FritsJurgens®

“A perfect design is innovative, functional, beautiful and usable.”
- Mr. Frits Jurgens

At FritsJurgens, this belief shapes everything we create. We see design not as a balance of compromises, but as the pursuit of harmony between performance, aesthetics, and everyday usability. Every detail is considered, every movement refined, and every solution developed with one clear purpose: to let architecture speak freely.

Guided by this philosophy, we developed a pivot system that supports creative ambition without limitation.

1. No more in-floor closer, an in-door closer instead.
2. Performance and capacity to carry even the largest doors.
3. Only a small floor and ceiling plate visible to let the design of the door speak for itself.
4. Easy to install in new and retrofit situations, even with radiant floor heating.
5. Suitable for every possible door material.
6. Designed to stand the test of time.



Location: India
Designed and manufactured by Essentia Environments
Application: A 450 kg showroom entrance door with a monolithic stone look that blends into its surroundings.

The essence of FritsJurgens

FritsJurgens designs and manufactures beautiful, innovative and easy-to install high-end architectural pivot systems. Suitable for both light and heavy doors - up to 500 kg - and compatible with nearly any material, design or size.

Fully concealed within the door, only a minimal floor plate remains visible. Installation requires just two 8 mm pins in the floor, providing maximum design freedom and enabling any creative vision to come to life.

Location: Turkey
Designed by Anvil Architects | Manufactured by Pivot Door
Application: A 6 m tall aluminium door with concealed electrical wiring.

FritsJurgens movement

At FritsJurgens, we believe movement is the starting point of design. We develop each pivot system to deliver a distinct and balanced motion, free swinging when openness is desired, gently controlled when precision is required, and always silent and reliable over time. Whether light or heavy, up to 500 kg, every door moves with the same sense of ease, making weight irrelevant to the experience.

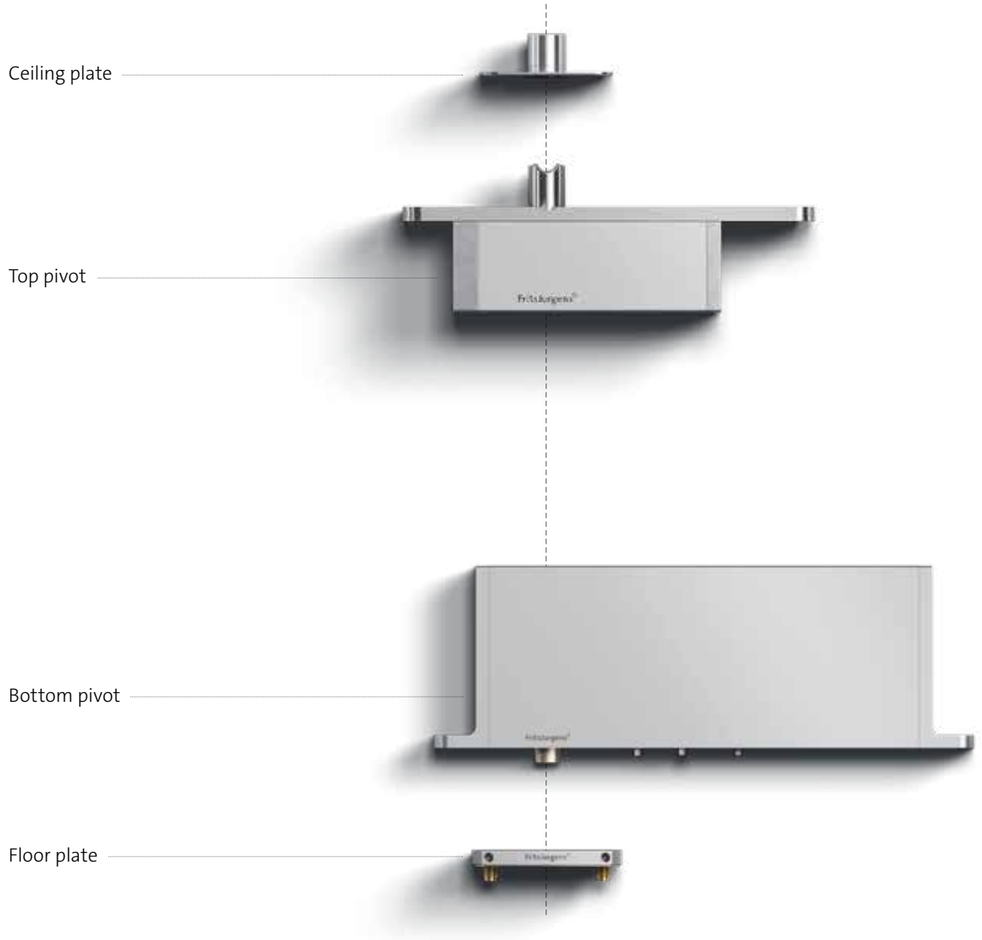


Products

Set overview
Bottom pivots
Top pivots
Floor plates
Ceiling plates
Accessories

Set overview

Our systems always consist of the following components:



Bottom pivots

The bottom pivot is the core component of every FritsJurgens system. Hidden in the bottom of the door, it carries the full weight of the door and defines the pivot point. It determines how the door moves, feels, and functions.

All our bottom pivots can carry doors up to 500 kg.

