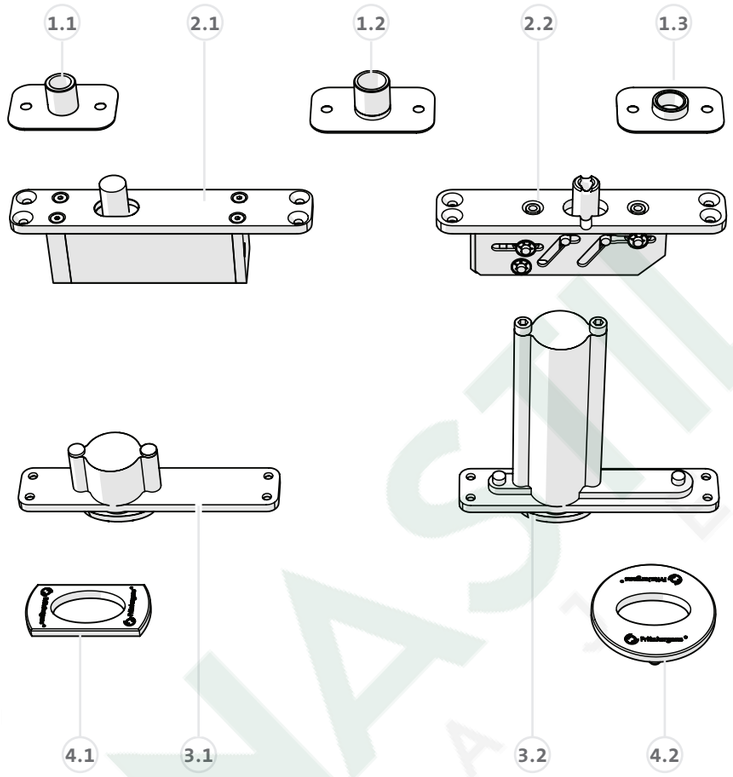
FritsJurgens®

SYSTEM ONE / 3
MILLING AND MOUNTING MANUAL

MONASTIL HERRAJES

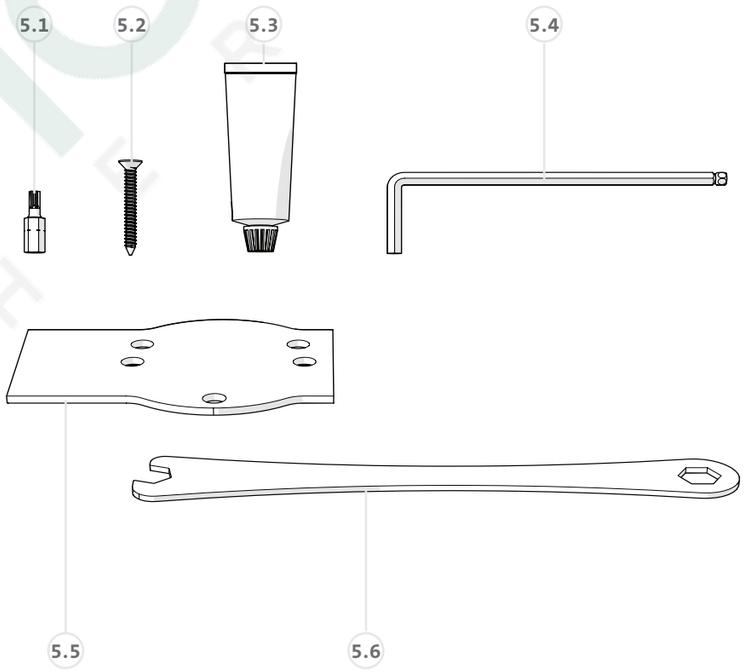
BOX CONTENTS

COMPONENTS



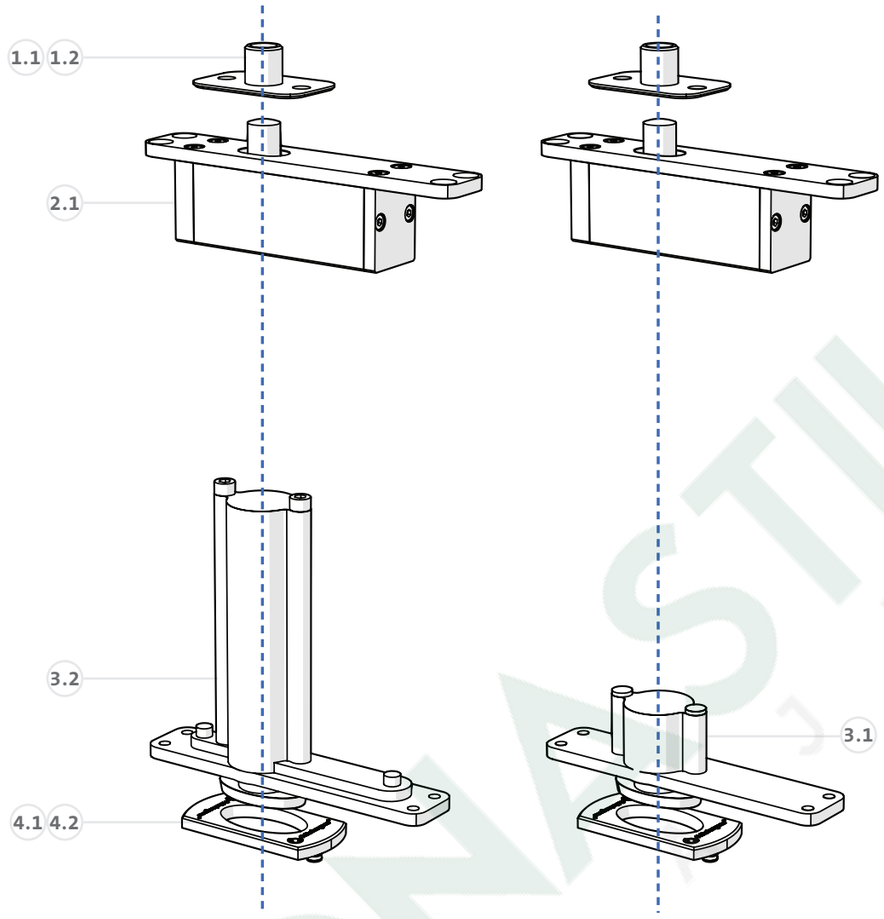
1.1 Ceiling plate - Class B
1.2 Ceiling plate - Class G
1.3 Ceiling plate - Cable Grommet
2.1 Top pivot 70 mm - Class B *or* G
2.2 Top pivot Cable Grommet
3.1 Bottom pivot System One
3.2 Bottom pivot System 3
4.1 Floor plate System One/3 - Squared
4.2 Floor plate System One/3 - Round

MILLING AND MOUNTING KIT



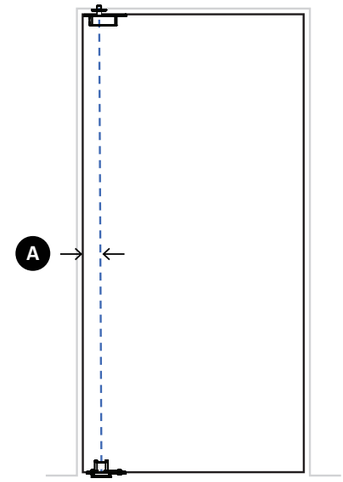
5.1 Torx bit TX20 (1x)
5.2 Screws (4x50) (10x)
5.3 Fitting adhesive
5.4 Allen key 5
5.5 Fitting template
5.6 Spanner*
* Only for System 3

SYSTEM OVERVIEW



MILLING INSTRUCTIONS

→ Determine pivot point **A**.



