is moving too fast, simply increase the brake and it will slow down.

An added benefit is that you do not need to bring the door down to make this adjustment. Using the Allen key supplied simply insert and twist.

Brilliantly designed, System4 is unlike traditional pivots due to it being fully embedded in the door. There is no visible pivot hardware at the top or bottom of the door. An added benefit; there is nothing to rebate into the floor or ceiling. Saving significant time and money on installation.

This key aesthetic and design element is unique to the FritsJurgens systems and is no accident. All the FritsJurgens pivot systems have been designed with this key feature in mind.



Nothing to rebate in the floor or ceiling



Very high bearing capacity



Maintenance-free system



Simple, fast fitting



Damped closure



Adjustable closing force



Minimum door thickness 48mm



Ideal for hydronic heated floors

FritsJurgens System4

FritsJurgens System4 stands out from other systems by virtue of the unique way in which the door closes. This pivot door system with infinitely variable closing force is suitable for doors up to 200kg. The system has a hold position at 90 and -90 degrees.

System4 comes with a 2 year manufactures guarantee

Minimum pivot point: 91mm from door edge

| Product Code | max door weight (kg) | maximum door weight at guaranteed closing force (kg) | maximum door width (mm) |
|--|----------------------|--|------------------------------|
| FJS42SK | 500 | up to 200 | 4000 (2000 from pivot point) |
| Swing: 90 to -90 (180) degrees Hold Open 90, 0, -90 degrees Soft close with variable closing speed Self close - let go before 88 degrees, within each 90 degree quadrant Hold open - push the door past 88 degrees, within each 90 degree quadrant | | | |



top pivot



ceiling plate



bottom pivot



floor plate



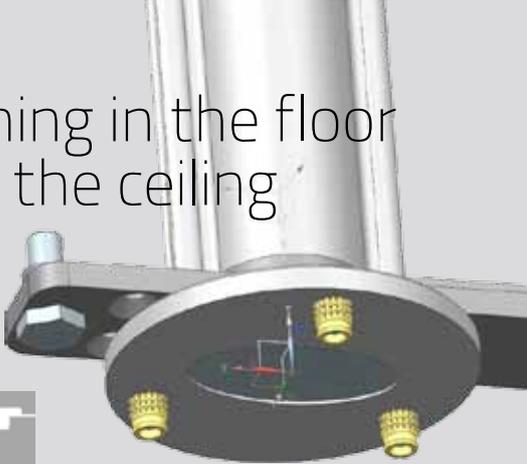
technical features

The FritsJurgens pivot door system stands out because all the technology is fitted in the door. This makes the interface with the wall, floor ceiling subtle and stylish.

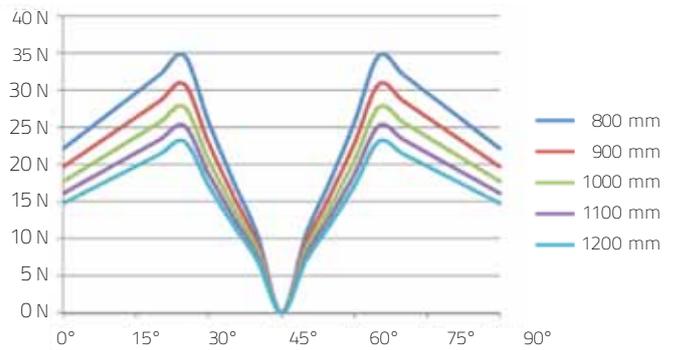
It is a pivot door system with hold-open position at 0°, 90°, 180° and 270°. FritsJurgens pivot door system can be used with swing doors and doors with a stop, up to a maximum weight of 500 kg and a maximum width of 2,000 mm from the pivot point to the end of the door. Wider doors are possible, closing force decreases.

For particularly high doors, heavy doors and / or constant headwind or overpressure in closing doors, increase to one pivot door strength higher than usual.

Nothing in the floor or in the ceiling




All the door technology is fitted in the door not in the floor. The top pivot is also fitted in the door, no rebates need to be made in the ceiling.




Self-closing hold positions

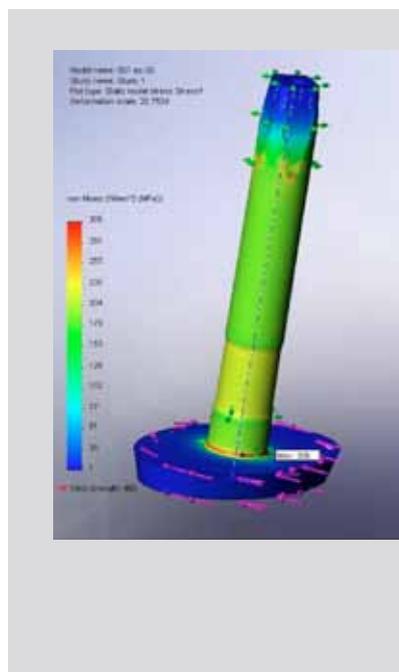
A beautiful door requires outstanding technology. Self-closing with a hold position every ninety degrees. Which means you no longer need spring latches, cranks, frames or slats.

Very high bearing capacity



It is technically possible to achieve high bearing capacities by using floating bearings that are manufactured using very wear-resistant

polymers and are improved by the addition of reinforcement materials and solid lubricants geared precisely to each other. Which means that large pivot doors are not a problem.