	40 MM	70 MM
System M+ A self closing pivot system with hold open positions that gives full control over door movement. HYDRAULIC		
System Fx A free-swing pivot system with strong hold open positions at every 90°. MECHANICAL		
System One A compact pivot system allowing smooth, free-swing movement. MECHANICAL		

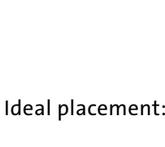
System M+



System M+ is a self closing pivot system with hold open positions that gives full control over door movement.

Features

Rotation



Single-acting

The pivot door can only be opened towards a single side, enforced by an external stop such as the door frame. The grey area in the diagram indicates the zone (from 125° to 0°) where the door self-closes towards the closed position.

Double-acting

The pivot door can be opened towards both sides. The grey area in the diagram indicates the zone (from -125° to 125°) where the door self-closes towards the closed position.

Hold positions

Soft fix at -90° and 90°

The hold positions offer light resistance to help keep the pivot door in place.

Ideal placement:

Side placement

Middle placement

Movement

Thanks to Damper Control, 30° Speed Control, and Latch Control, the movement of System M+ is fully adjustable.

Latch Control

Accelerates the door shortly before closed position to ensure proper latching.

30° Speed Control

Ensures the door is always closed gently, returning to its 0° position smoothly after opening.

Damper Control

Hydraulic back check (opening damping) for wall protection from 80° and soft close with closing damping from 50° for smooth, controlled door movement.



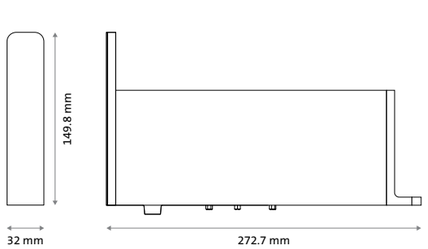
Location: Bahrain
Designed by Studio Anne Holtrop
A 500 kg slumped glass framed door with System M+
for full control of door movement.

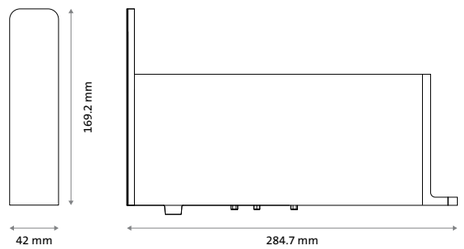
System M+

40 mm pivot point









Class AA to E*

Pivot position	Fixed at 40 mm
Dimensions	272.7 × 32 × 149.8 mm
Operating mechanism	Hydraulic
Material	Stainless steel and anodised aluminium
Cover plate	Magnetic Stainless steel Black

Compatible with

Top pivots	Top pivot 40 mm - Class B For bottom pivot Class AA to B Top pivot 40 mm - Class G For bottom pivot Class C to E Top pivot Reversed For all classes

Class F and G*

Pivot position	Fixed at 40 mm
Dimensions	284.7 × 42 × 169.2 mm
Operating mechanism	Hydraulic
Material	Stainless steel and anodised aluminium
Cover plate	Magnetic Stainless steel Black

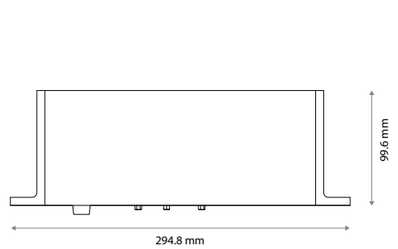
Compatible with

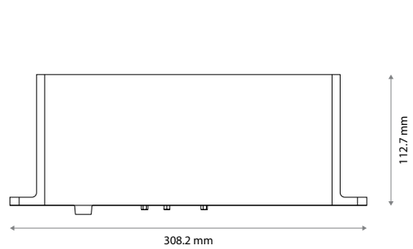
Top pivots	Top pivot 40 mm - Class G Top pivot Reversed

70 mm pivot point









Class AA to E*

Pivot position	From 70 mm to middle
Dimensions	294.8 × 32 × 99.6 mm
Operating mechanism	Hydraulic
Material	Stainless steel and anodised aluminium

Compatible with

Top pivots	Top pivot 70 mm - Class B For bottom pivot Class AA to B Top pivot 70 mm - Class G For bottom pivot Class C to E Top pivot Reversed For all classes

Class F and G*

Pivot position	From 70 mm to middle
Dimensions	308.2 × 42 × 112.7 mm
Operating mechanism	Hydraulic
Material	Stainless steel and anodised aluminium

Compatible with

Top pivots	Top pivot 40 mm - Class G Top pivot Reversed

***Weight class for bottom pivot**

Class AA	Up to 79 kg	Class D	Up to 279 kg
Class A	Up to 119 kg	Class E	Up to 349 kg
Class B	Up to 159 kg	Class F	Up to 429 kg
Class C	Up to 209 kg	Class G	Up to 500 kg

*Weight class is also influenced by door width and pivot point.
As this table indicates weight only, please refer to the FritsJurgens Selector at fritsjurgens.com for the correct configuration.

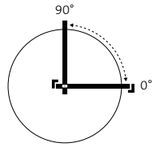
System Fx



System Fx is a free-swing pivot system with strong hold open positions at every 90°.

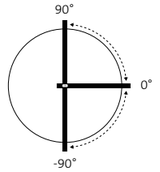
Features

Rotation



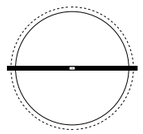
Single-acting

The pivot door can only be opened towards a single side. This is enforced by an external stop such as the door frame.