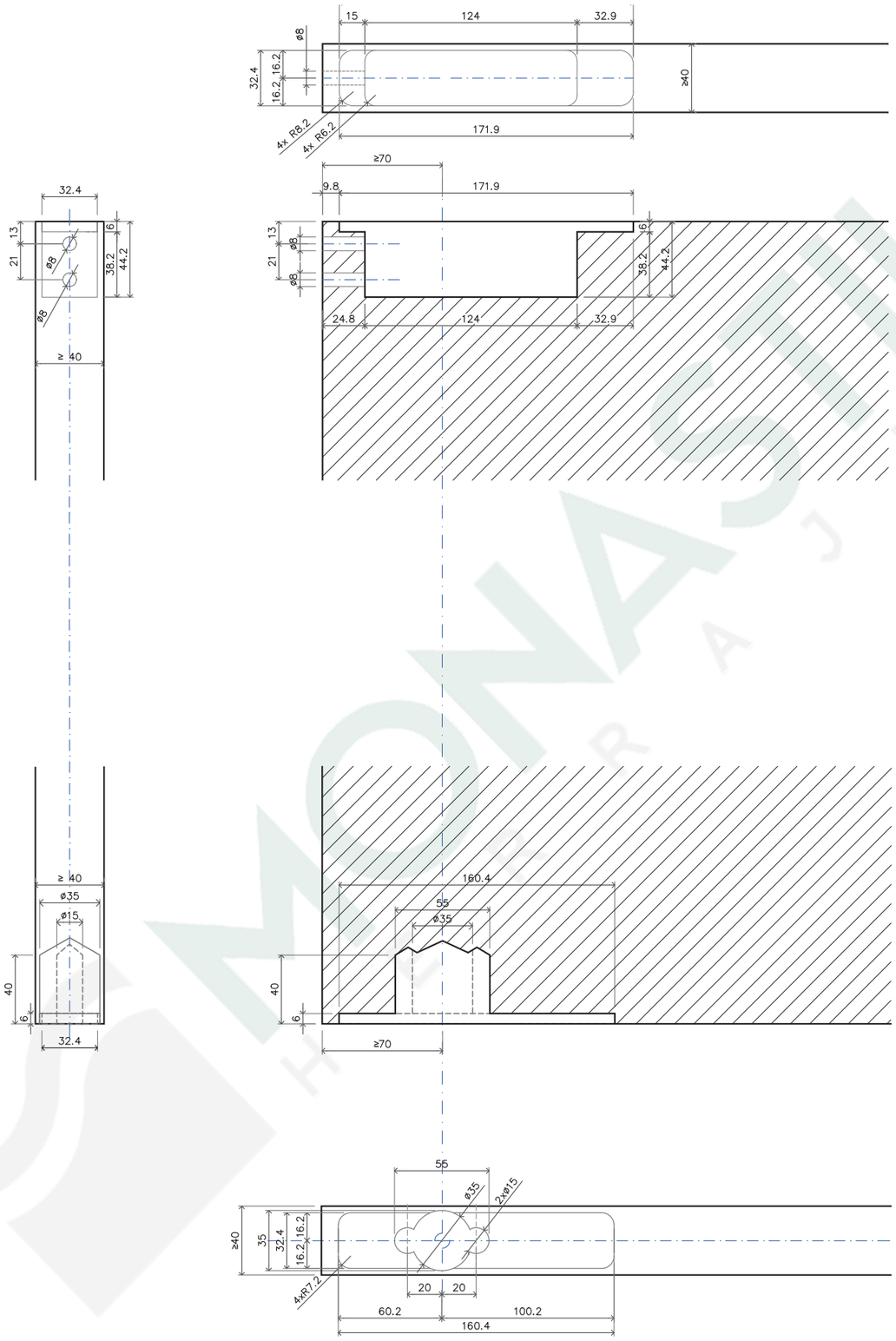
System One
- 70 mm ≤ **A** < 250 mm → page **4**
- **A** > 250 mm → page **8**