Maintenance-free system

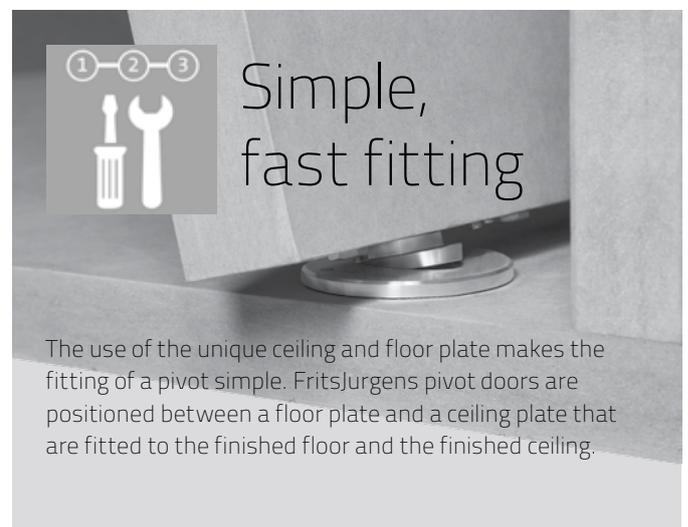
136 years

Thanks to the use of very high-quality materials the system is maintenance-free. Opened and closed one million times, equating to 136 years' of intensive use. The system is also fully manufactured from materials with a high corrosion-resistance.

technical features

The unique characteristics

- No devices need to be fitted in the structural framework
- Door can be fitted afterwards
- Minimum pivot point: 91mm from end of door
- Can be used in situations with underfloor heating
- All the main functions have been integrated
- Fully tested. Robust construction for doors weighing up to a max. of 500 kg

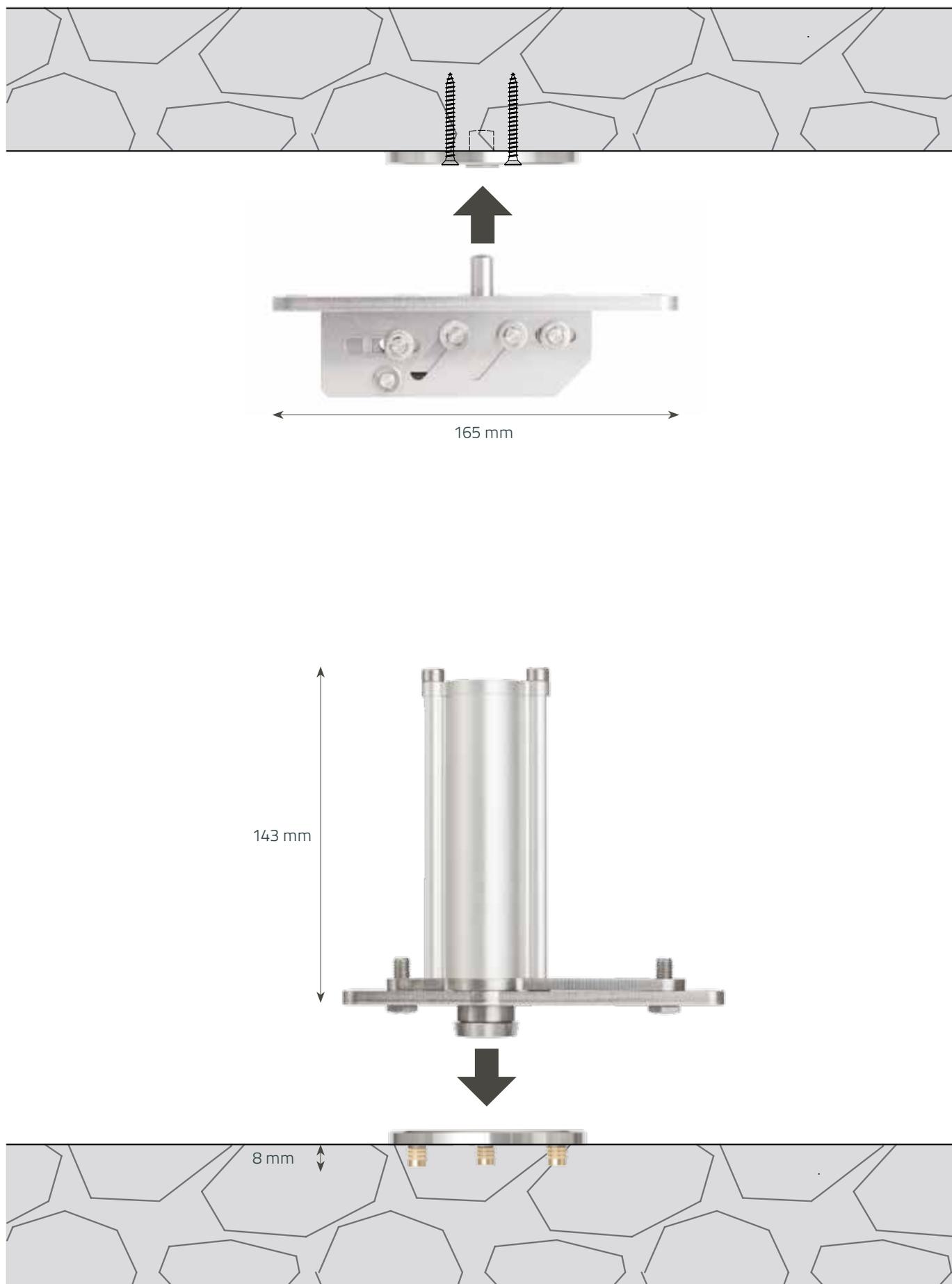


Every door - its own "motor"



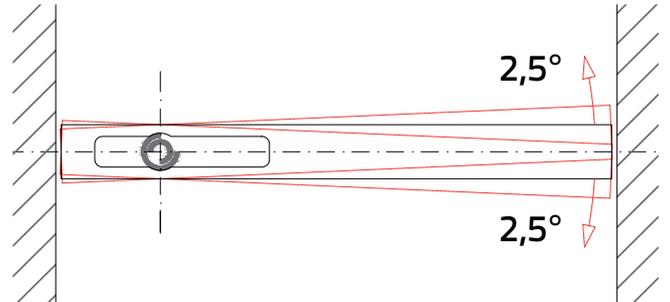
Every door has to work optimally regardless of the weight of the door or its size. So we have developed a mechanical drive unit in four different strengths so that every door up to 200kg remains in the hold position and closes with a good spring action. Every weight - its own "motor". All variants of the System3-series have secured positions at 0°, 90° and -90°, the same geometry, and fit into the same slot in the door. The pivot door systems have a load capacity of 500 kg.