Double-acting

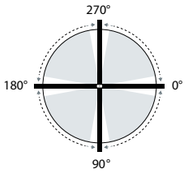
The pivot door can be opened towards both sides, with a hold position at 90° at either side.



Revolving

This FritsJurgens pivot system enables a door to revolve 360°.

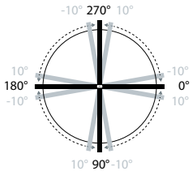
Movement



Free swing

The system features a free swing between 10° and 80° between each hold position, ensuring smooth and effortless door movement.

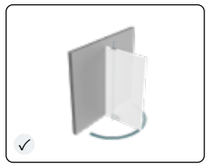
Hold positions



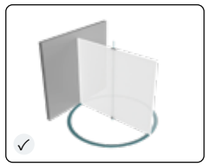
Solid fix at every 90°

The door will guide itself back to the nearest hold position when it is within +10° or -10° of it. This hold position is strong and keeps the door securely in place.

Ideal placement:



Side placement

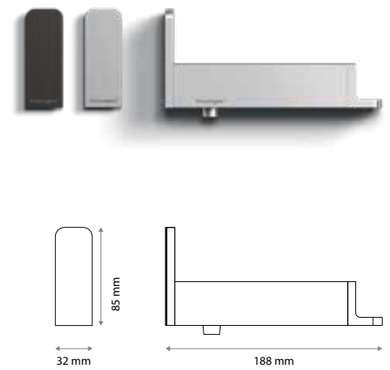


Middle placement

Location: Indonesia
Designed by Studio Jencquel | Manufactured by Bali Constructions
Application: Wooden panel doors with a strong 90° hold open position.

System Fx

40 mm pivot point



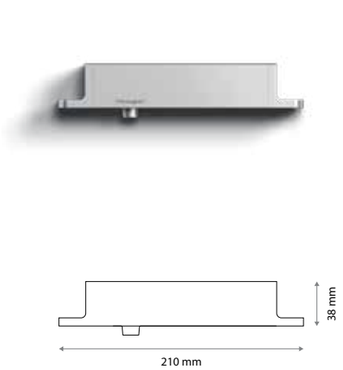
Class A and C*

Pivot position	Fixed at 40 mm
Dimensions	188 × 32 × 85 mm
Operating mechanism	Mechanical
Material	Stainless steel and anodised aluminium
Cover plate	Magnetic Stainless steel Black

Compatible with

Top pivots	Top pivot 40 mm - Class B For bottom pivot Class A Top pivot 40 mm - Class G For bottom pivot Class C Top pivot Reversed For all classes

70 mm pivot point



Class A, C and G*

Pivot position	From 70 mm to middle
Dimensions	210 × 32 × 38 mm
Operating mechanism	Mechanical
Material	Stainless steel and anodised aluminium

Compatible with

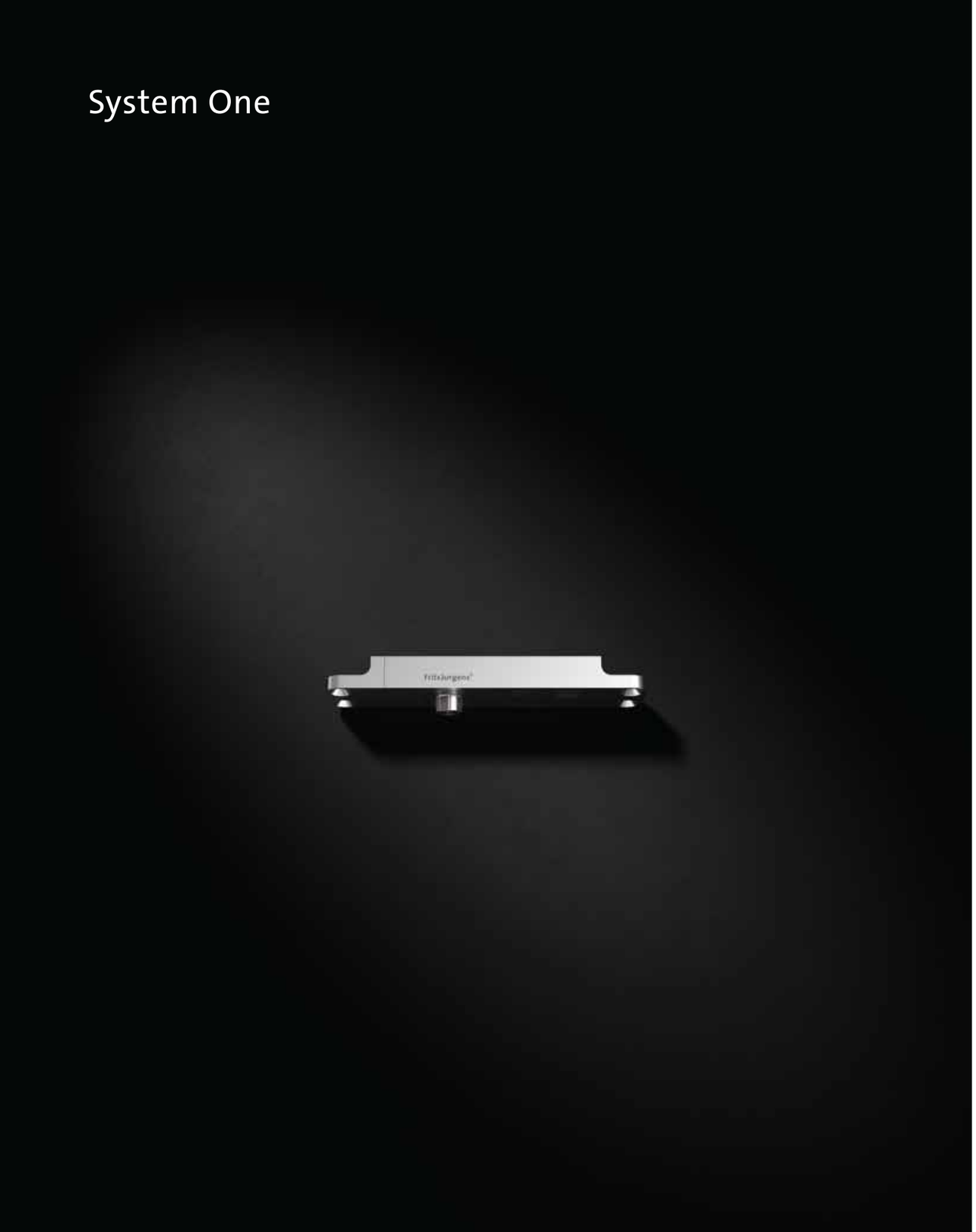
Top pivots	Top pivot 70 mm - Class B For bottom pivot Class A Top pivot 70 mm - Class G For bottom pivot Class C & G Top pivot Reversed For all classes