System 3
- 70 mm ≤ **A** < 250 mm → page **6**
- **A** > 250 mm → page **8**

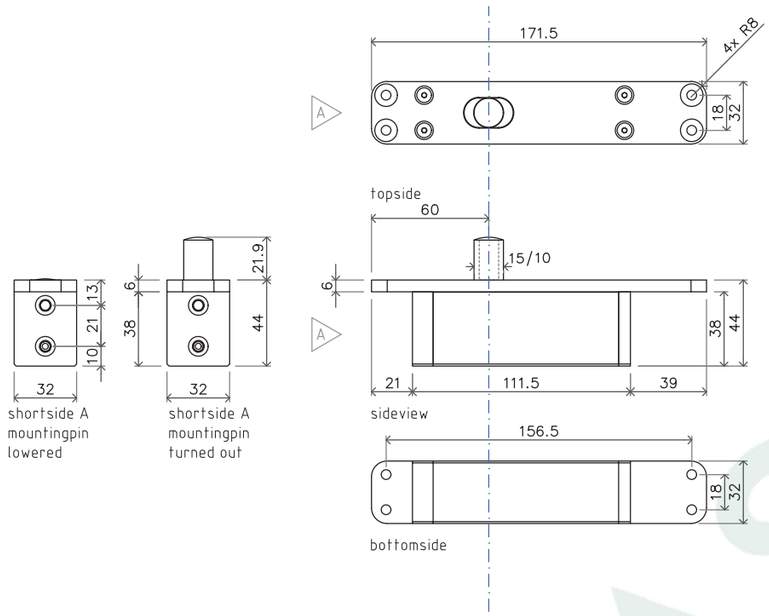
MOUNTING INSTRUCTIONS

→ page **10**

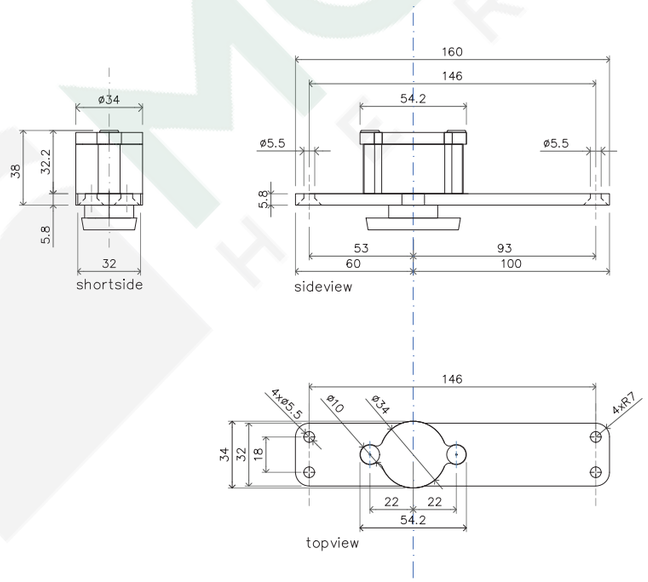
70MM ≤ A < 250 MM
PREPARING THE DOOR



COMPONENTS

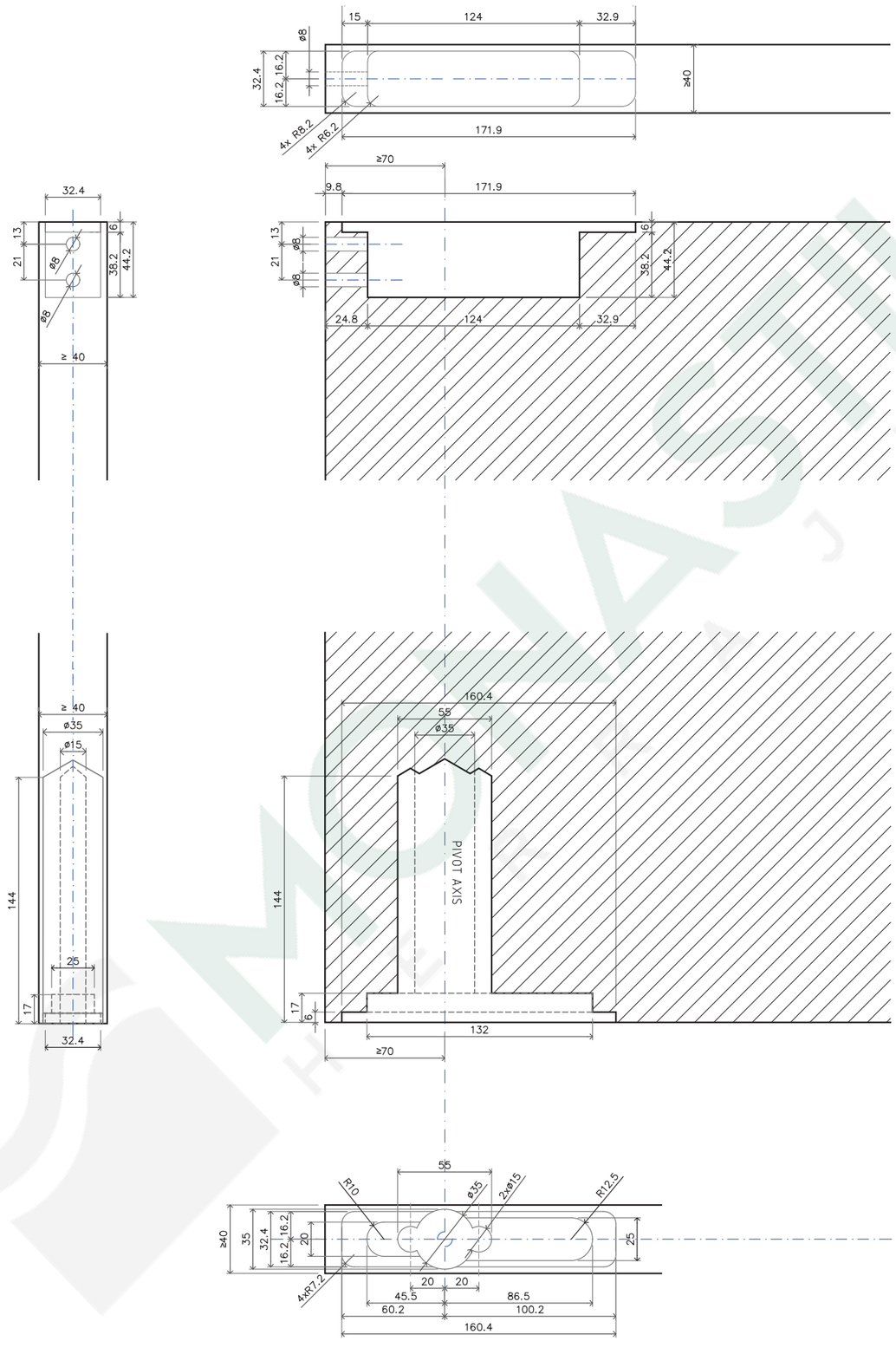


Top pivot 70 mm - Class B or G

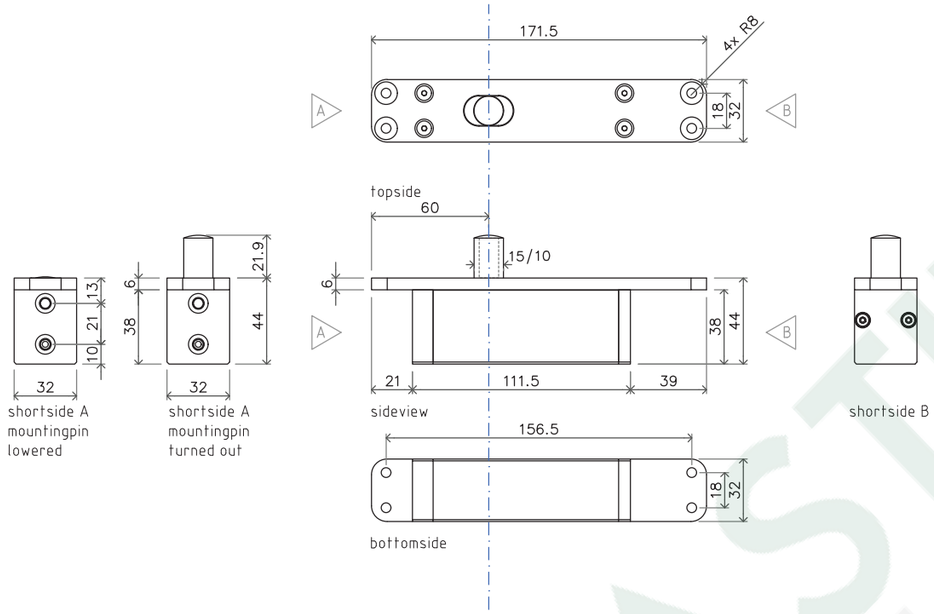


System One

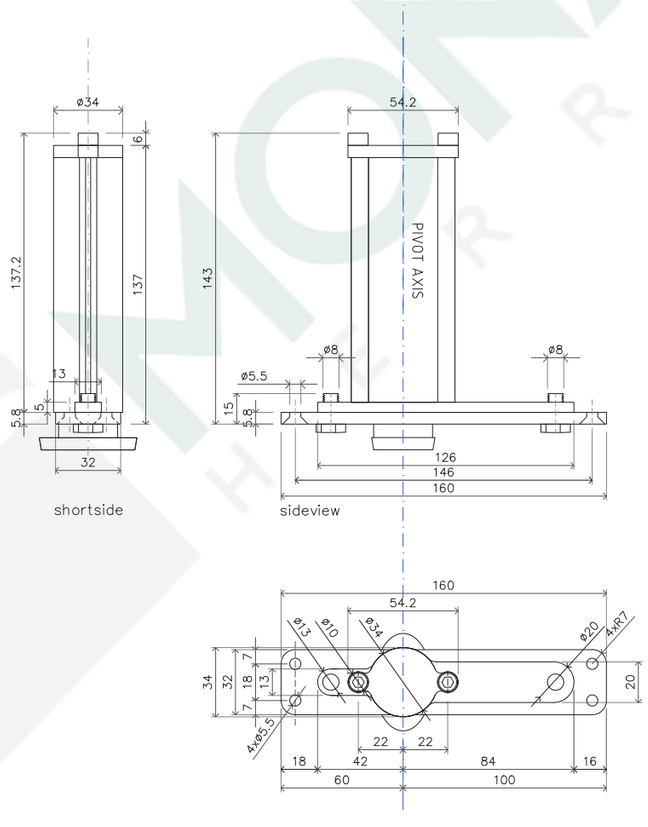
70MM ≤ A < 250 MM
PREPARING THE DOOR



COMPONENTS



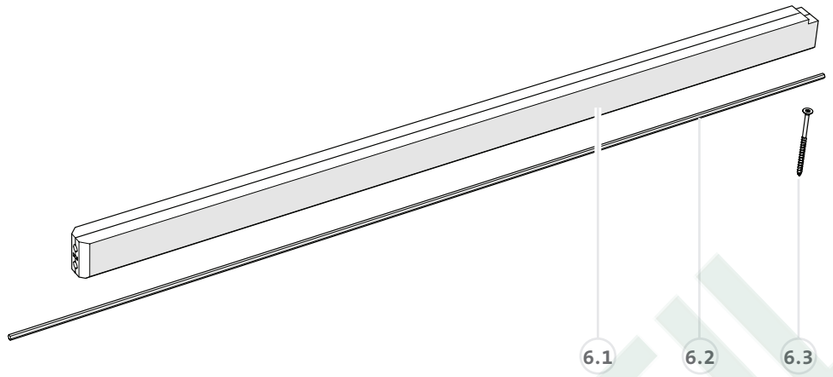
Top pivot 70 mm - Class B or G



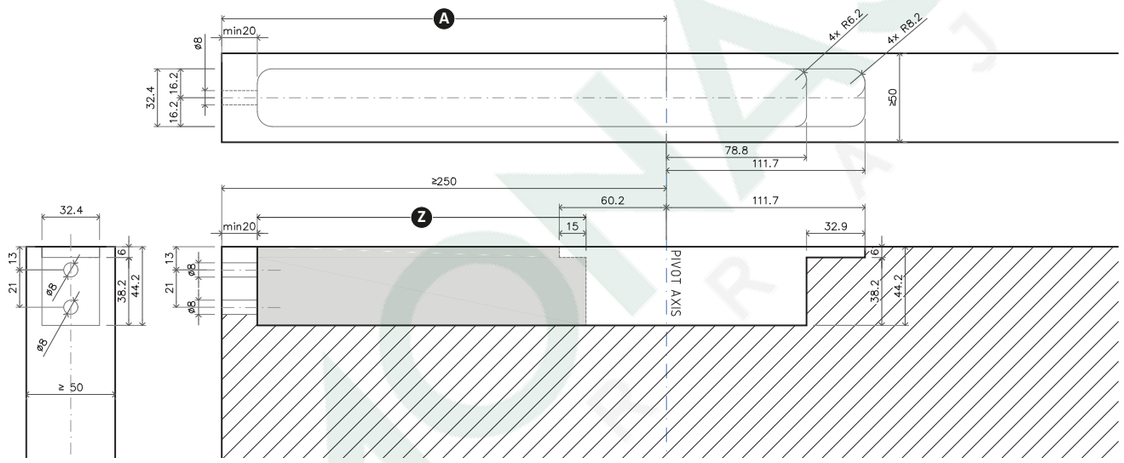
System 3

A > 250 MM
SUPPORTING COMPONENTS

6.1 Hexagon Guide 1 m *or*
Hexagon Guide 2 m
6.2 Hexagon 1.1 m *or*
Hexagon 2.1 m
6.3 Screw (4x70) (4x) *or*
Screw (4x70) (6x)