the pivot system



setting options

Bottom pivot



Loosen if the pivot is set off-centre, align door and then tighten. Securing bolts - standard for System3 & System4

Top pivot

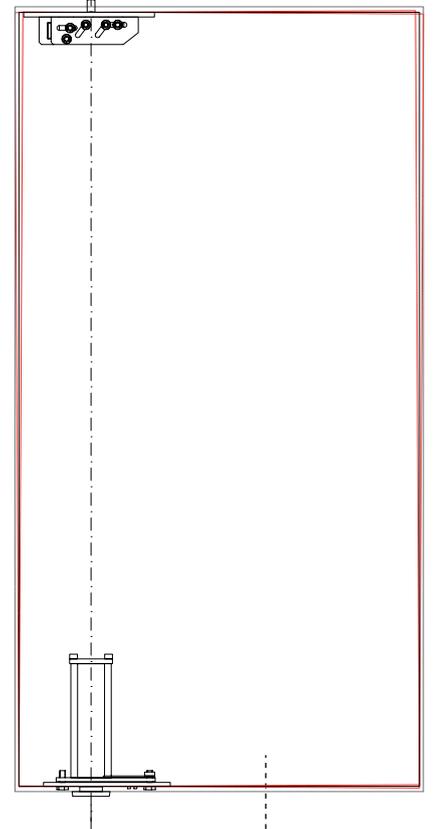


Allen key (5 mm) for mounting the door
To the right = fitting
To the left = removal



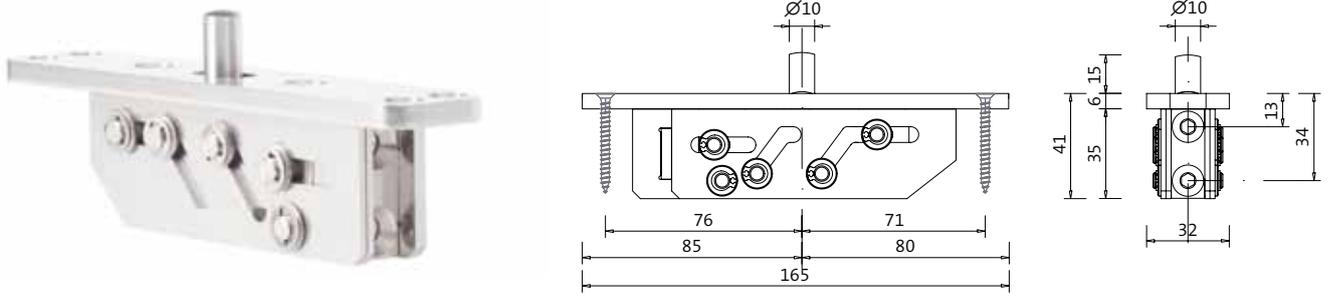
Allen key (5 mm) for setting the hanging and closure joint
To the right = door to the right
To the left = door to the left

5 mm 5 mm



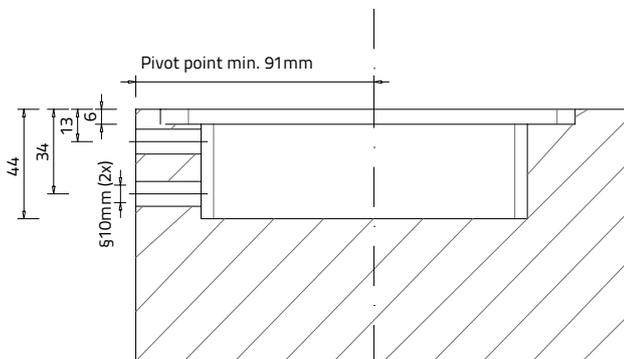
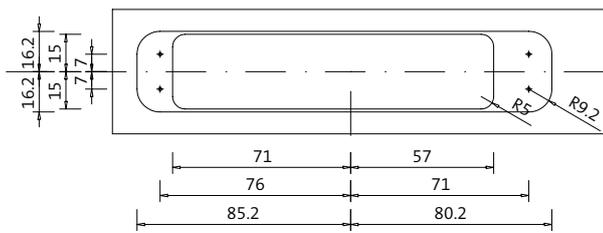
dimensions