***Weight class for bottom pivot**

Class A	Up to 119 kg
Class C	Up to 209 kg
Class G	Up to 500 kg

*Weight class is also influenced by door width and pivot point.
As this table indicates weight only, please refer to the FritsJurgens Selector at fritsjurgens.com for the correct configuration.

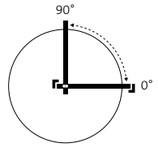
System One



System One is a compact
pivot system allowing
smooth, free-swing movement.

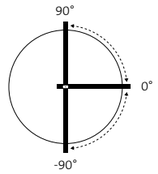
Features

Rotation



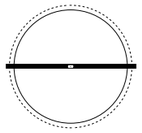
Single-acting

The pivot door can only be opened towards a single side, enforced by an external stop such as the door frame. The pivot door has no hold positions.



Double-acting

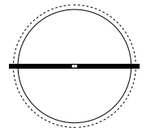
The pivot door can be opened towards both sides. It has no hold positions.



Revolving

This FritsJurgens pivot system enables a door to revolve 360°. It has no hold positions.

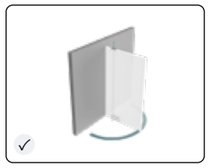
Movement



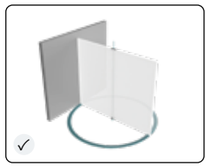
Free swing

The pivot door moves manually and freely without self-closing functionality.

Ideal placement:



Side placement



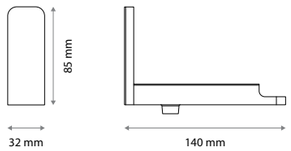
Middle placement

Location: United Arab Emirates
Manufactured by Guttmann ME
Application: A 500 kg narrow frame door with effortless movement.

System One

40 mm pivot point





Class G

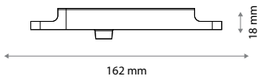
Pivot position	Fixed at 40 mm
Dimensions	140 × 32 × 85 mm
Operating mechanism	Mechanical
Material	Stainless steel and anodised aluminium
Cover plate	Magnetic Stainless steel Black

Compatible with

Top pivots	Top pivot 40 mm - Class G

70 mm pivot point





Class G

Pivot position	From 70 mm to middle
Dimensions	162 × 32 × 18 mm
Operating mechanism	Mechanical
Material	Stainless steel and anodised aluminium

Compatible with

Top pivots	Top pivot 70 mm - Class G

*Weight class for bottom pivot	
Class G	Up to 500 kg



Compare features

	System M+	System Fx	System One
			
	Control every part of door movement	Free-swing system with hold positions at every 90°	Free-swing system with a fixed pivot point
ROTATION			
Single-acting	✓	✓	✓
Double-acting	✓	✓	✓
Revolving	–	✓	✓
MOVEMENT			
Movement	Fully adjustable	Free swing	Free swing
Latch Control	Full Latch Control	Fixed latch	–
Closing	Soft-close and 30° Speed Control	Manual	Manual
Damper Control	✓	–	–
HOLD POSITIONS			
Hold positions	Soft fix at -90° and 90°	Solid fix at every 90°	–
SPECIFICATIONS			
Operating mechanism	Hydraulic	Mechanical	Mechanical
Material	Stainless steel and anodised aluminium	Stainless steel and anodised aluminium	Stainless steel and anodised aluminium

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 edge reduces the gap while retaining the beautiful, distinctive pivot door movement. This top pivot can be placed in any position between 70 mm and the middle of the door width.

REVERSED

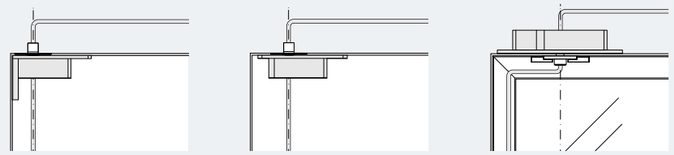




This top pivot is slightly different from all the others: Top pivot Reversed can be placed in the head jamb or ceiling and is ideal for slim frame doors.