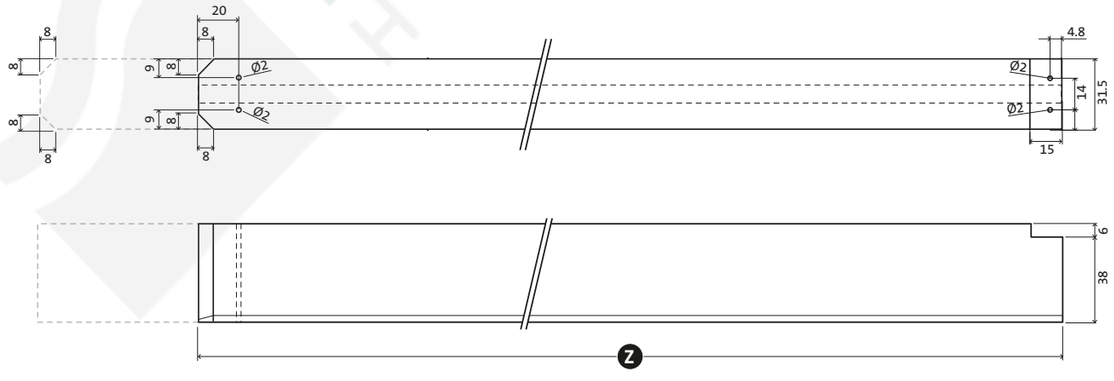


1 Determine Hexagon Guide length **Z**.



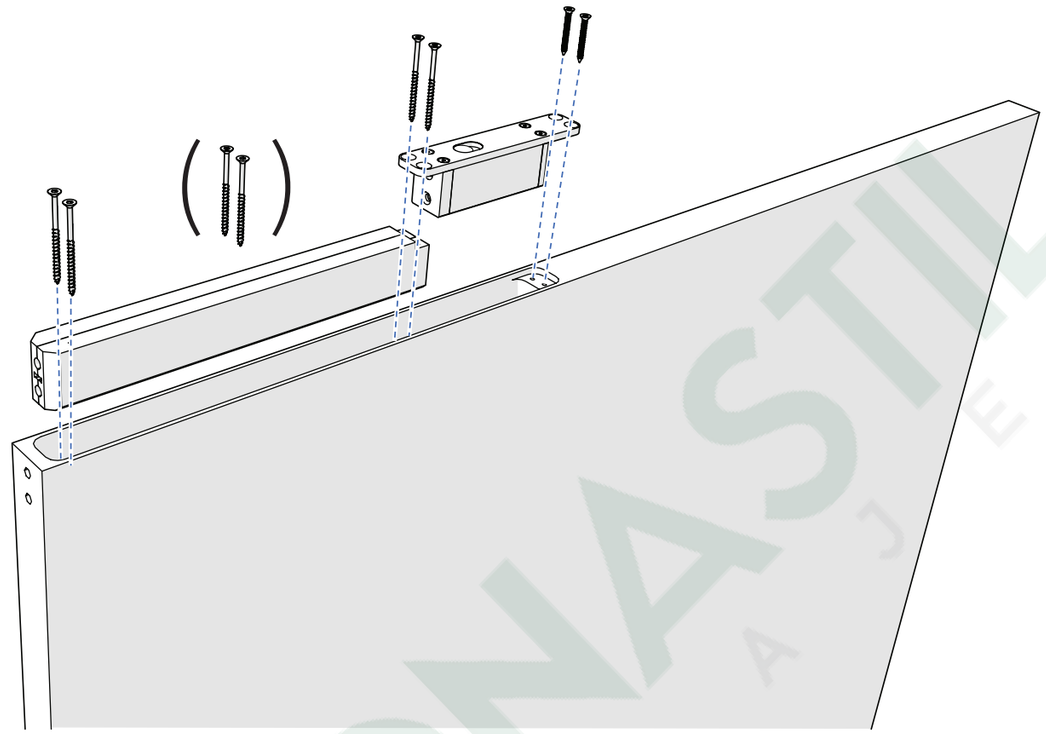
2 Cut the Hexagon Guide to size.

3 Chamfer the sides.



4 Drill holes for the mounting screws*. If you use the 1 m Hexagon Guide, two screws are enough. If you use the 2 m Hexagon Guide, use an extra pair.

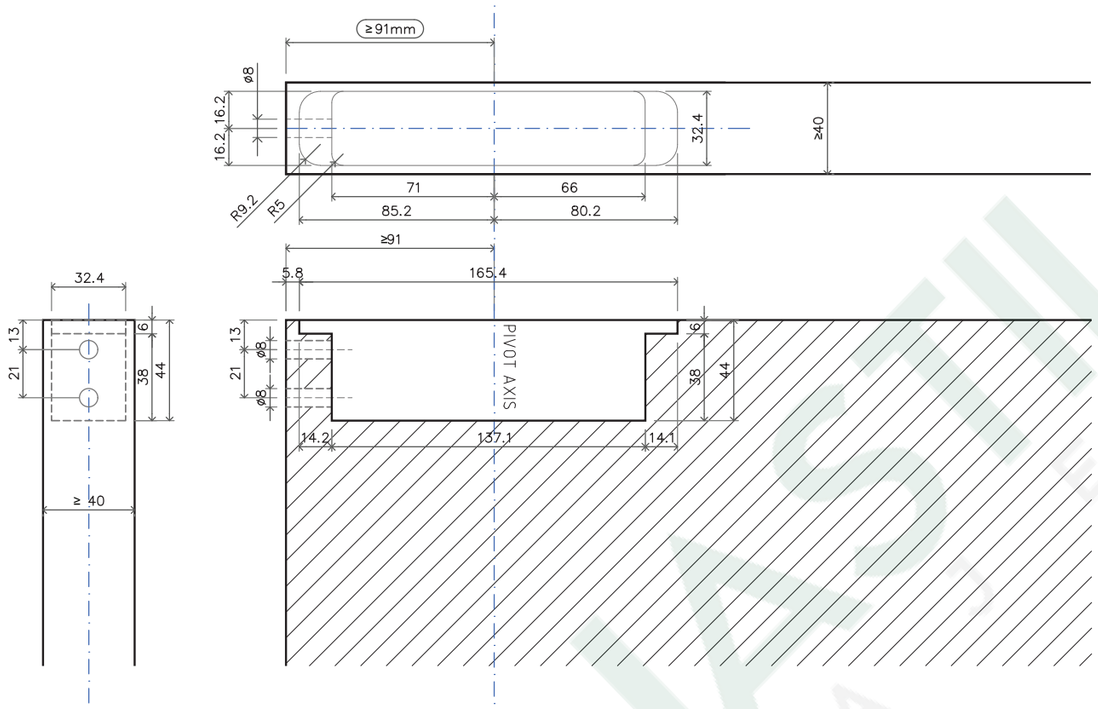
5 Mount the Hexagon Guide and the top pivot.



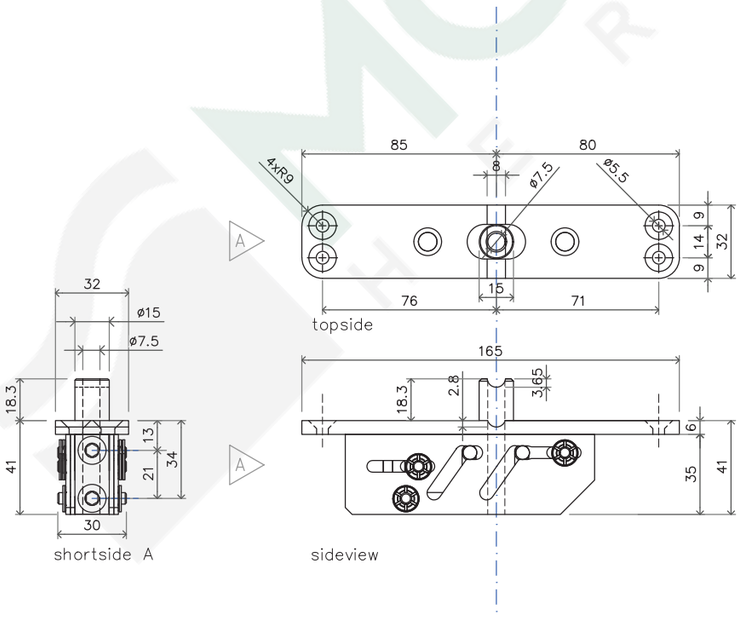
System One → continue on page **4**
System 3 → continue on page **6**

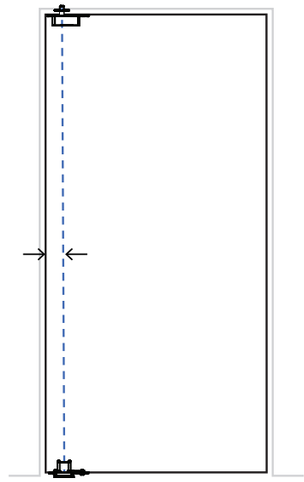
* Alternatively, use glue (not included) to mount the Hexagon Guide.