FJATC9001 Top pivot for SystemOne, System3 and Sytem4



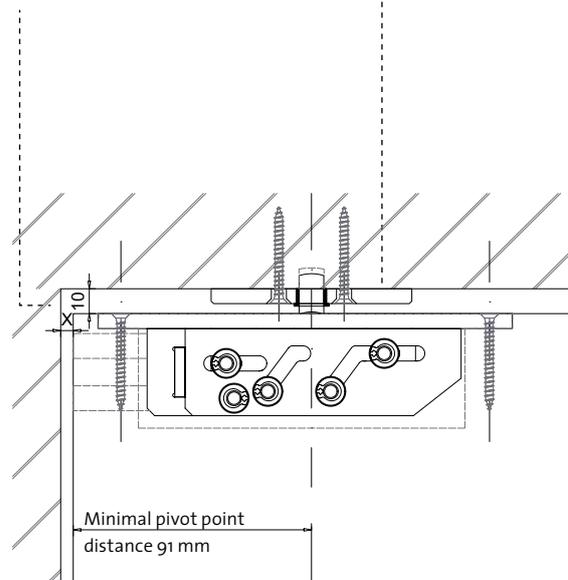
milling drawing

dimensions around door



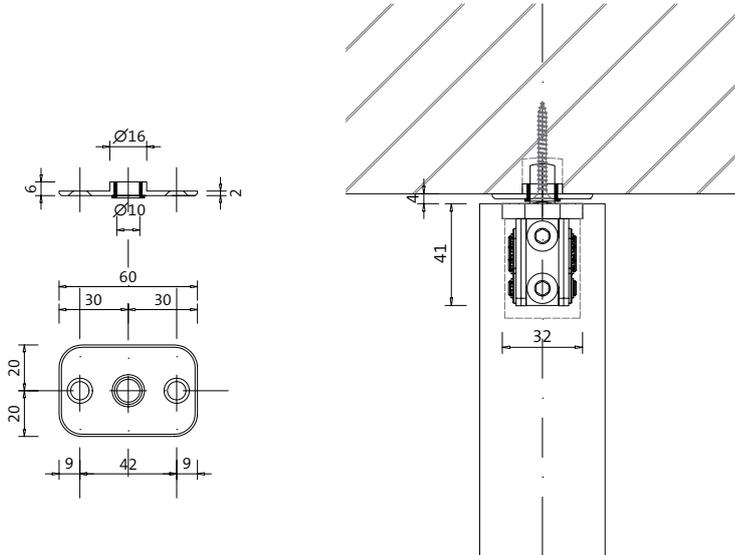
X = Door thickness in mm
divided by 10

Ceiling plate PPR80-B01 RVS

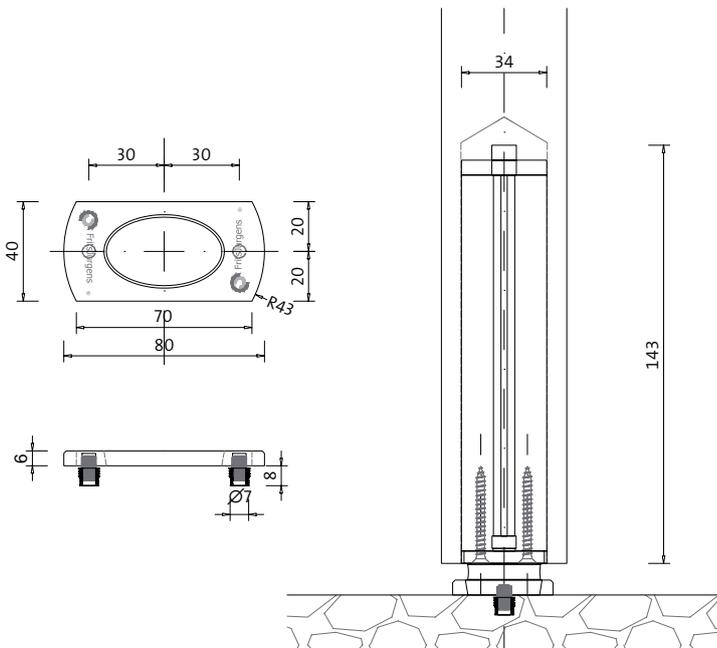


dimensions

Ceiling plate FJPP6040T

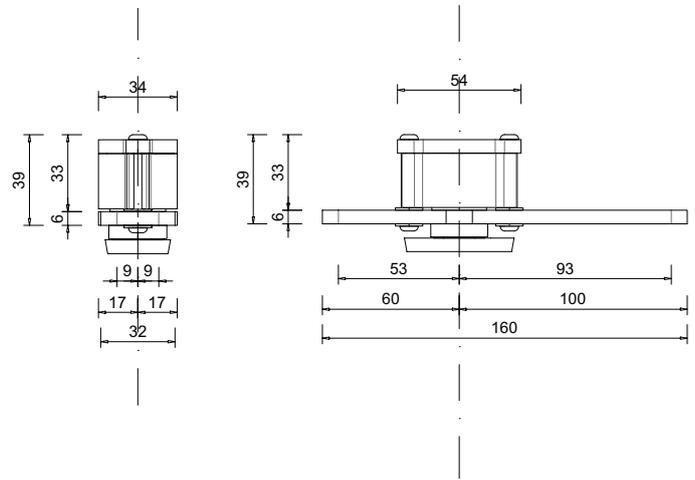


Floor plate FJVP8040B



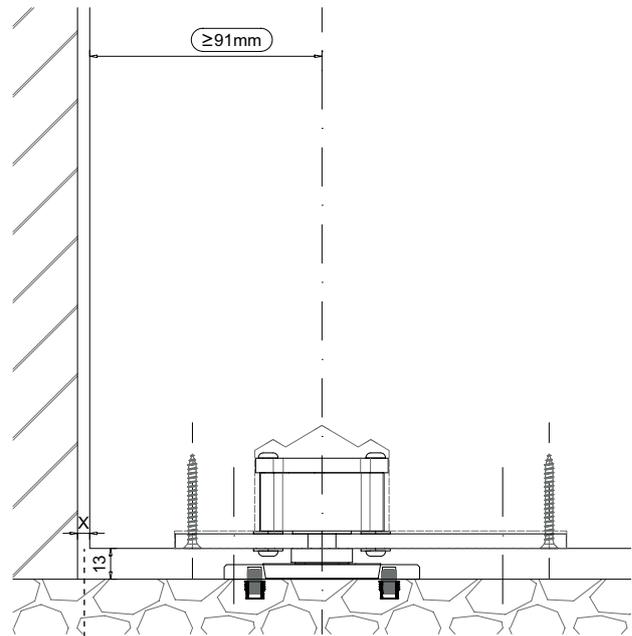
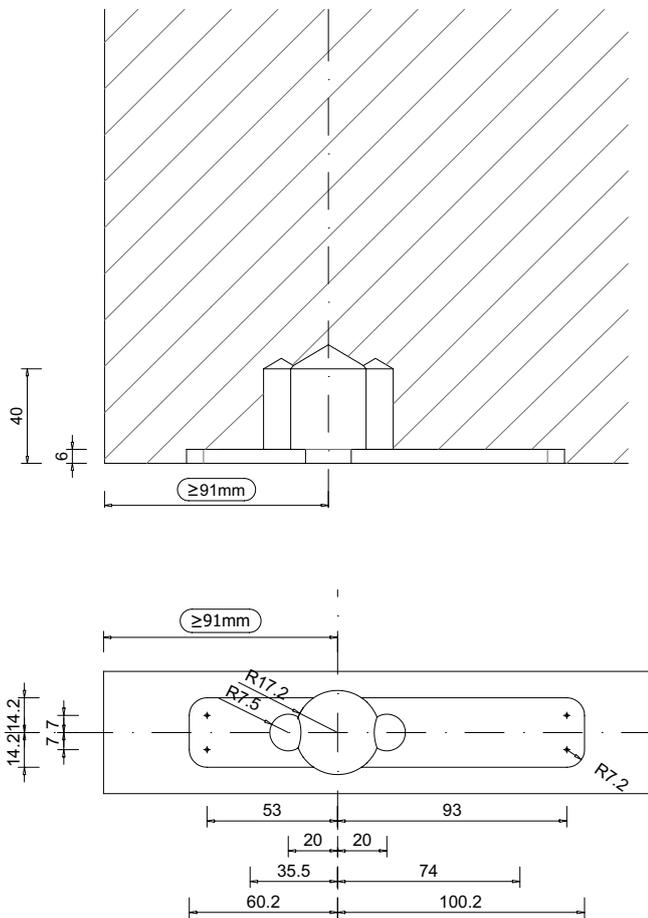
dimensions

