

Casson

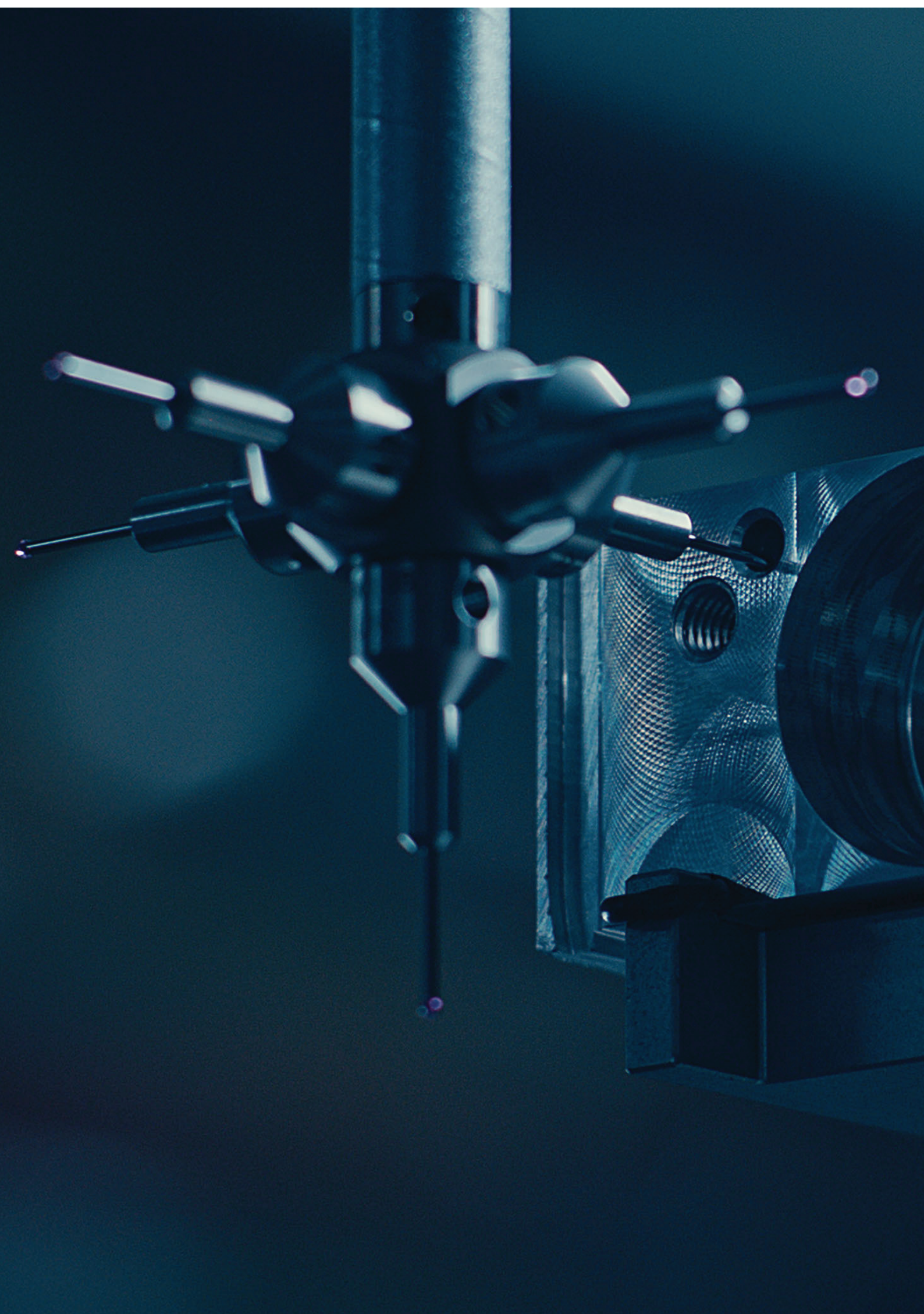


FritsJurgens®

SYSTEM ONE

TECHNICAL DATA SHEET

Casson



FROM THE NETHERLANDS, FRITSJURGENS CREATES PIVOT HARDWARE SOLUTIONS OF THE HIGHEST POSSIBLE QUALITY THAT EXCEED INDUSTRY STANDARDS AND OUR CLIENT’S EXPECTATIONS. THESE SOLUTIONS ENABLE ENDLESS PIVOT DOOR DESIGN POSSIBILITIES.