CABLE ENTRY

Top pivots are available with an integrated cable entry as an option for concealed wiring.



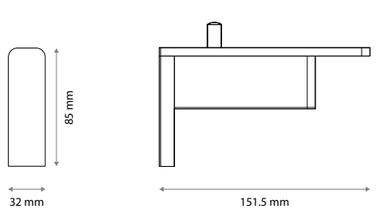
Location: United Arab Emirates
Manufactured by Pivot Door
Application: An onyx door with integrated lighting using a top pivot with cable entry.

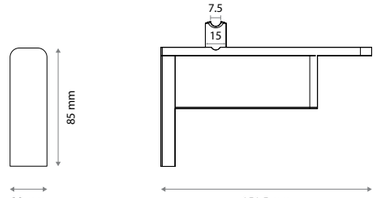
Top pivot 40 mm

Features









Class B

Pivot position	Fixed at 40 mm
Cable entry	–
Pin diameter	Ø10 mm
Dimensions	151.5 × 32 × 85 mm
Material	Stainless steel and anodised aluminium
Door weight	Up to 150 kg
Cover plate	Magnetic Stainless steel Black

Compatible with	
Bottom pivots	System M+ - 40 mm System Fx - 40 mm
Ceiling plates	Ceiling plate - Class B

Class G

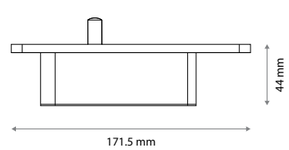
Pivot position	Fixed at 40 mm
Cable entry	✓
Pin diameter	Ø15 mm
Dimensions	151.5 × 32 × 85 mm
Material	Stainless steel and anodised aluminium
Doors weight	150 - 500 kg
Cover plate	Magnetic Stainless steel Black

Compatible with	
Bottom pivots	System M+ - 40 mm System Fx - 40 mm System One - 40 mm
Ceiling plates	Ceiling plate - Class G

Top pivot 70 mm

Features



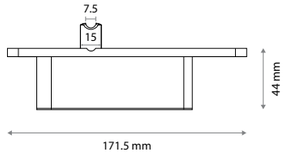


Class B

Pivot position	From 70 mm to middle
Cable entry	–
Pin diameter	Ø10 mm
Dimensions	171.5 × 32 × 44 mm
Material	Stainless steel and anodised aluminium
Door weight	Up to 150 kg

Compatible with	
Bottom pivots	System M+ - 70 mm System Fx - 70 mm
Ceiling plates	Ceiling plate - Class B





Class G

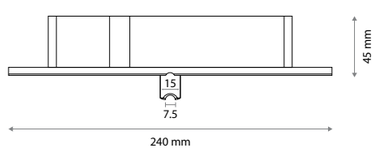
Pivot position	From 70 mm to middle
Cable entry	✓
Pin diameter	Ø15 mm
Dimensions	171.5 × 32 × 44 mm
Material	Stainless steel and anodised aluminium
Door weight	150 - 500 kg

Compatible with	
Bottom pivots	System M+ - 70 mm System Fx - 70 mm System One - 70 mm
Ceiling plates	Ceiling plate - Class G

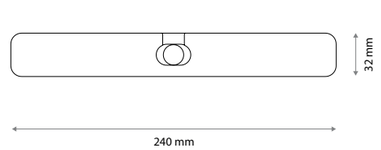
Top pivot Reversed

Features









Class G

Pivot position	From 130 mm to middle
Cable entry	✓
Pin diameter	Ø15 mm
Dimensions	240 × 32 × 45 mm
Material	Stainless steel and anodised aluminium
Doors Weight	Up to 500 kg
Cover plate	Magnetic Stainless steel Black White

Compatible with	
Bottom pivots	System M+ - 70 mm System Fx - 70 mm System One - 70 mm
Ceiling plates	Receiver

Floor plates

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

SQUARED





The squared floor plate has a low-profile, sleek design. With two or four 8 mm pins, it ensures excellent stability across floor types.

ROUND





A round floor plate with a minimal, low-profile design. It offers a subtle and durable solution for modern architectural applications.

FLUSH SQUARED





This flush floor plate sits level with the sill for seamless integration. Its square shape creates a clean, sharp look.

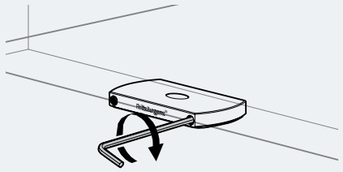
FLUSH ROUNDED



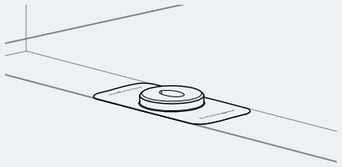


This flush floor plate sits level with the sill for seamless integration. Rounded corners make it easy to mill out in the floor or sill.

