

PIVOTICA PRO 100

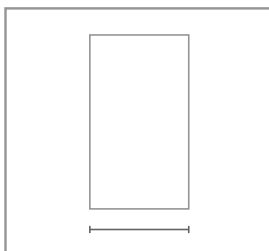
ARGENTA | Concealed Self-Closing Pivoting Hinges



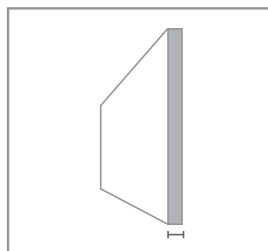
OVERVIEW



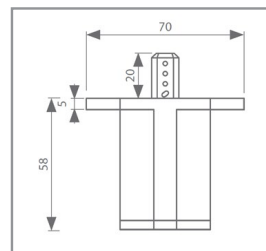
For interior doors weighing up to **100kg**



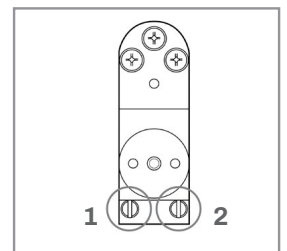
Max. Door Width **2000mm**
(Only in de-centralised position)



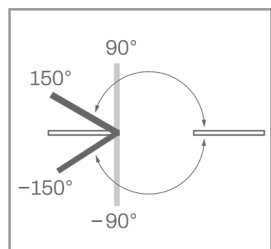
Min. Door Thickness **40mm**



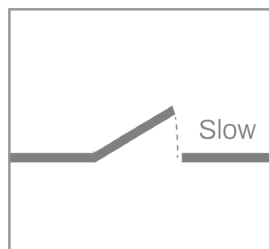
Light, small & compact.
Smallest head in the market



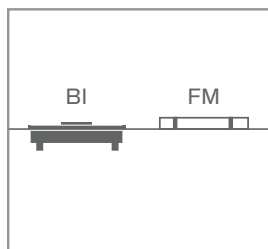
Adjustable closing speed & active speed dampening that allows the door to **always return to 0°**



Opening **angle of 150°** in both directions or **hold open at 90° to keep door open.**



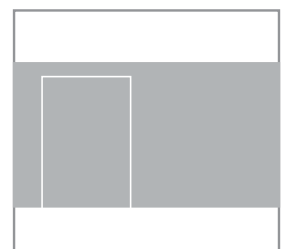
Soft close from pivot's hydraulics system for wall protection and prevent finger jamming.



Floor Mounted (FM) or **Built-In (BI)** options for the foot plate.



Choose from 3 pivot points: **corner, de-central and central position.**



Pivot keeps the door perfectly flush with the wall, ensuring there are no interruptions to the sleek design of the wall.

ORDER CODES

FM F90	91500023	BI F90	91500034
FM F0	91500026		

FM	Floor Mounted	F0	0° / Free Swing
BI	Built-In	F90	90° / Hold Open

OVERVIEW

The universally applicable, compact and virtually invisible pivot door hinge Argenta® Pivotica® Pro 100 & 150 is the ideal solution for standard interior pivoted doors. The Argenta® Pivotica® Pro 100 & 150 is **suitable for modern residential homes as well as public buildings and offices.**

Pivot Points

Pivot hinge can be embedded in the lower corner of the doors, but also at a decentralized or centered position. Depending on the selected option, the door width will vary.

Corner of door:

Maximum door width is 1000mm.

The **minimum pivot point is:**

100kg: 58.5 mm

Decentralized position:

The maximum distance, measured **from the axis point to the lock side of the door is 1000mm**; the remaining distance, measured from the axis point to the hinge side, is always smaller.

Central Position:

The maximum distance, measured from the axis point to the lock side, and the maximum distance measured from the axis point to the hinge side, is equal and with a max of 1000mm

Pivot Point (mm)	Door Width (mm)	Max Axis Point From Lock Side
58.5	1000	1000
100	1100	1000
200	1200	1000
300	1300	1000
1000	2000	1000

Applies for both floor-mounted & Built-In

Easy & Quick Installation

Thanks to its compact dimensions, the special wrench provided and the pivoting system in the door, a door with the pivot hinge is simple and quick to install and uninstall. Finally, there is no need for a floor pot, making the installation even faster and easier.