Hidden hardware	Only small floor and ceiling plates are visible. All the hardware is hidden in the door.
Unlimited design	The door can be of any height and made with every type of material, creating unlimited design possibilities.
Motion technology	Motion technology puts hydraulic power to use, creating a smooth and controlled door movement.
Timeless quality	Built from high-performance materials, the systems are maintenance-free and perform flawlessly.

CONTINUOUS IMPROVEMENT

FritsJurgens strives for the best quality possible. Every system that leaves the FritsJurgens headquarters is designed, fabricated, and tested with the greatest attention to detail and with only the best quality materials. This enabled us to create maintenance-free hinges: even after 136 years of daily use, the hinge will still function flawlessly.

WORLDWIDE NETWORK

Architects, designers, and door manufacturers worldwide work with FritsJurgens. Our pivot hinges are available through a trusted partner-network in 80+ countries.

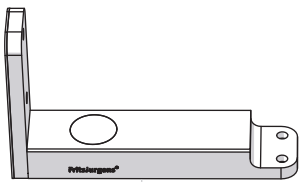


OVERVIEW

The most ideal pivot hinge for narrow profile doors. With a height of just 18 mm, this pivot hinge can be applied in a broad range of pivot door designs and applications.

COMPONENTS

- 1.1 Bottom pivot System One 40 mm
- 1.2 Bottom pivot System One 70 mm
- 2.1 Floor plate - Round
- 2.2 Floor plate - Squared
- 2.3 Floor plate - Squared NA
- 2.4 Floor plate - Flush squared
- 2.5 Floor plate - Flush rounded