TOP PIVOT CABLE GROMMET
PREPARING THE DOOR



COMPONENT

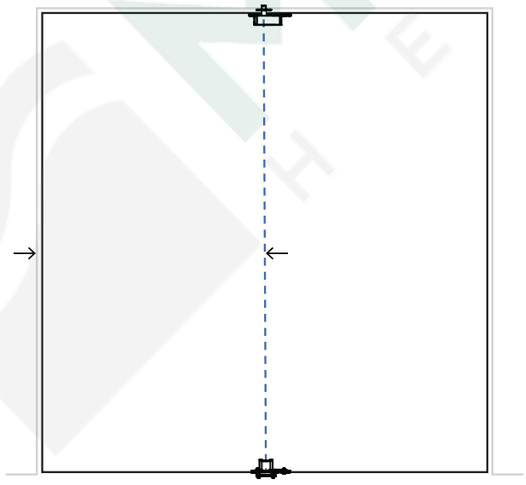




Side placement

System One

→ page **12**

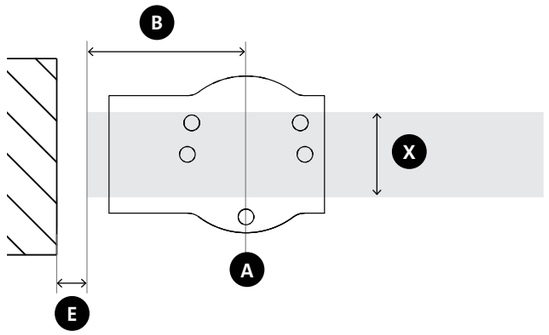


Middle placement

System One, System 3

→ page **16**

1 Determine the position of pivot point **A** on the floor. Use the fitting template and the table below.

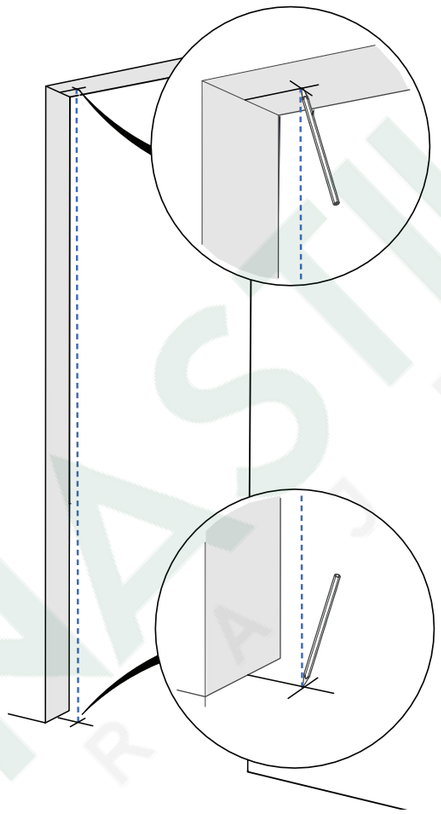


B \ X	40	50	60	70	80	90	100
70	5	6	10	10	13	15	18
91	4	5	7	9	10	12	15
250	3	3	4	4	5	6	7
500	2	3	3	3	4	4	5
1000	2	2	3	3	3	3	3
1500	2	2	2	2	2	3	3
2000	2	2	2	2	2	2	3

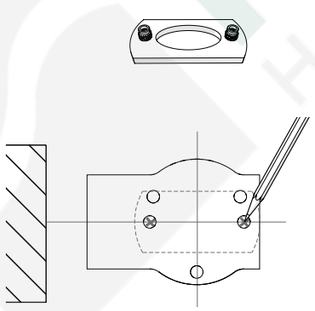
E

E Minimum gap between door and wall (mm)
B Distance pivot point to door edge (mm)
X Door thickness (mm)

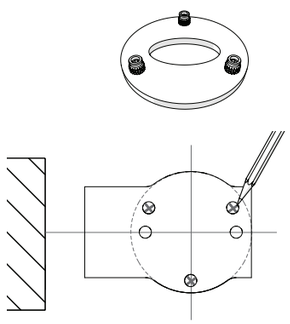
2 Mark pivot point **A** on the floor and on the ceiling.



3 Mark the drilling holes on the floor. Use the fitting template.

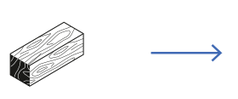


Floor plate square, one floor type

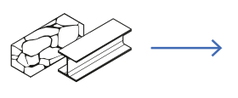


Floor plate round, one or two floor types

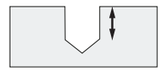
4 Select the correct drill bit for the floor and determine the drilling depth.



Ø7.5 mm (19/64 ”)

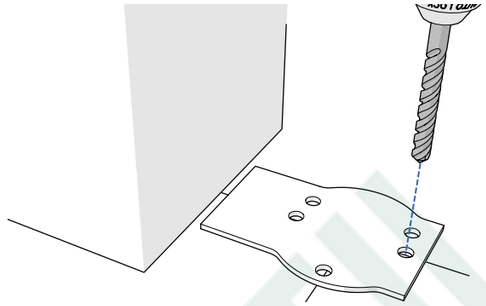


Ø8 mm (5/16 ”)



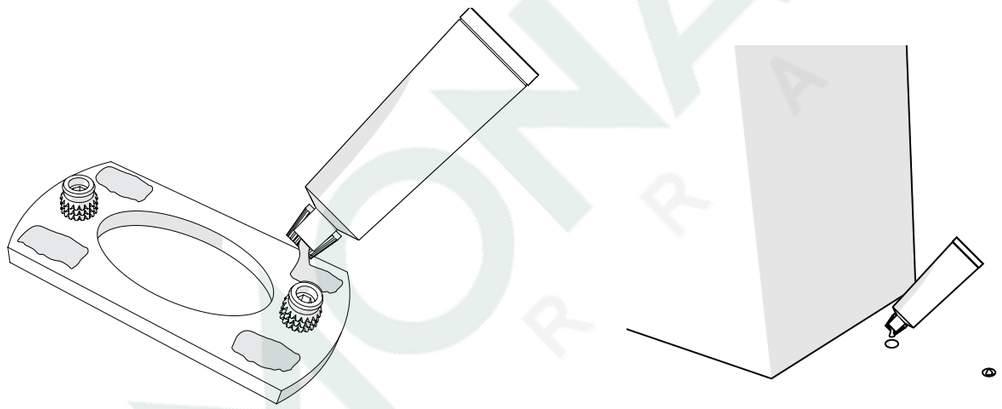
8 mm (5/16 ”)

5 Drill the holes in the floor on the marked spots.

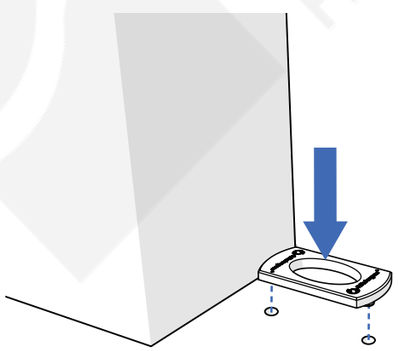


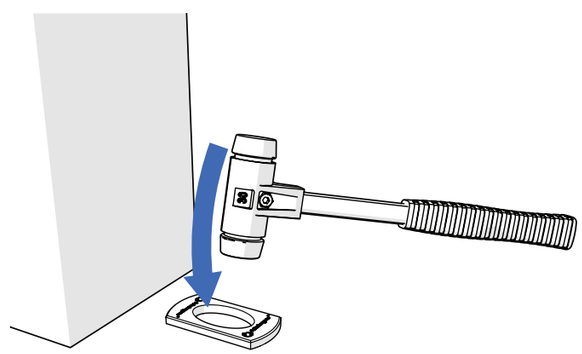
6 Apply a 1 mm thick layer of glue to the floor plate. Make sure the glue does not overflow when you affix the floor plate.

7 Add glue in the holes in the floor. Make sure the holes don’t overflow when you place the floor plate.



8 Use a rubber mallet to affix the floor plate.

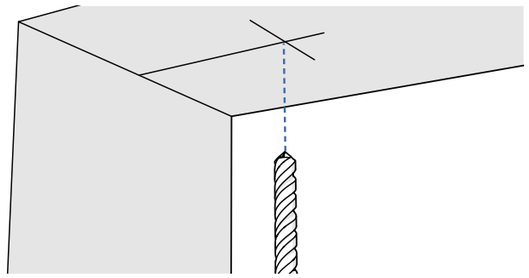




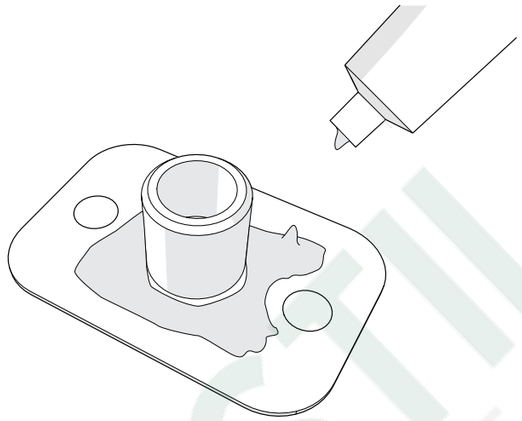
CEILING PLATE

1 Drill a hole for the ceiling plate.

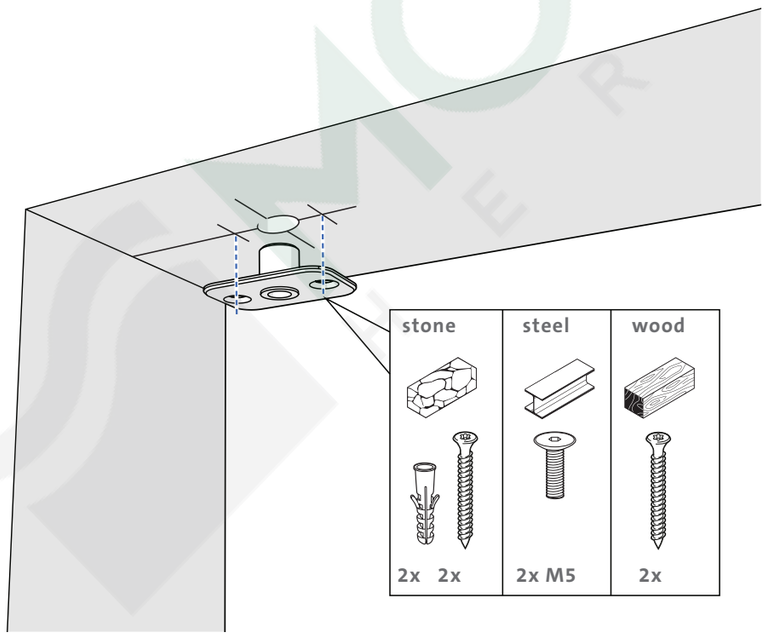
ceiling plate 10 mm	20 mm (25/32 ")	Ø18 mm (45/64 ")
ceiling plate 15 mm	20 mm (25/32 ")	Ø20 mm (25/32 ")
ceiling plate Cable Grommet	Ø20 mm (25/32 ")	