Bottom pivot for SystemOne



milling drawing

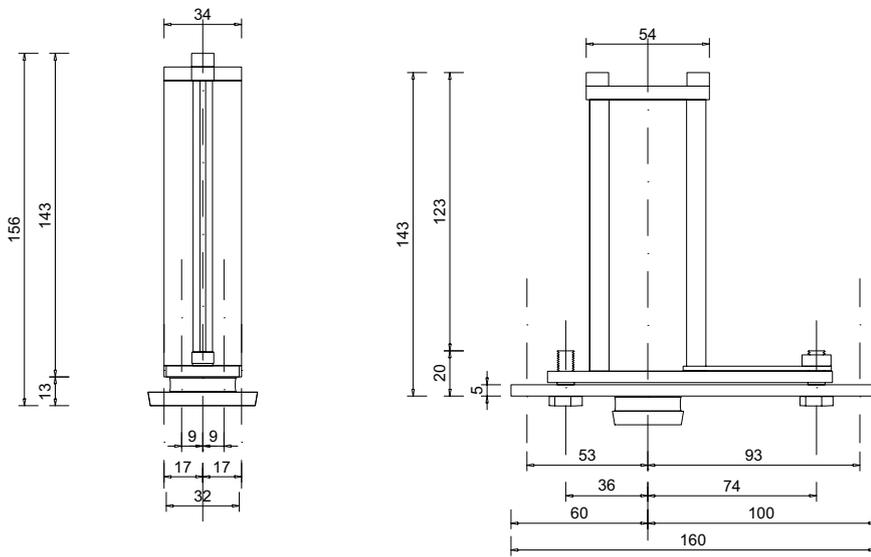
dimensions around door



X = thickness of door in mm divided by 10

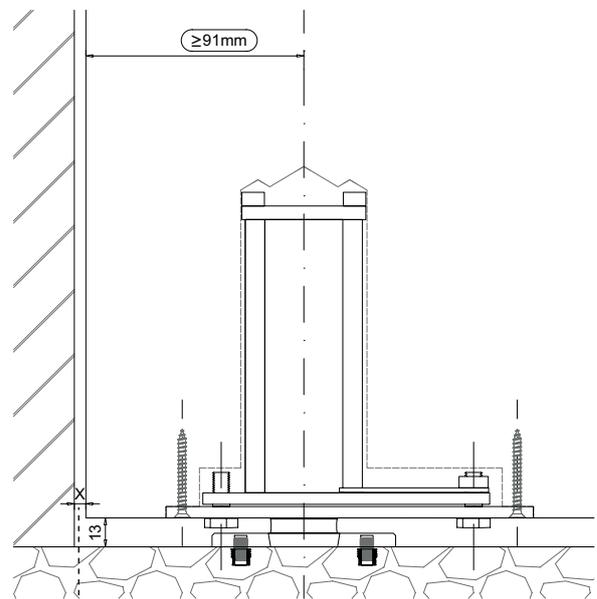
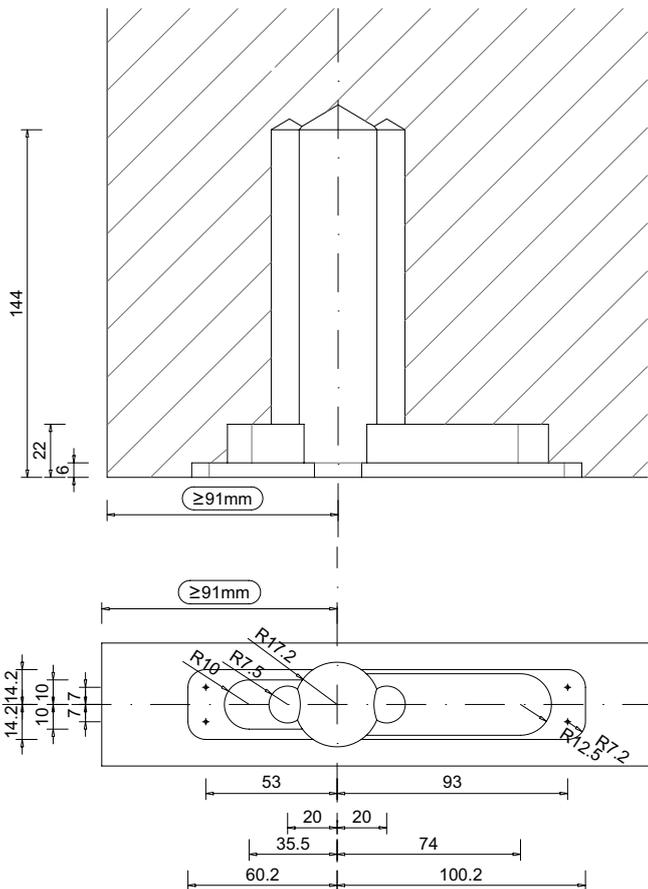
dimensions