RADIAL ADJUSTMENT



Radially adjustable
Adjustable from +2.5° to -2.5°

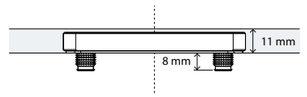


Non-adjustable
Not adjustable after installation



Floor plate squared



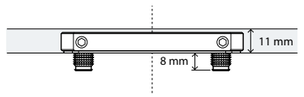


Non-adjustable

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	No
Dimensions	80 × 40 × 9 mm
Material	Stainless steel
Available colours	Stainless steel

Compatible with	
Bottom pivots	System One





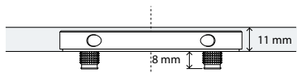
Radially adjustable

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

Compatible with	
Bottom pivots	System M+ System Fx System One

Floor plate round





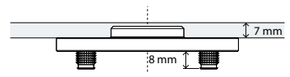
Radially adjustable

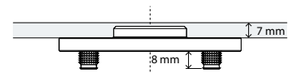
Mounting pins	Four 8 mm pins
Undercut	11 mm
Adjustability	Radial: +2.5° to -2.5°
Dimensions	Ø80 × 9 mm
Material	Stainless steel
Available colours	Stainless steel Black

Compatible with	
Bottom pivots	System M+ System Fx System One

Floor plate Flush Non-adjustable







Squared

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

Compatible with	
Bottom pivots	System M+ System Fx System One

Rounded

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

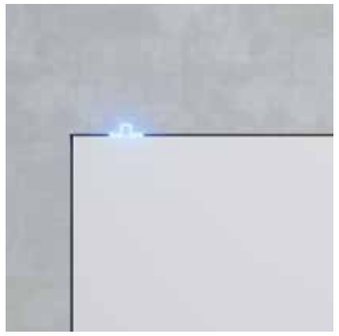
Compatible with	
Bottom pivots	System M+ System Fx System One

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.

STANDARD





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

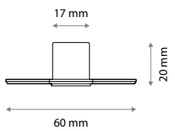




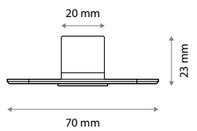
The Receiver is mounted inside the top of the pivot door. During installation, the pin of the Top pivot Reversed is rotated downwards into the Receiver. This combination is ideally suited for framed doors.

Standard ceiling plates









Class B

Pin diameter	Ø10 mm
Dimensions	60 × 40 × 20 mm
Material	Stainless steel
Available colours	Stainless steel Black

Compatible with	
Top pivots	Top pivot 40 mm - Class B
	Top pivot 70 mm - Class B

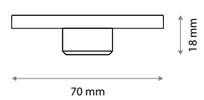
Class G

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

Receiver





Pin diameter	Ø15 mm
Dimensions	70 × 40 × 18 mm
Material	Stainless steel
Available colours	Stainless steel

Compatible with	
Top pivots	Top pivot Reversed

Accessories

FritsJurgens accessories support precise installation and optimal door performance. They offer smart solutions for stabilising the door position, aligning components, and simplifying setup in more complex configurations - ensuring the pivot system functions smoothly and reliably in every situation.

FLUSH MAGNETS



The Flush magnets consist of two strong magnets. These are mounted in the bottom side of the pivot door and the adjacent wall. The Flush magnets hereby strengthen the 0° position of every pivot door, regardless of its size or weight.

Available colours

- Stainless steel
- Black

AXLE WRENCH



When using System M+, preset the system in the open position before mounting the door by rotating the bottom spindle with the axle wrench. Ensure the spindle remains aligned with the 0° position of the door opening.

HEXAGON GUIDE



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 70 mm and the maximum distance is the middle of the door width. In case the pivot point is more than 280 mm from the edge of the door, we offer the Hexagon Guide to ease the installation.

Available in 1 m and 2 m versions.