2 Apply a 1 mm thick layer of glue to the ceiling plate.

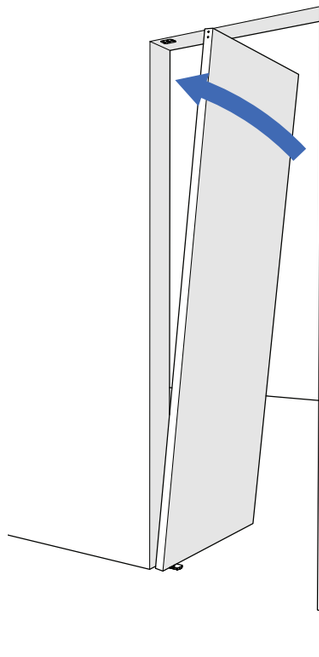


3 Affix the ceiling plate.

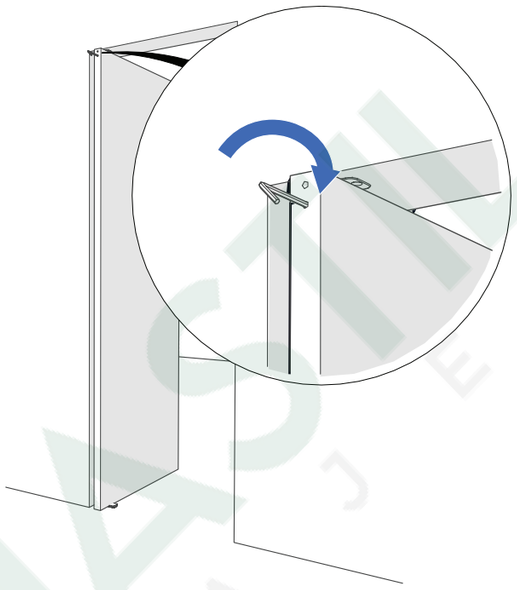


DOOR

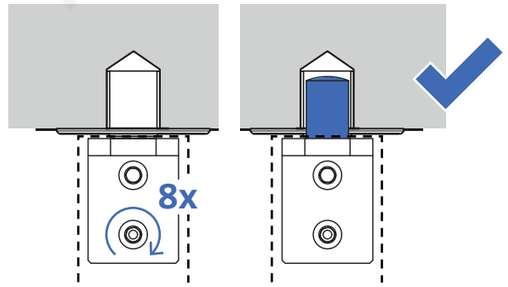
1 Position the door on the floor plate. Make sure the bottom cam is positioned in the elliptical hole in the floor plate. Align the door with the ceiling plate.



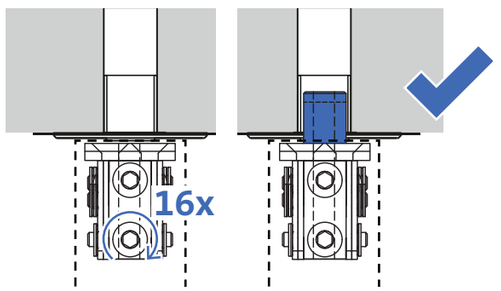
2 Extend the pivot with Allen key 5 or use the Hexagon Guide (page 8, item 6.2).



Top pivot 70 mm → Turn the key **8** times.



Top pivot Cable Grommet → Turn the key **16** times.

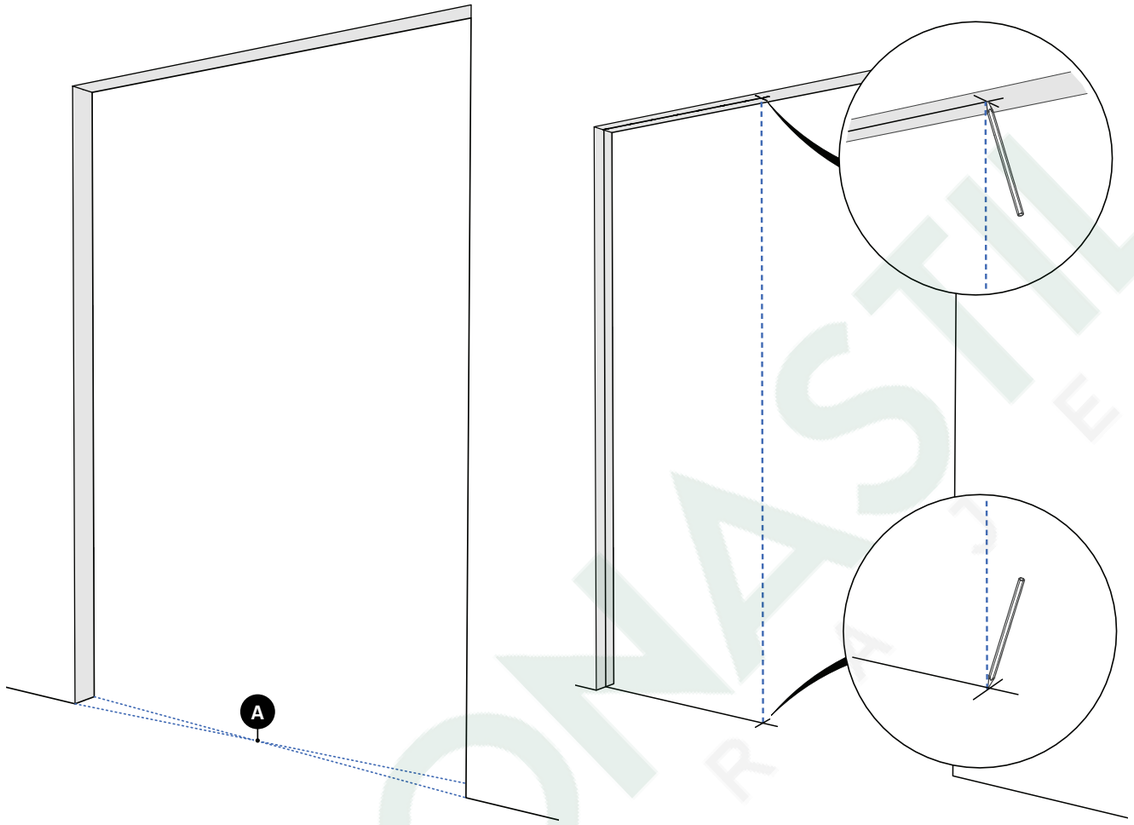


→ continue on page **20**

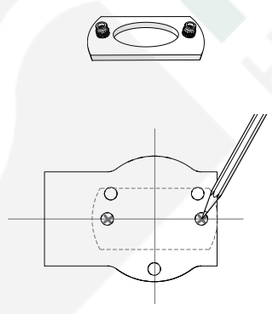
FLOOR PLATE

1 Determine the position of pivot point **A** in the middle of the door frame on the floor.

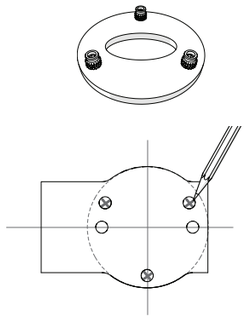
2 Mark pivot point **A** on the floor and on the ceiling.