Adjustable Closing Speed

The closing force of the pivot hinge is adjustable according to door weight and width by means of a built-in hydraulic spring.

The closing force can be adjusted on two levels:

1. **Closing Speed**
2. **Soft-Close**

By adjusting the door will return to neutral perfectly after only a few swings

FIXED POSITION / HOLD OPEN

Hold open F90 variation is equipped with 3 fixed positions, namely -90°, 0°, 90° while the free swing F0 has a max. opening angle of 150°

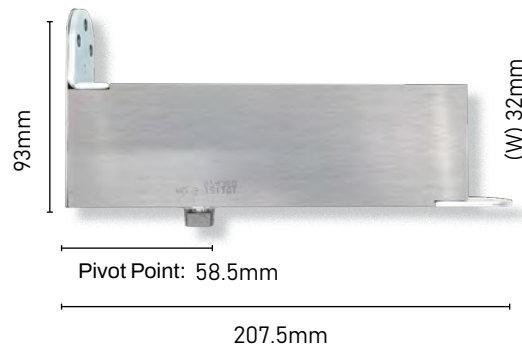
Adjustable Floor Plate

The floor plate is + 3mm and - 3mm adjustable in width and depth and can be further adjusted by 4°. As a result, the door will always return perfectly to neutral.

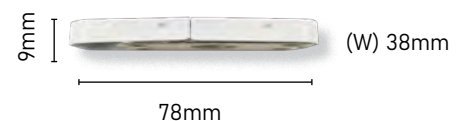
Compact, Small and Light-weight Head & Foot



Pivot Head



Pivot Body



Foot Plate



Satin Stainless Steel Cover Plate

Black Cover Plate

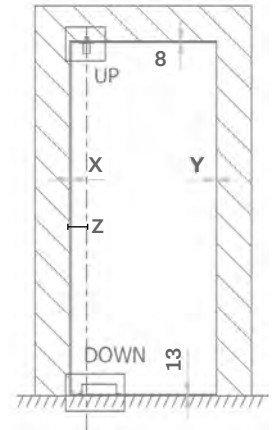
White Cover Plate

Floor Mounted

PIVOTICA PRO 100

Min - Max. Door Weight:	40 - 100 kg
Min - Max. Door Thickness:	40 - 100 mm
Door Width: ¹	2000 mm
Min - Max. Door Height:	600 - 3000 mm
Width Adjustment:	-3 / +3 mm
Depth Adjustment:	-3 / +3 mm
Alignment:	-4 / +4 mm °
Holding Position: ²	0 ° or -90 ° / 0 °/90 °
Bottom Door Clearance:	13mm

- (1) In the corner position, 2000 mm. Doors wider than 2000 mm need pivot to be placed in the de-centralised position using the bracket included.



Door	X	Y	Z
40mm	6mm	3mm	64.5mm
45mm	6mm	3mm	64.5mm
50mm	7mm	3mm	64.5mm
54mm	8mm	3mm	64.5mm

- (2) F0 = 0 ° / Free Swing at max.angle 150°
F90 = Fixed / hold open at 90°



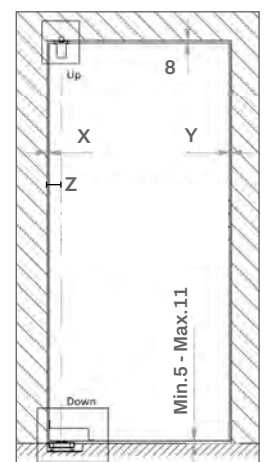
Satin Stainless Steel Cover Plate

Built-In

PIVOTICA PRO 100

Min - Max. Door Weight:	40 - 100 kg
Min - Max. Door Thickness:	40 - 100 mm
Door Width: ¹	2000 mm
Min - Max. Door Height:	600 - 3000 mm
Width Adjustment:	-3 / +3 mm
Depth Adjustment:	-3 / +3 mm
Height Adjustment:	+6 mm
Alignment:	-4 / +4 mm °
Holding Position: ²	0 ° or -90 ° / 0 °/90 °
Bottom Door Clearance:	Min.5 - Max. 11mm

- (1) In the corner position, 2000 mm. Doors wider than 2000 mm need pivot to be placed in the de-centralised position using the bracket included.