1.1



1.2



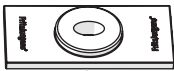
2.1



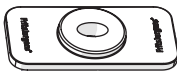
2.2



2.3

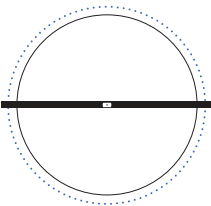


2.4

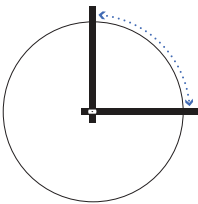


2.5

FUNCTION

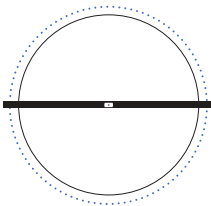


- Double-acting doors
- Rotation 360°



- Single-acting doors
- Rotation 90°

MOVEMENT



360° free-swinging pivot

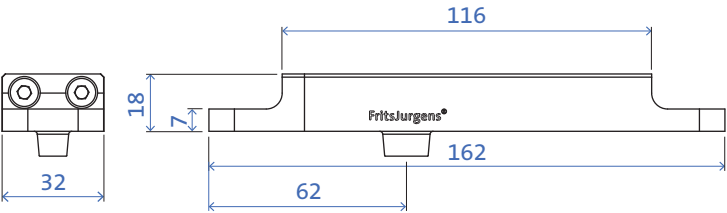
VARIANTS

WEIGHT OF THE DOOR

Class G | 0 - 500 kg

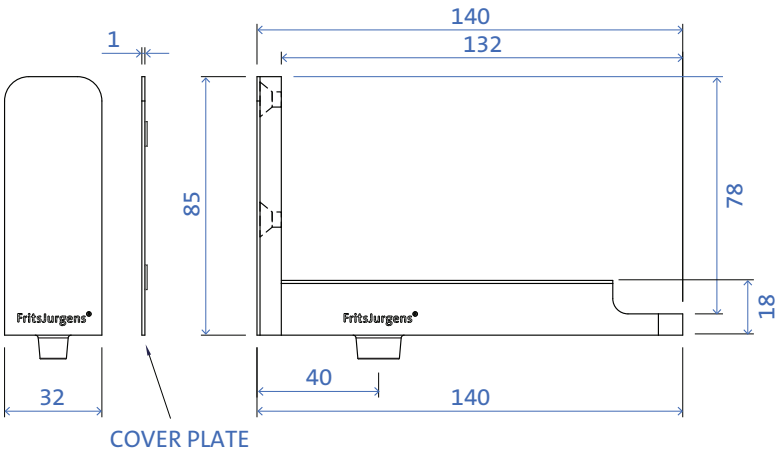
70 MM

Side or middle placement, pivot position at least 70 mm from the edge of the door.



40 MM

Side placement, pivot position at 40 mm from the edge of the door.



TECHNICAL SPECIFICATION

FEATURES

Rotation	360° and 90°
Hold position	No
Free swing	Yes
Self-closing	No
For double acting doors	Yes
For single acting doors	Yes
For door frame/jambs	Yes
Door weight	0 - 500 kg

SPECIFICATION

Weight class	1 class, G
Pivot point possibilities	40 mm, 70 mm, offset, max. middle of the width
Floor plate compatibility	Floor plate squared NA & all floor plates of System M family
Top pivot compatibility	TP-40, TP-70, TP-R, TP-CG

GAPS OVERVIEW

Gap below the door	7 mm (Floor plate Flush) or 11 mm (Floor plate squared, round)
Required gap above the door	4 mm - 10 mm
Material of the product	Stainless steel, anodized aluminum
Minimum gaps left/right	Depends on door thickness, see Gap Calculator

HINGE PLATES

Floor plates



Floor plate squared NA
Stainless Steel



Floor plate squared
Black



Floor plate round
Stainless Steel



Floor plate round
Black

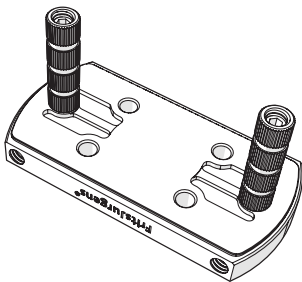
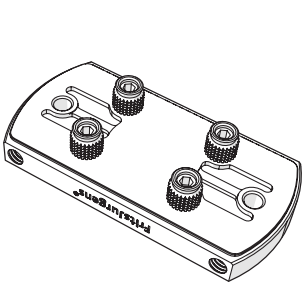


Floor plate Flush rounded
Sunk into door frame or floor, so flush with surrounding area. Ideal for drop seals.



Floor plate Flush squared
Sunk into door frame or floor, so flush with surrounding area. Ideal for drop seals.

 Shown are the number of mounting pins included in the package, pre-mounted plus any additional ones. Floor plate squared comes with extra pins for different floor types.