3 Mark the drilling holes on the floor. Use the fitting template.

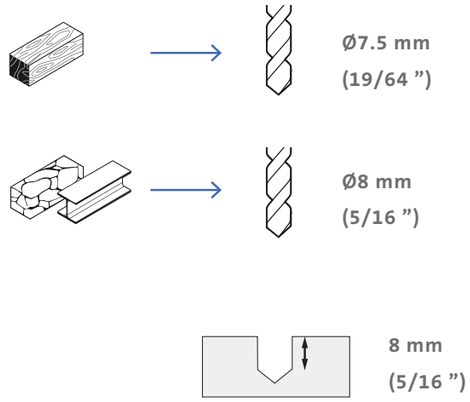


Floor plate square, one floor type

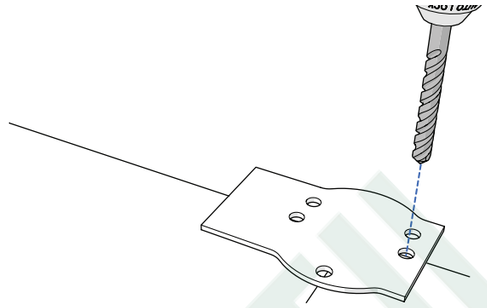


Floor plate round, one or two floor types

4 Select the correct drill bit for the floor and determine the drilling depth.

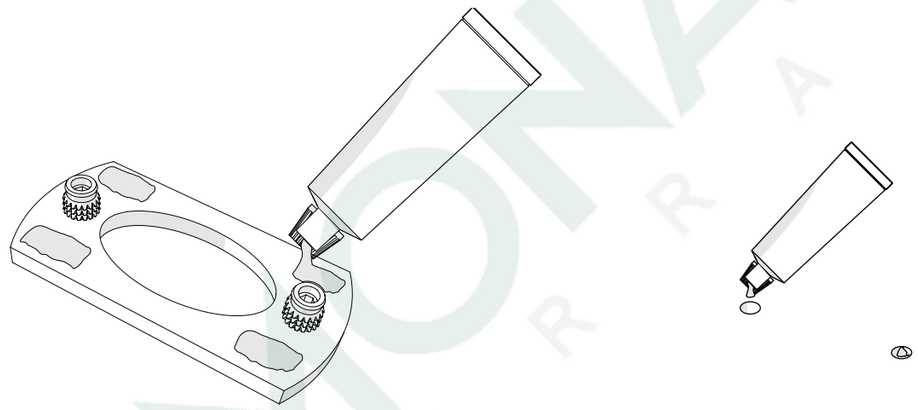


5 Drill the holes in the floor on the marked spots.

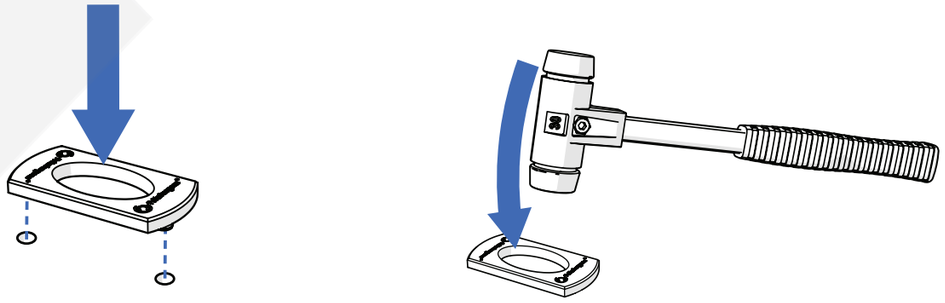


6 Apply a 1 mm thick layer of glue to the floor plate. Make sure the glue does not overflow when you affix the floor plate.

7 Add glue in the holes in the floor. Make sure the holes don't overflow when you place the floor plate.



8 Use a rubber mallet to affix the floor plate.



CEILING PLATE

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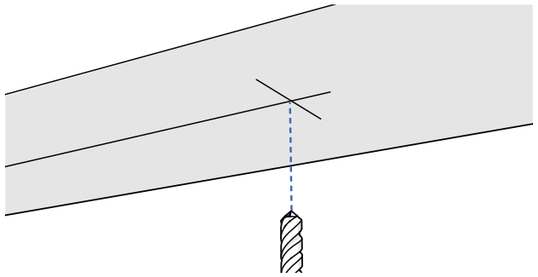
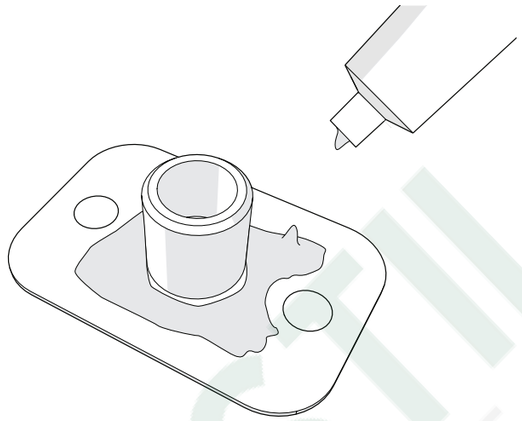
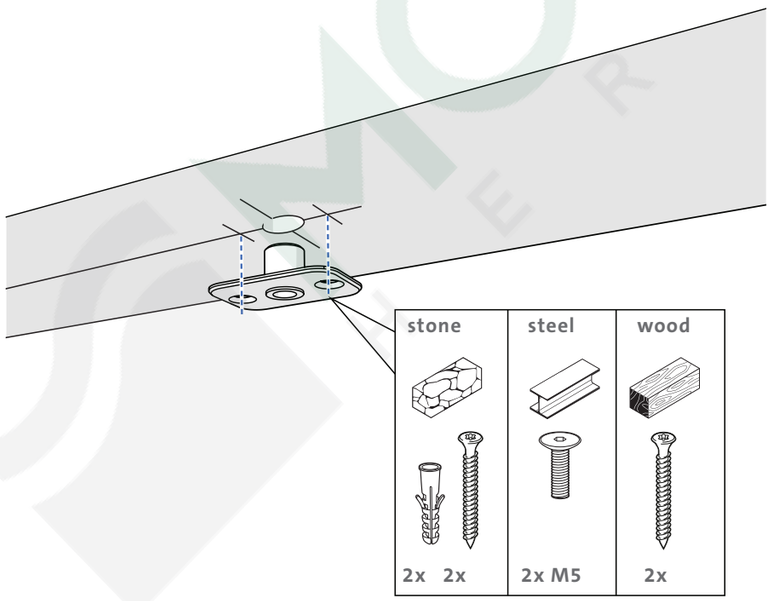
ceiling plate 15 mm	**20 mm (25/32 ")**	**Ø20 mm (25/32 ")**
ceiling plate Cable Grommet	**Ø20 mm (25/32 ")**	



2 Apply a 1 mm thick layer of glue to the ceiling plate.

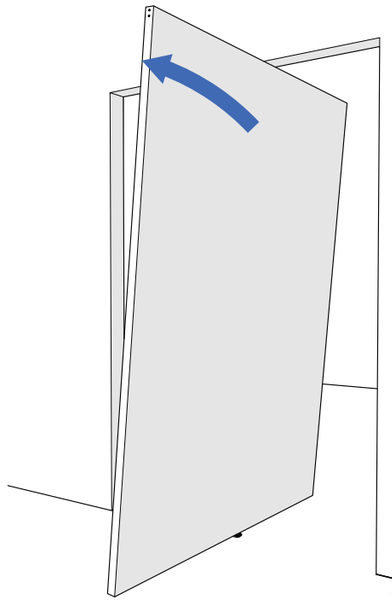


3 Affix the ceiling plate.

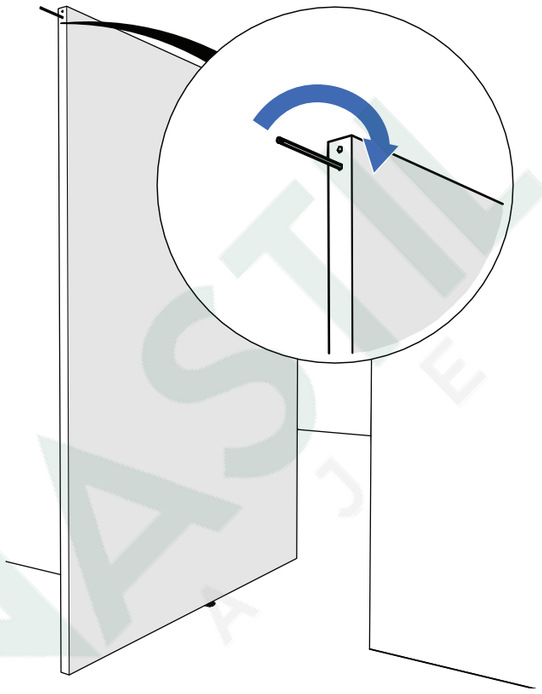


DOOR

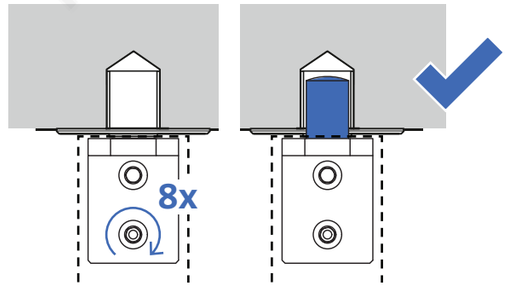
1 Position the door on the floor plate. Make sure the bottom cam is positioned in the elliptical hole in the floor plate. Align the door with the ceiling plate.



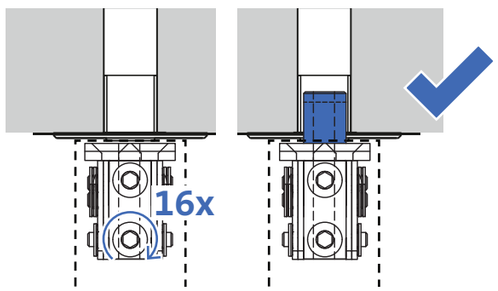
2 Extend the pivot with the Hexagon Guide (page 8, item 6.2).



Top pivot 70 mm → Turn the key **8** times.