Door	X	Y	Z
40mm	6mm	3mm	64.5mm
45mm	6mm	3mm	64.5mm
50mm	7mm	3mm	64.5mm
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- (2) F0 = 0 ° / Free Swing at max.angle 150°
F90 = Fixed / hold open at 90°

MATERIALS & FINISH

Ceiling Plate	Stainless Steel	Bottom Pivot System		Top Pivot System	
Finish	Brushed Stainless Steel	Casing	Zinc Alloy Finish: Adonised	Casing	Zinc Alloy Finish: Galvanised
Floor Plate	Stainless Steel	Spring	Stainless Steel	Spring	Stainless Steel
Finish	Brushed Stainless Steel	Control Components	Stainless Steel	Control Components	Stainless Steel

FOOT PLATE ADJUSTMENT

Floor Mounted: Adjustable in both width & depth

Built-In: Adjustable in both width & depth

OPEN POSITIONS & SPEED ADJUSTMENT

* F0 = 0° / Free Swing
F90 = Fixed / Hold Open at 90°

1. Closing Speed

2. Damping Speed

Free Swing = F0

Hold Open = F90

By changing the bracket, it allows you to increase the pivot point.

6 way adjustment on foot plate with Allen key

Corner Position

FM: Floor-Mounted



De-Central Position



Central Position

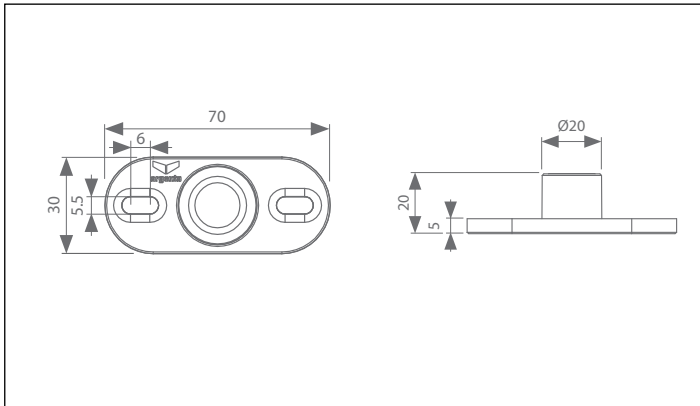


BI: Built-In

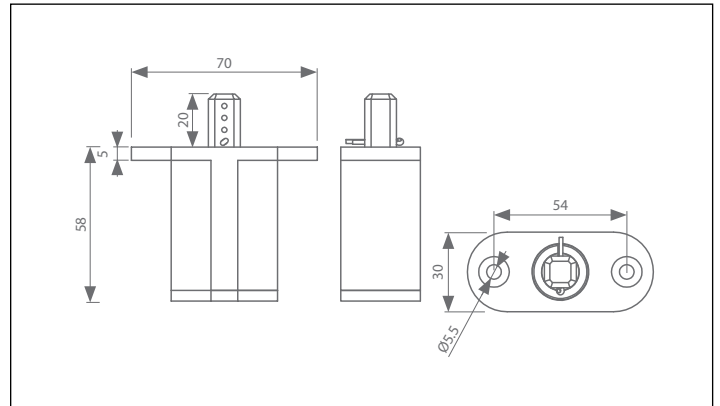


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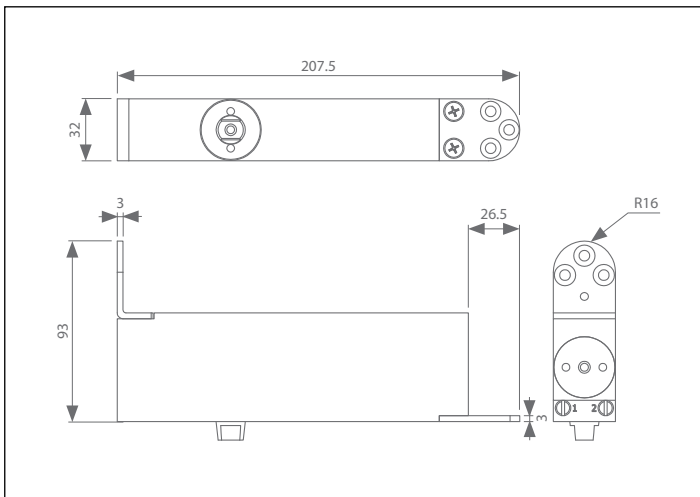
Top Pivot Head - For Door Jamb