Cover plates for System One 40 mm



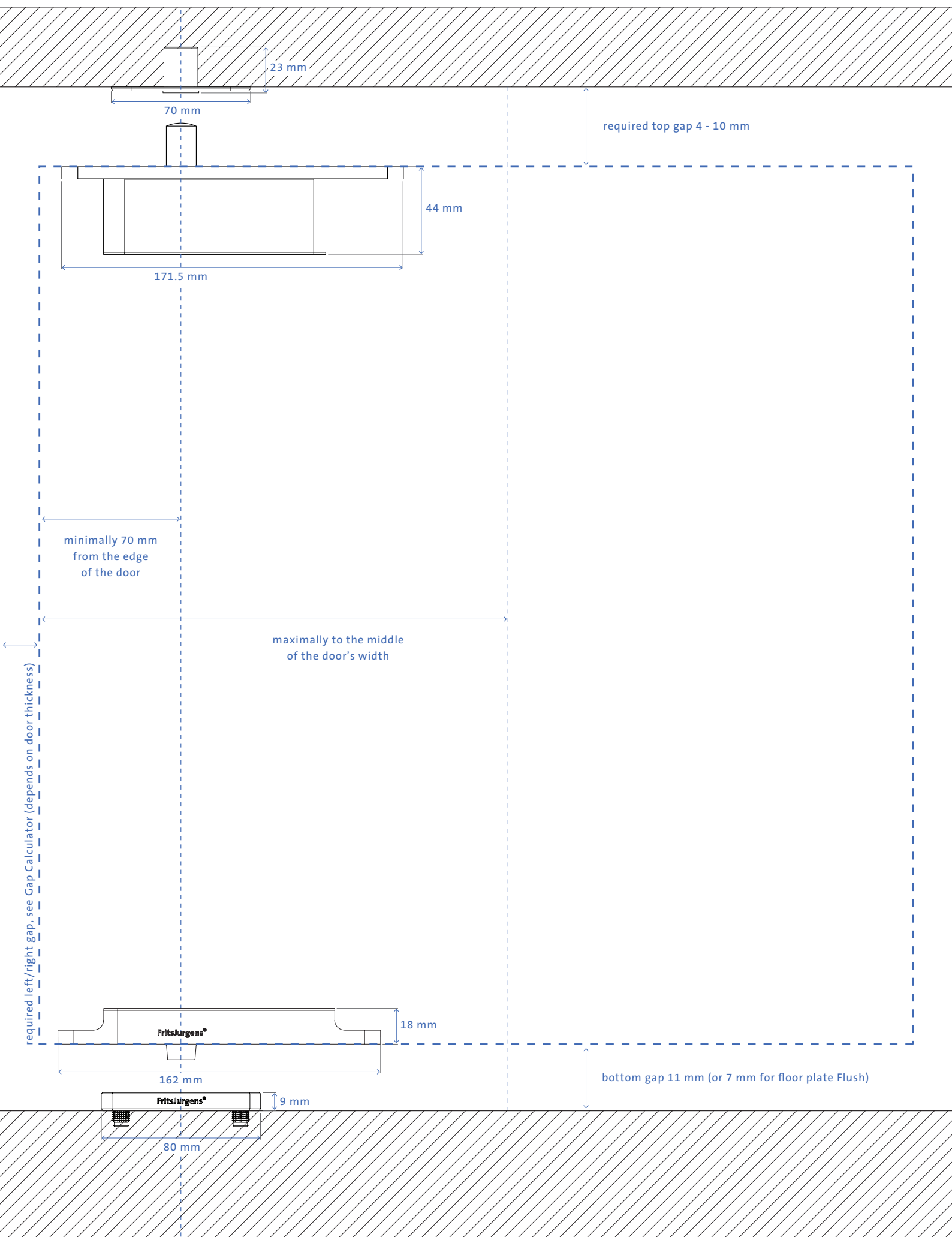
SS
Stainless steel cover plate



BK
Black cover plate

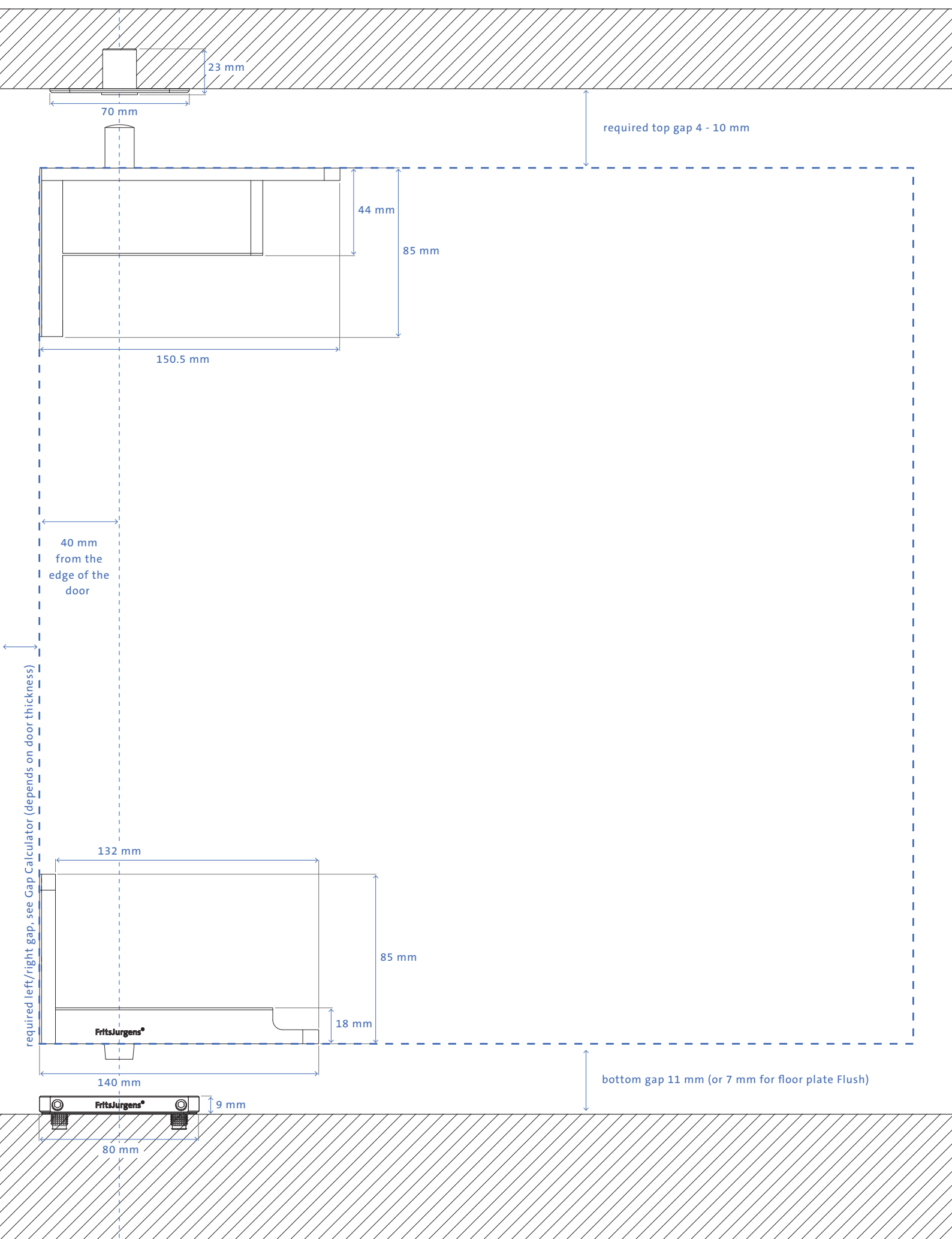
CONFIGURATIONS

System One, pivot position ≥ 70 mm (Class G), non adjustable floor plate