Bottom pivot for System3



milling drawing

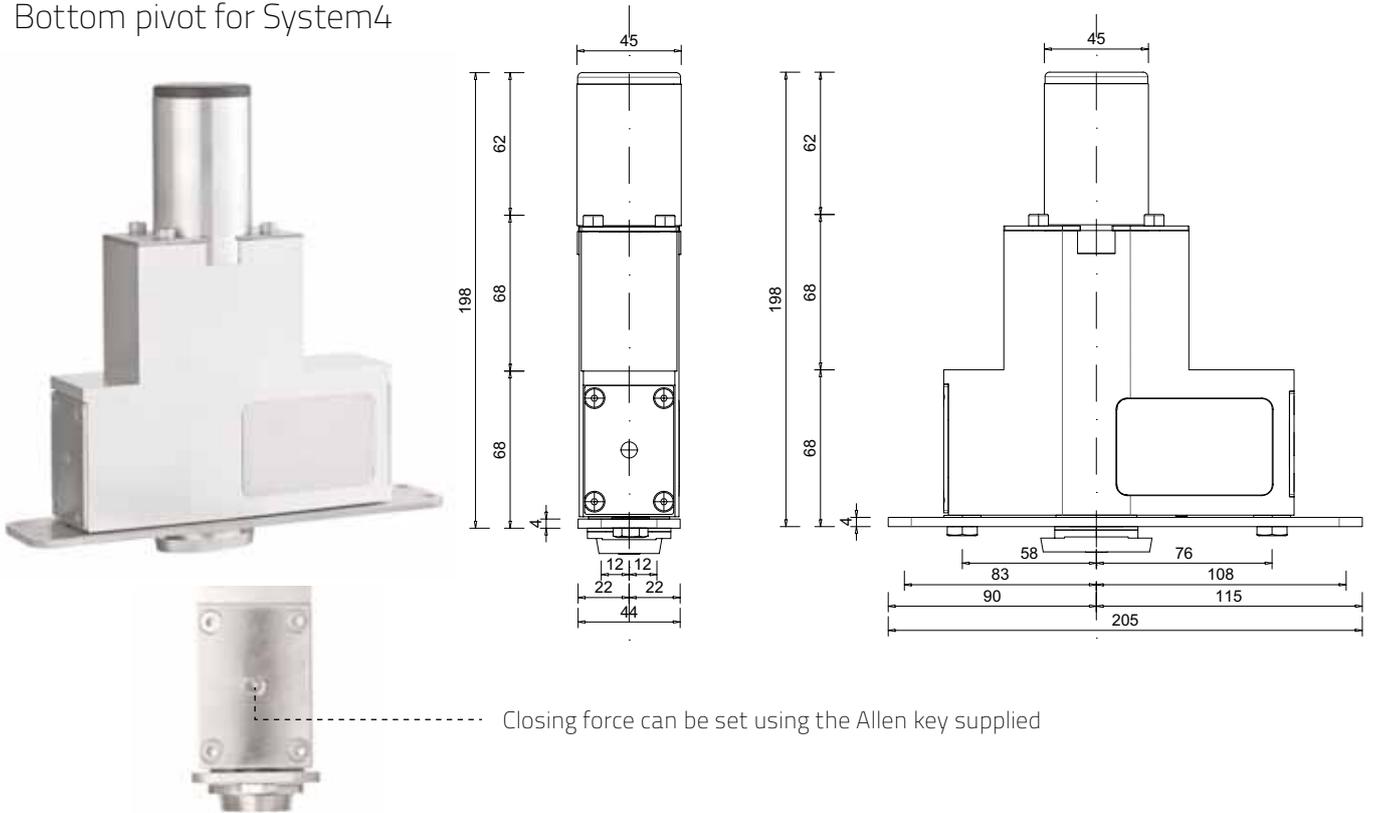
dimensions around door



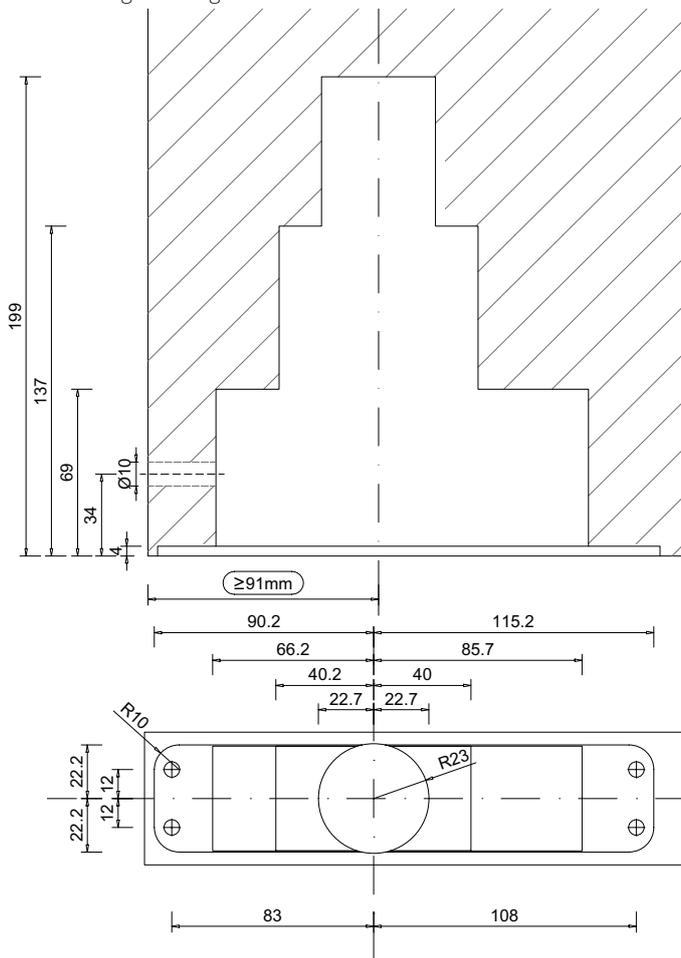
X = thickness of door in mm divided by 10