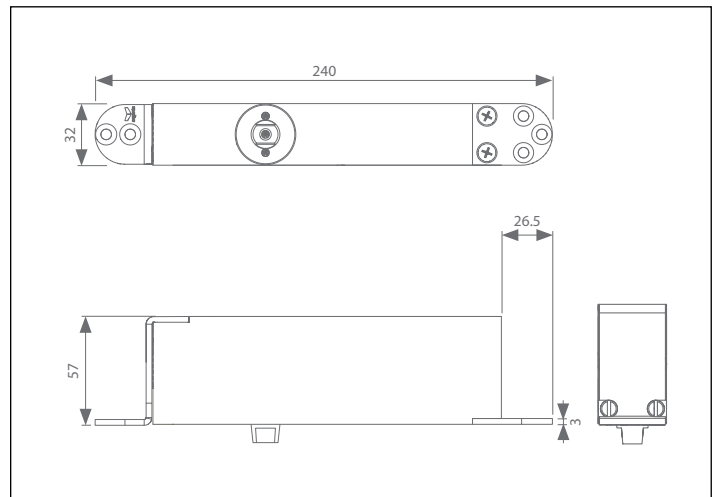
Top Pivot Head - For Door



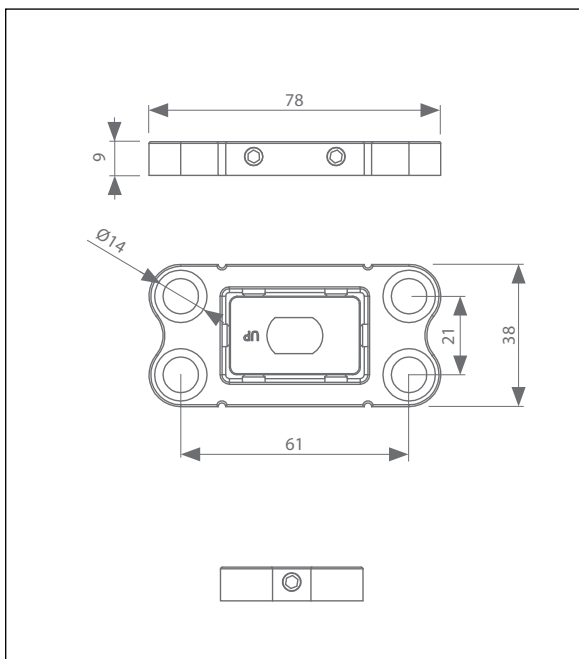
Pivot Body - Corner Position



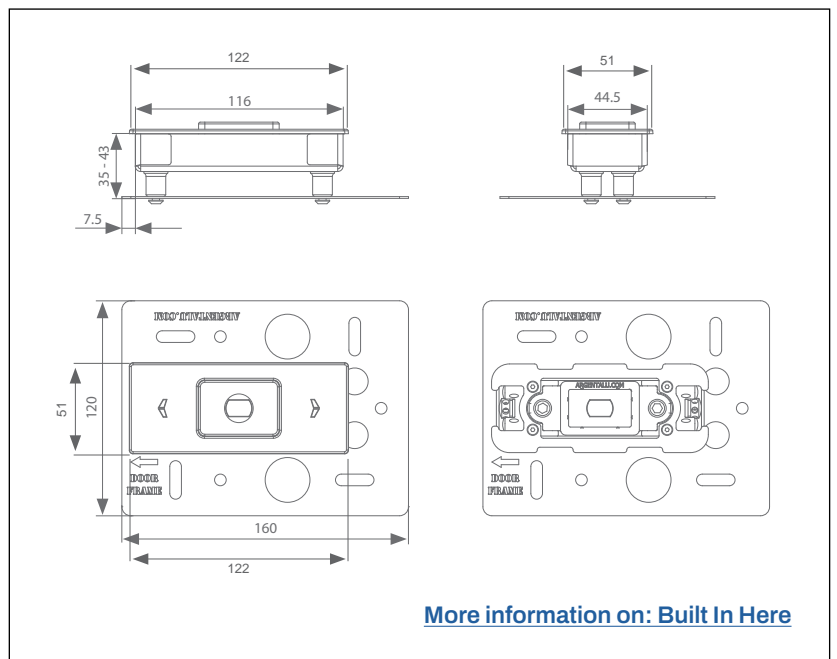