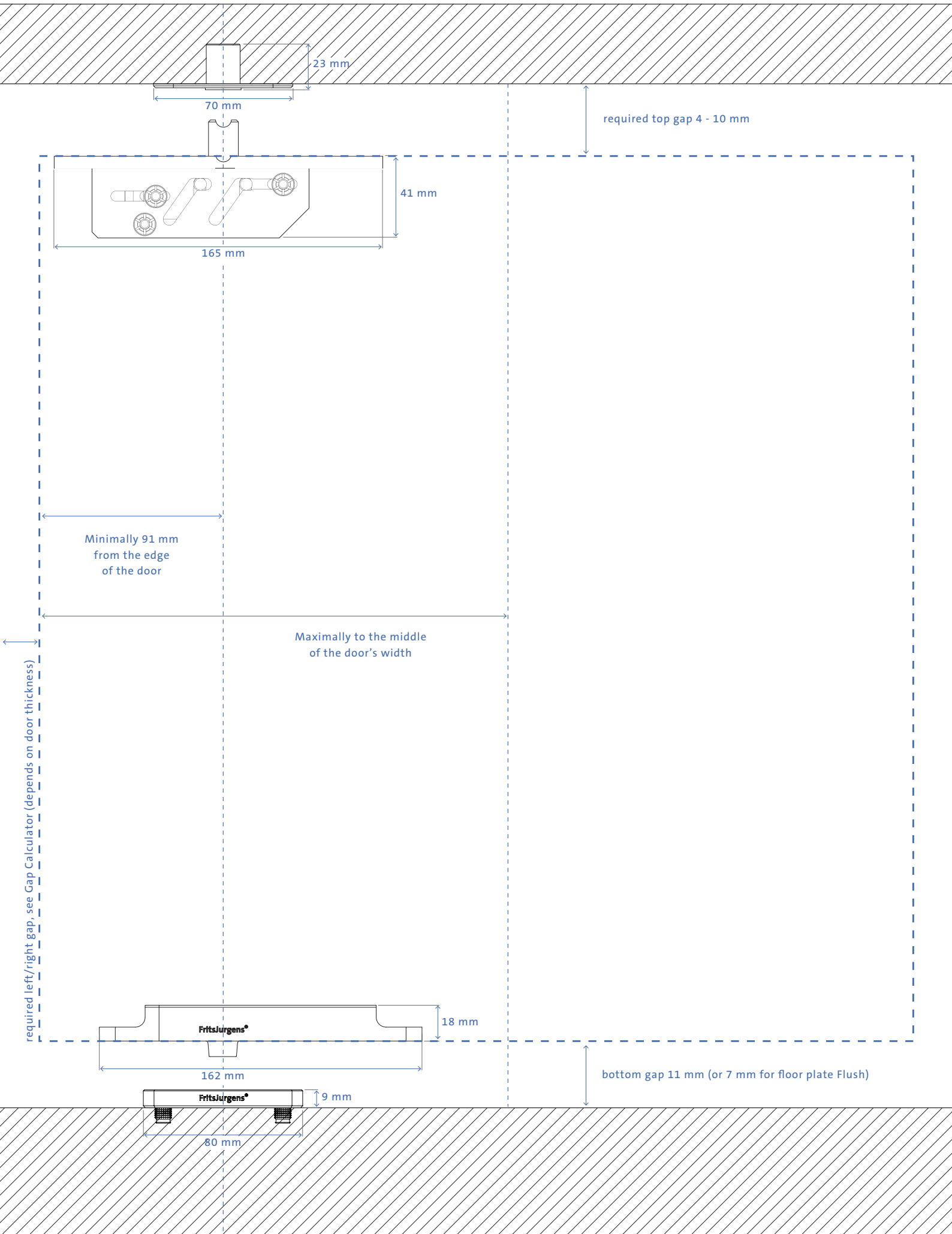
Casson

System One, pivot position 40 mm (Class G), floor plate squared



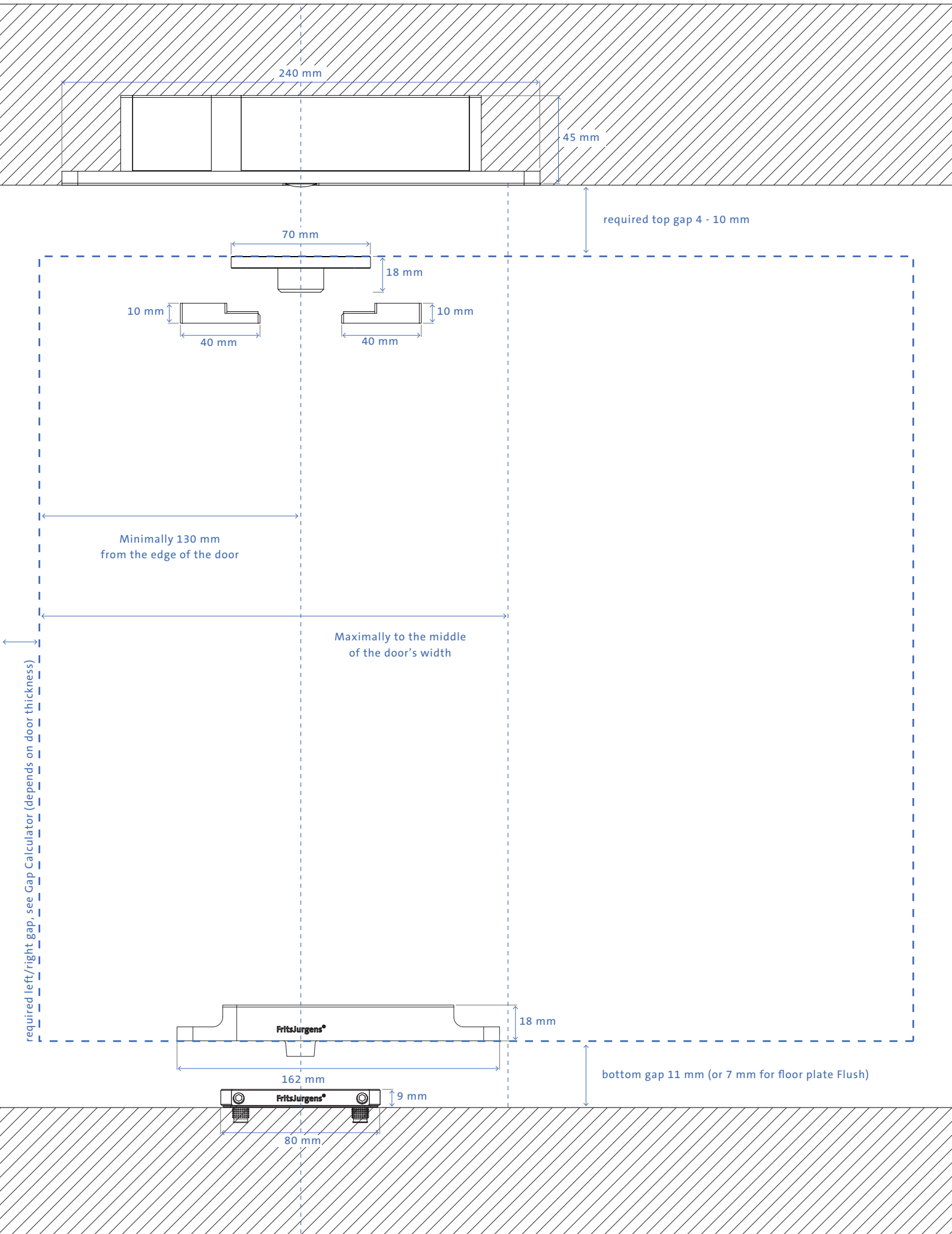
Casson

System One, pivot position ≥ 91 mm with Cable Grommet (Class G), non adjustable floor plate



Casson

System One with TP-R (Class G), floor plate squared



FritsJurgens®

FRITSJURGENS INTERNATIONAL

A. Einsteinlaan 1
9615 TE Kolham
The Netherlands
+31 598 343 410
info@fritsjurgens.com

FRITSJURGENS ITALIA (REGIONAL SALES OFFICE)

Via Marsilio Ficino 22
50132 Firenze
Italy
+39 055 064 0290
info@fritsjurgens.com

FRITSJURGENS DUBAI BRANCH

DLC-OP-A2-4-0029
Dubai South
Dubai
United Arab Emirates

BO.tech.One.EN
Copyright © FritsJurgens®
31-05-2023