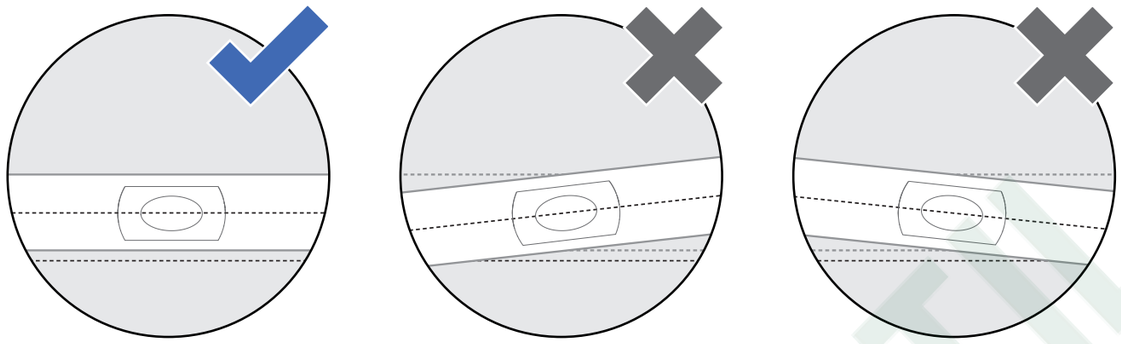


Top pivot Cable Grommet → Turn the key **16** times.

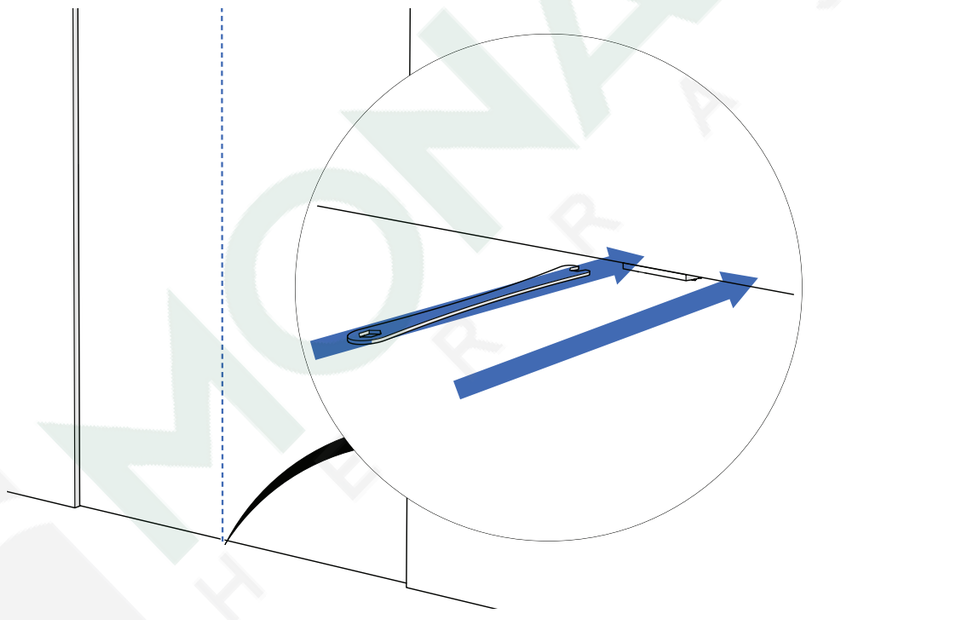


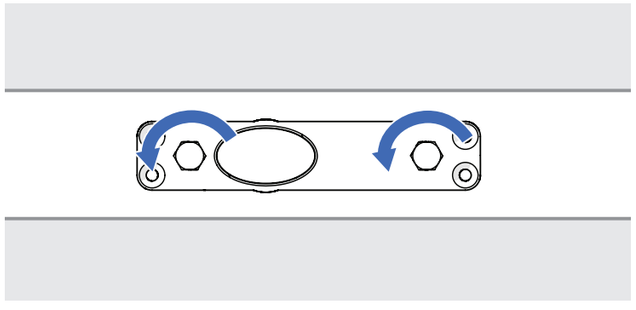
FINE-TUNING RADIAL POSITION

1 Check the radial alignment of the door.

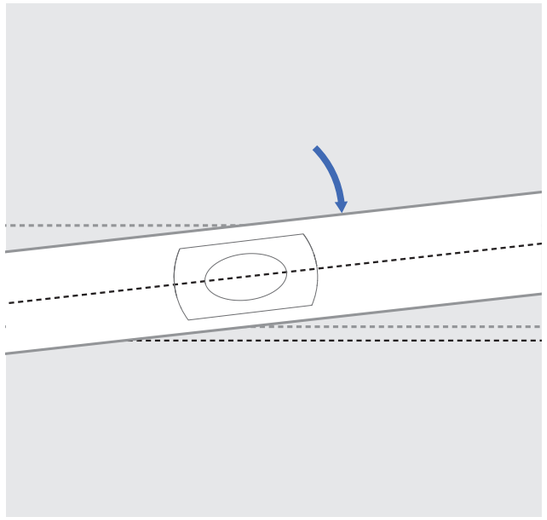


2 If the door is not properly aligned, unlock the two bolts on the bottom pivot with the adjustment spanner.

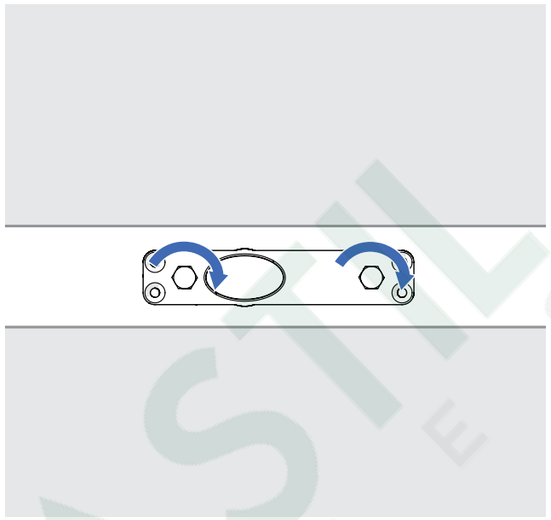




3 Rotate the door until it is aligned parallel to the wall.



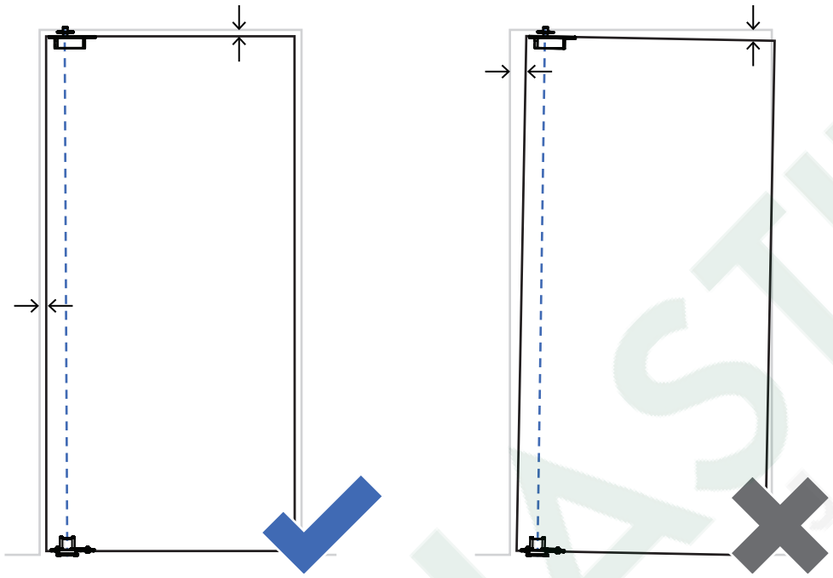
4 Lock the two bolts on the bottom pivot.



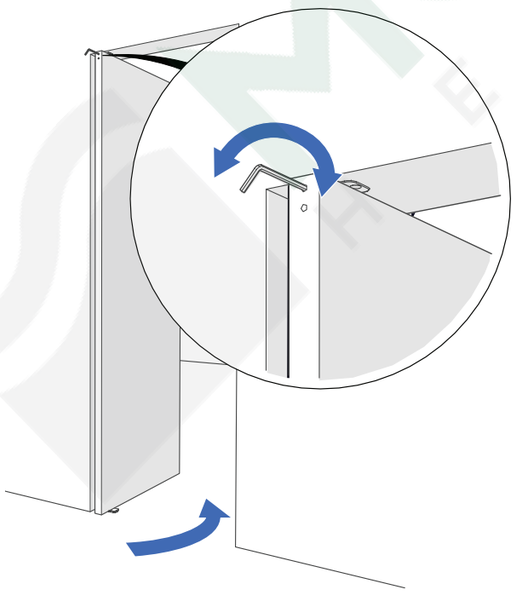
SIDE PLACEMENT AND MIDDLE PLACEMENT

FINE-TUNING THE CLOSING SEAM

1 Check if the door is aligned parallel to the ceiling and the wall.



2 Open the door. Use Allen key 5 or the hexagon (page 12, item 6.2) until the door is aligned parallel to the ceiling and the wall.



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