Pivot Body - Centre or Off-Centre



Floor Plate - Floor Mounted

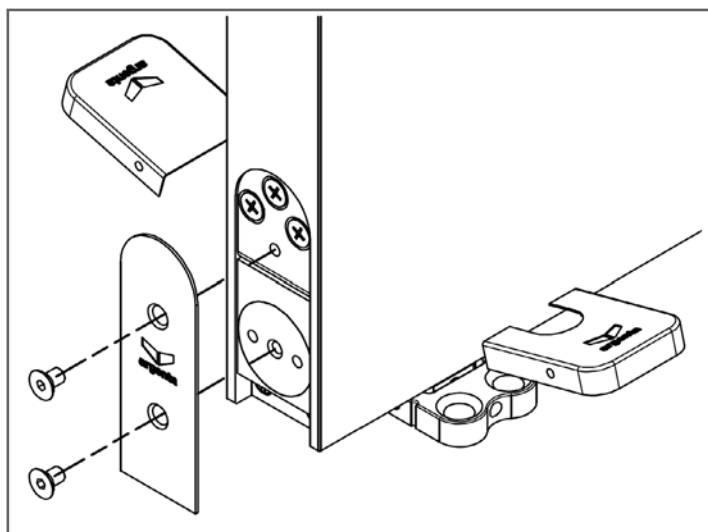


Floor Plate - Built-In

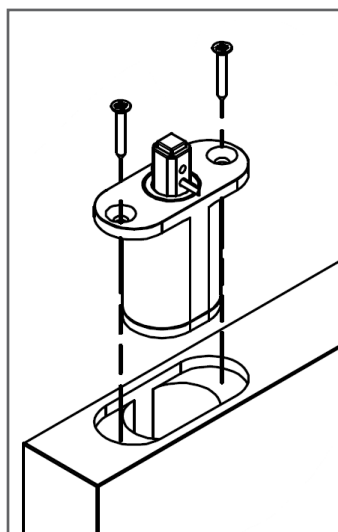


[More information on: Built In Here](#)