ADAPTERS



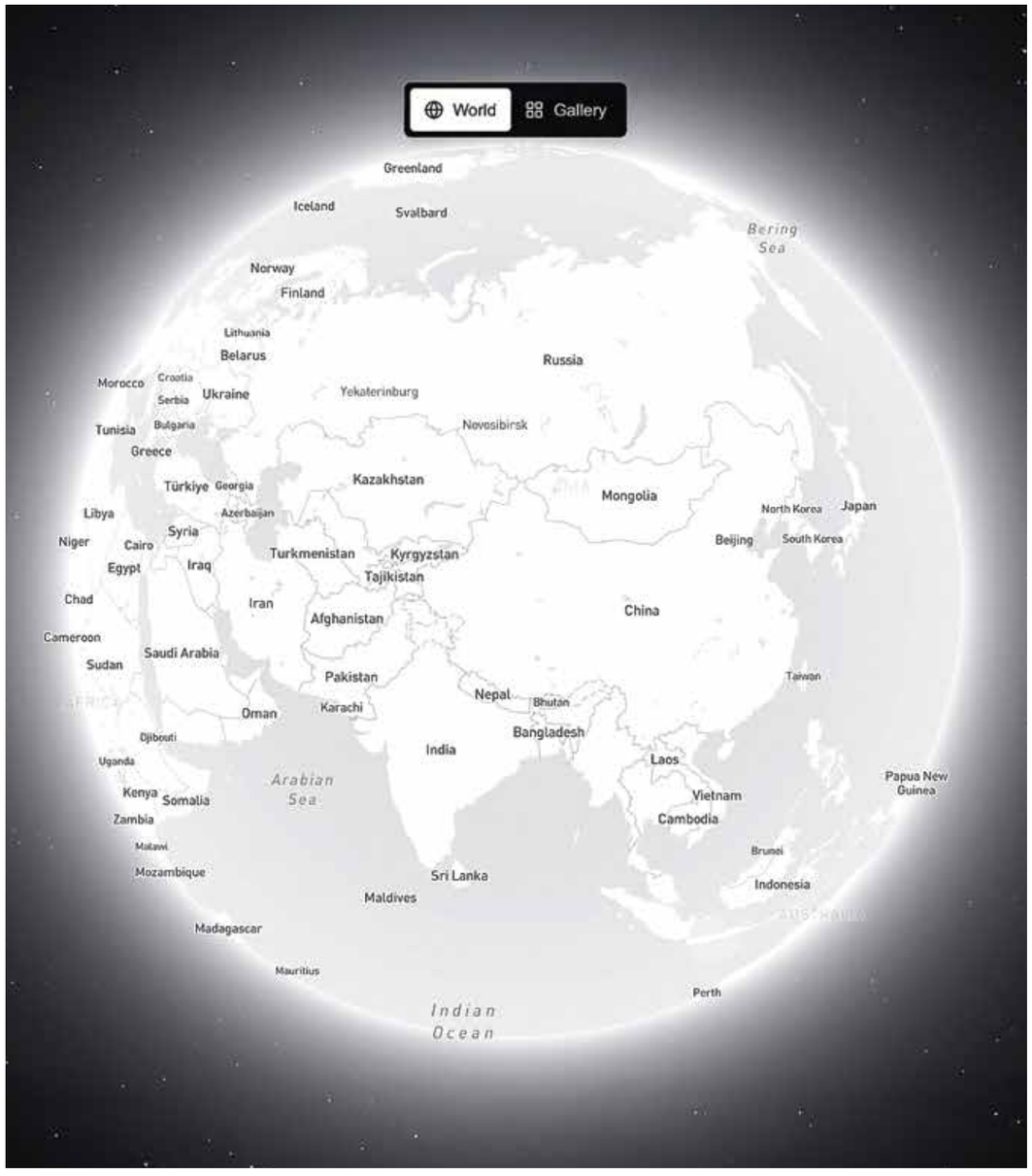
The Adapters can be used to mount the components in a metal profile. The two Adapters are mounted in the profile first. They then offer a solid base to mount the component on. We currently offer Adapters for 2 mm thick profiles only. This product is compatible with all top pivots.

World of FritsJurgens

Enter the World of FritsJurgens, a curated collection of realised projects where the door becomes part of the architecture. Discover how our systems are used across materials, scales and regions, and explore the details behind each application.

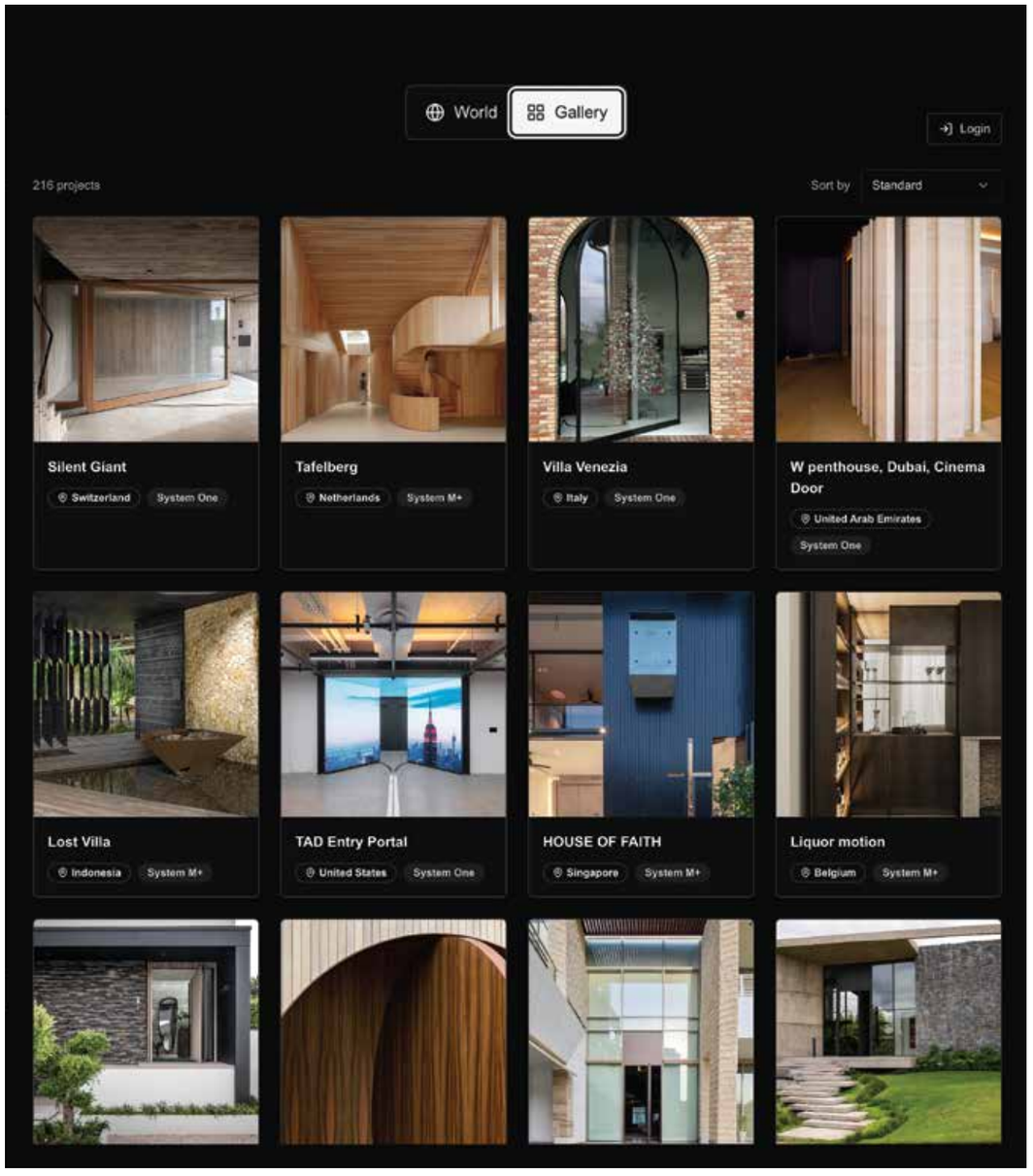
Navigate projects across the world through an interactive global view.