dimensions

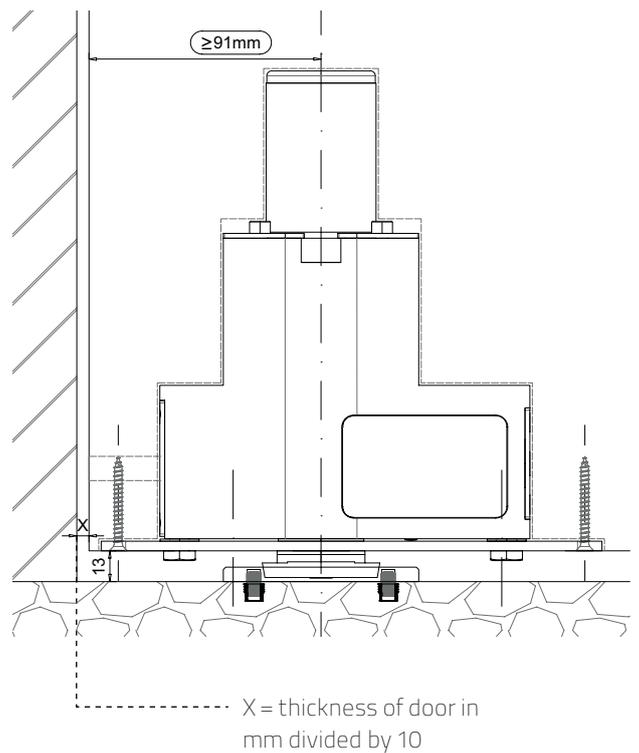
Bottom pivot for System4



milling drawing



dimensions around door

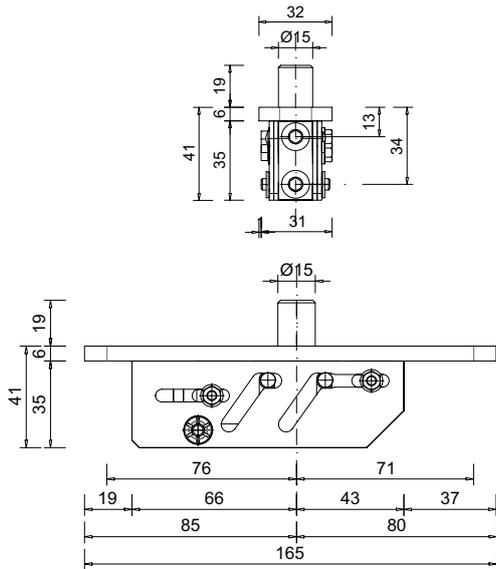


optional products

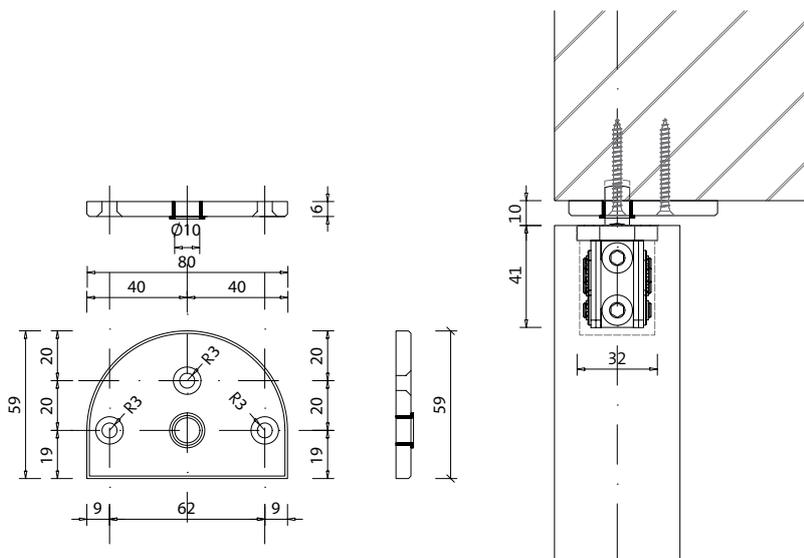
FJATC9101 Top pivot with 8mm cable grommet hole

An addition to the existing FritsJurgens systems is the top pivot with cable grommet and associated ceiling plate. The pin or spindle has an 8mm hole, through which a cable can be fitted in the door. This extra functionality can be used, for example, for electric security or access control within the door..

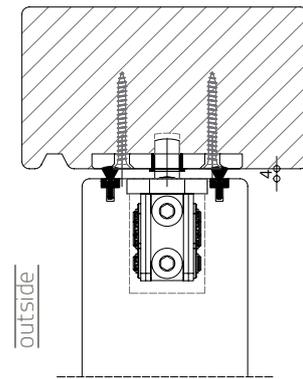
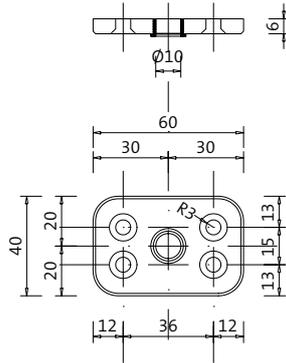
With an 8mm hole for electrical cables



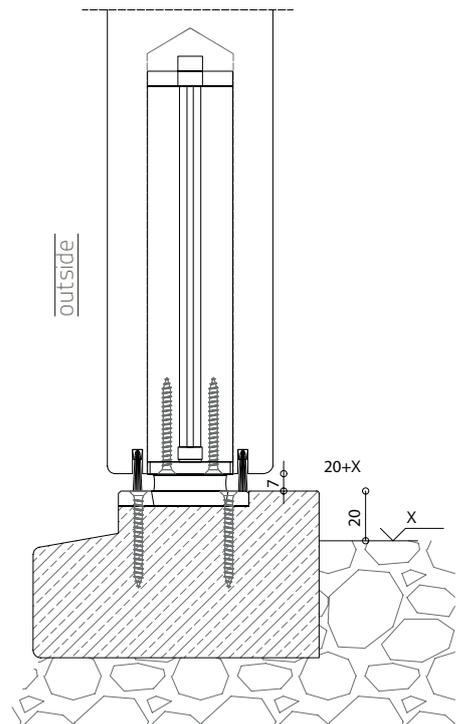
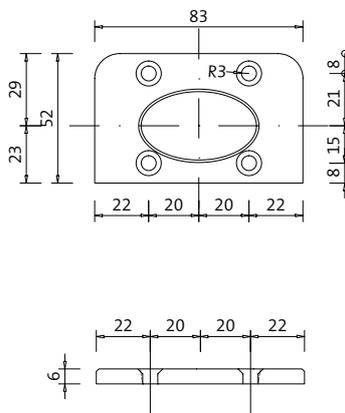
Ceiling plate FJPPK59T