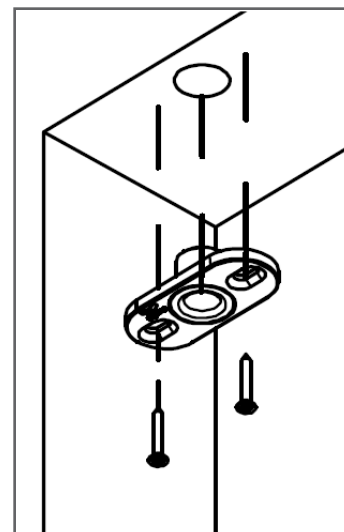
INSTALLATION OF PARTS FOR FLOOR MOUNTED



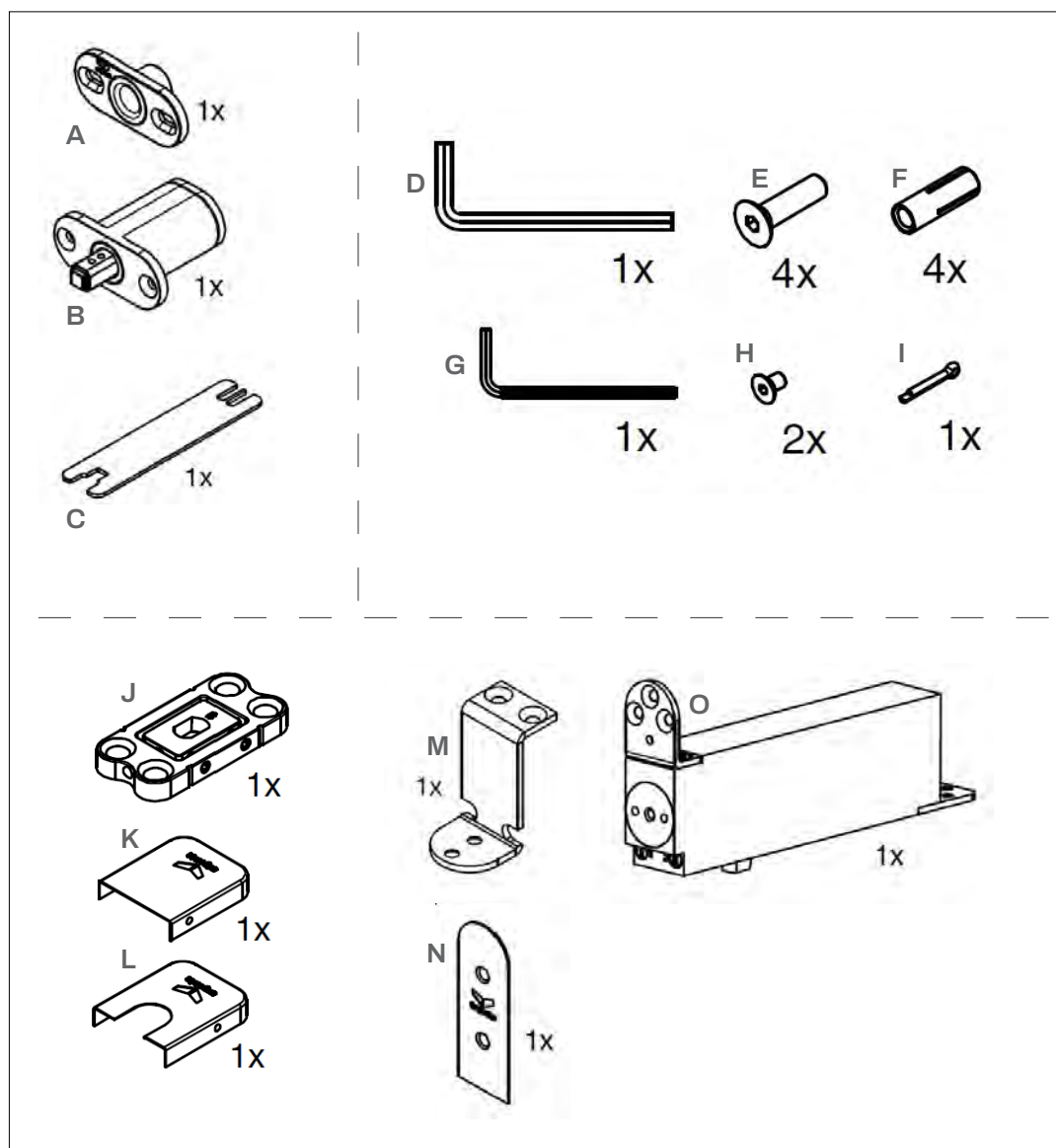
O - Pivot Body | N - Pivot Body Face Plate | J - Floor Plate | L/K - Floor Plate Cover Plate