Visit World of FritsJurgens



Choose between the globe view for a geographical journey or the grid view for a visual overview of all projects. Refine your search using filters such as country, system, material, building type and usage to quickly find relevant applications.

The grid view lets you browse and compare projects, and access detailed information with ease.



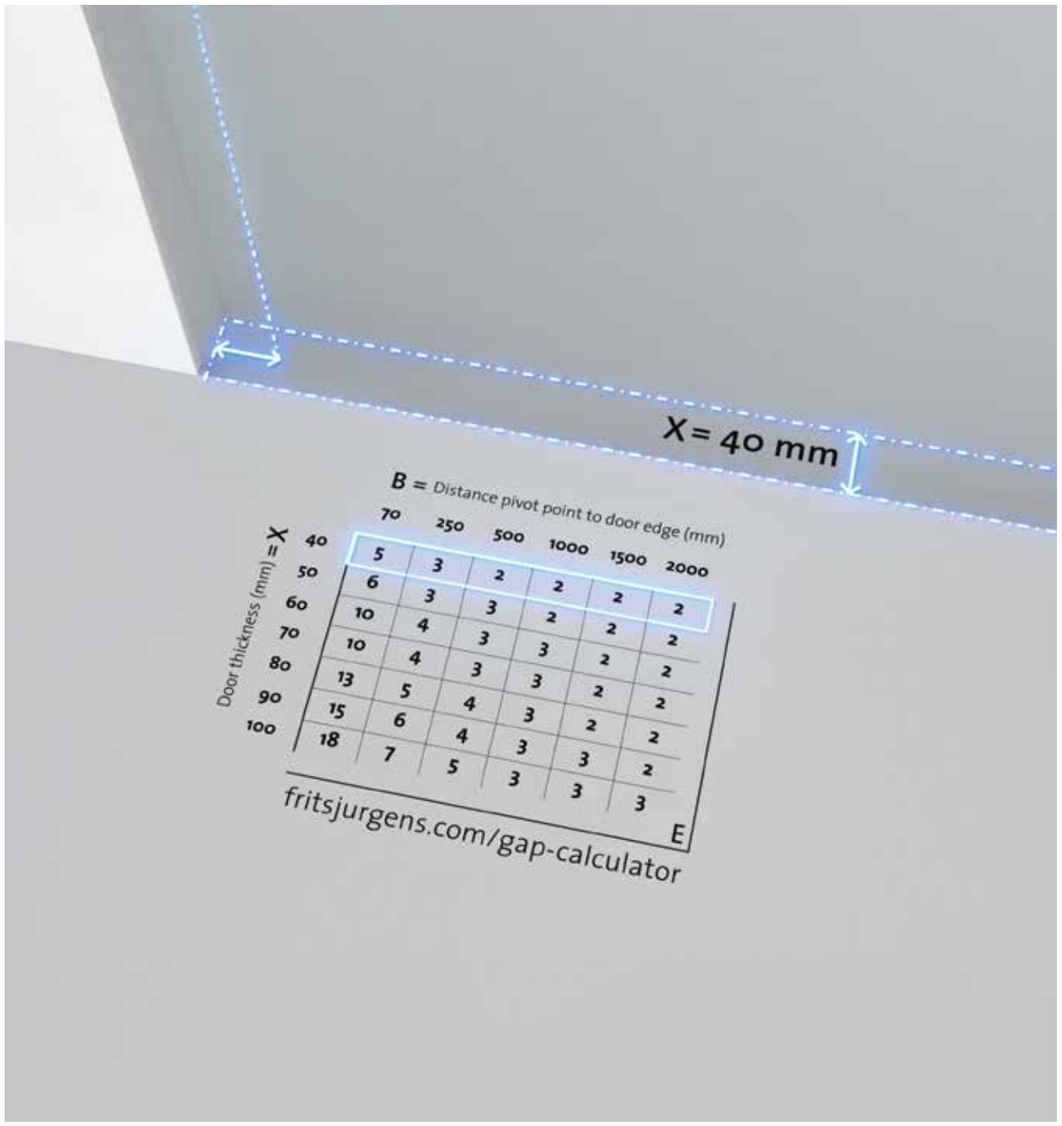
Online tools

To make selecting and installing our systems as easy as possible, we offer a set of practical online tools at fritsjurgens.com:

FritsJurgens Selector
Configure products to fit your needs.

Gap Calculator
Calculate the required gap dimensions.

Lateral Force Calculator
Calculate the door's lateral force impact.



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