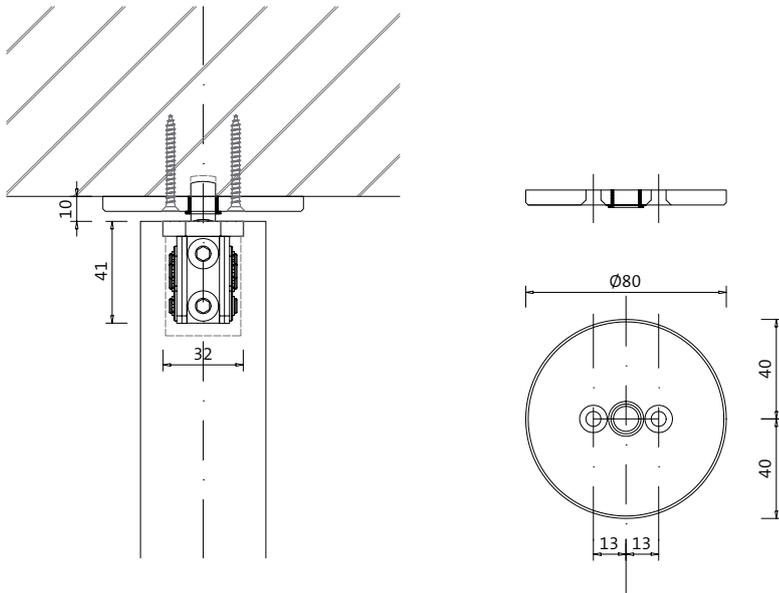
Ceiling plate FJVP6040TE



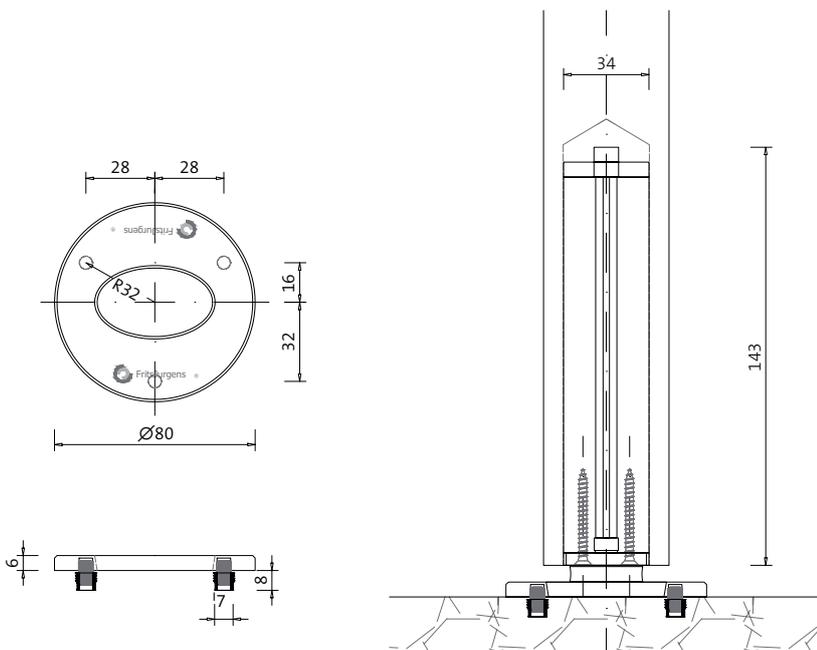
Floor plate FJVP8352BE



Ceiling plate FJPPR80T



Floor plate FJVPR80B



content of hinge package

The FritsJurgens System kits contains all the elements needed to hang 1 pivot door.

| Quantity | Part | Description |
|----------|---------------------------------------|--------------------|
| 1 Item | SERIES (1MK/316K/320K/324K/328K/425K) | Bottom pivot |
| 1 Item | FJATC9001 | Top pivot |
| 1 Item | FJPP6040T | Ceiling plate |
| 1 Item | FJVP8040B | Floor plate |
| 1 Item | S01 | Adjustment spanner |
| 1 Item | Fitting template 95 mm | |
| 1 Tube | Fitting adhesive | |
| 1 Item | Fitting instructions | |
| 1 Item | Allen key | |



Bottom pivot
FJS BOTTOM PIVOT-SERIES
(1MK/316K/320K/324K/328K/425K)



Ceiling plate
FJPP6040T



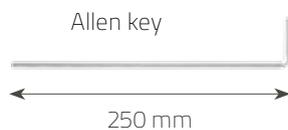
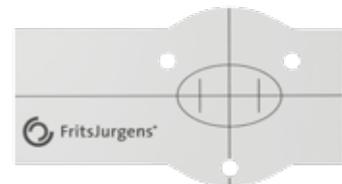
Top pivot
FJATC9001



Floor plate
FJVP8040B



Fitting template



Fitting adhesive



Adjustment spanner
S01







FritsJurgens[®] by Bellevue

Bellevue Architectural
954 Glenhuntly Road, Caulfield South, Victoria, Australia, 3162

Call Us Or Visit Our Web Site For Your Nearest Display Centre.

Phone: +61 (0)3 9571 5665

Web: www.bellevuearch.com.au

Fax: +61 (0)3 9571 1347

eMail: info@bellevuearch.com.au

FritsJurgens System: Product Brochure V1.1

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