B - Top Pivot Head - For Door



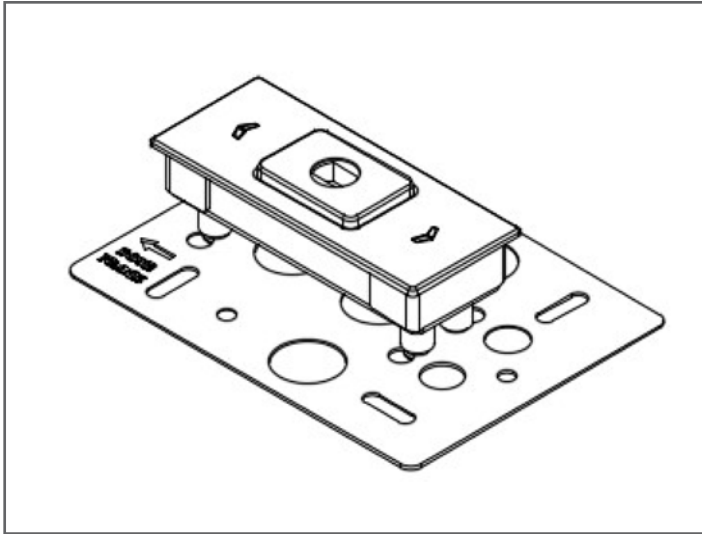
A - Ceiling Plate - For Door Jamb



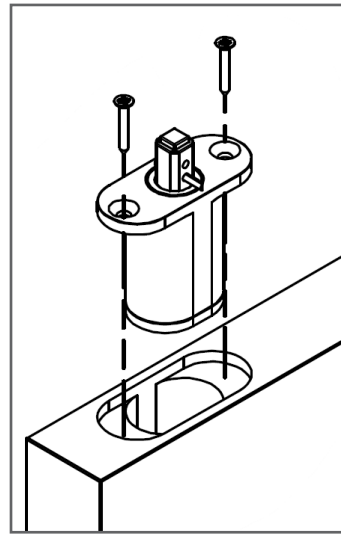
CONTENTS

- A. Ceiling Plate - For Door Jamb
- B. Top Pivot Head - For Door
- C. Adjustable Assembly Wrench
- D. Allen Key
- E. Fixing Screws 4x
- F. Screw Casing 4x
- G. Allen Key 1x
- H. Fixing Screws 2x
- I. Split Pin 1x
- J. Floor Plate
- K. Floor Plate Cover
- L. Floor Plate Cover
- M. Bracket For Centre / Off-Centre Position
- N. Pivot Body Face Plate
- O. Pivot Body

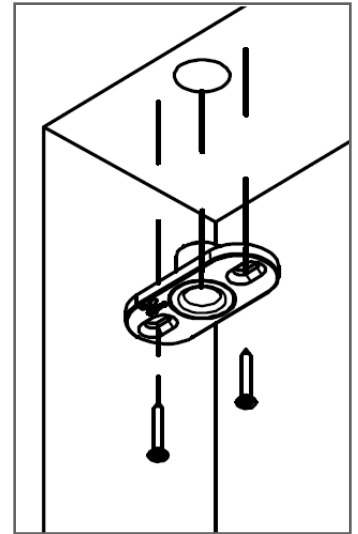
INSTALLATION OF PARTS FOR BUILT-IN



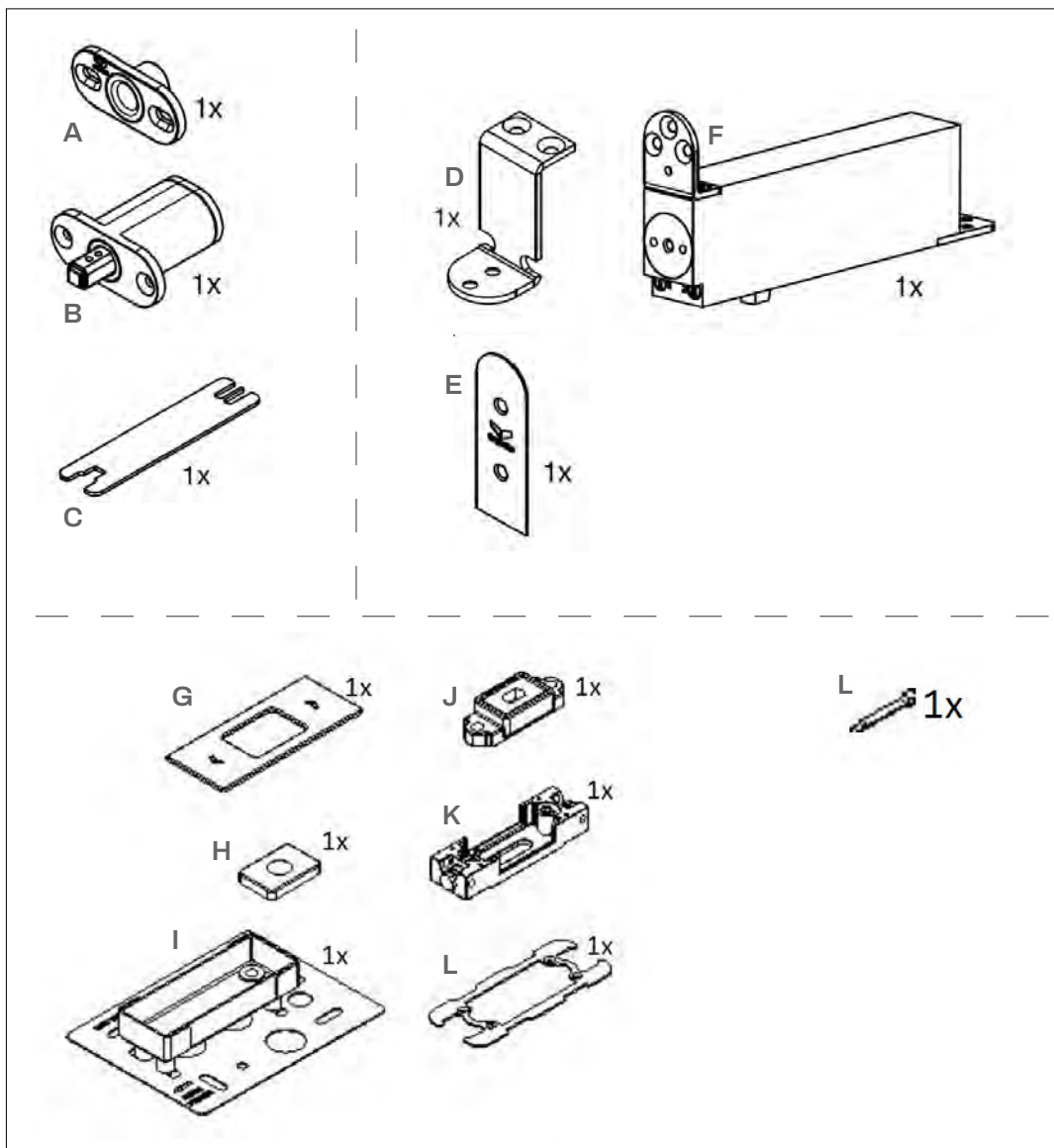
Built-In Plate



Top Pivot Head - For Door



Ceiling Plate - For Door Jamb



CONTENTS

- A.** Ceiling Plate - For Door Jamb
- B.** Top Pivot Head - For Door
- C.** Adjustable Assembly Wrench
- D.** Bracket For Centre / Off-Centre Position
- E.** Pivot Body Face Plate
- F.** Pivot Body
- G.** main Cover Plate
- H.** Internal Cover Plate
- I.** Under-floor Mounting Unit
- J.** Pivot Floor Plate
- K.** Pivot Floor Plates
- L.** Picot Floor Plates