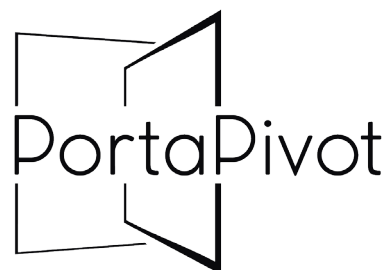# DOOR INSTALLATION MANUAL

- Custom door leaf
- PortaPivot 6530
- PortaPivot 5045
- PortaPivot Glass
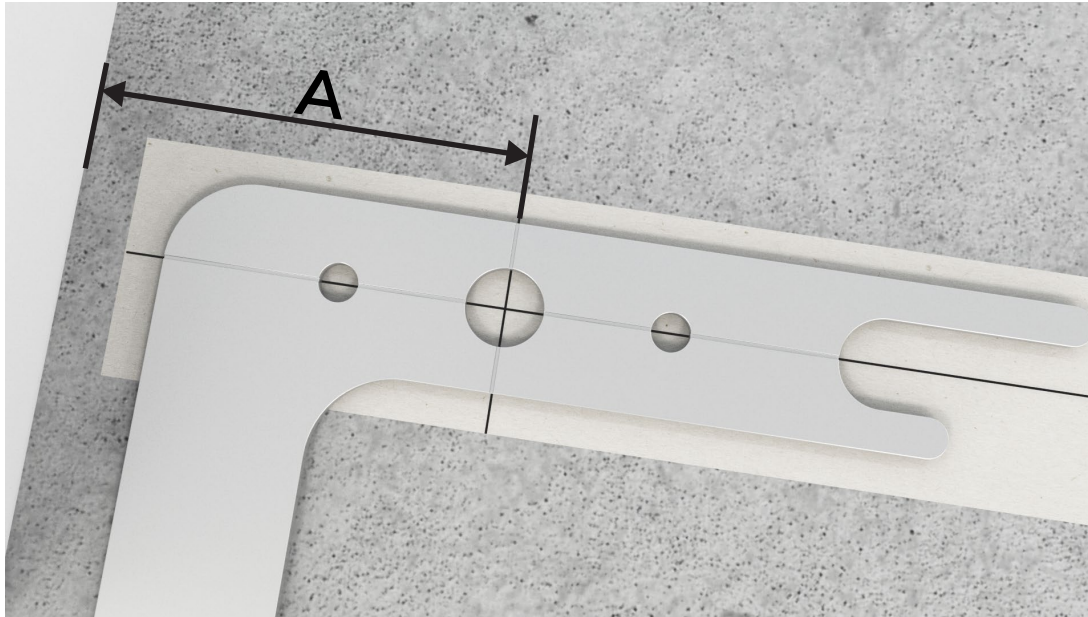
This installation manual applies to both locally manufactured door leafs and PortaPivot door systems

Watch our instruction videos on www.portapivot.com

PortaPivot

STEALTHPIVOT

By PortaPivot

Patented technology

Drill pivot mount holes

Mark the center of the hinge on a layer of masking tape on the floor (according to your doorway and door leaf measurements!).

A = pivot axis position in doorleaf + joint

Align the drill tool exactly on top of the center lines and mark the 2 drilling holes.

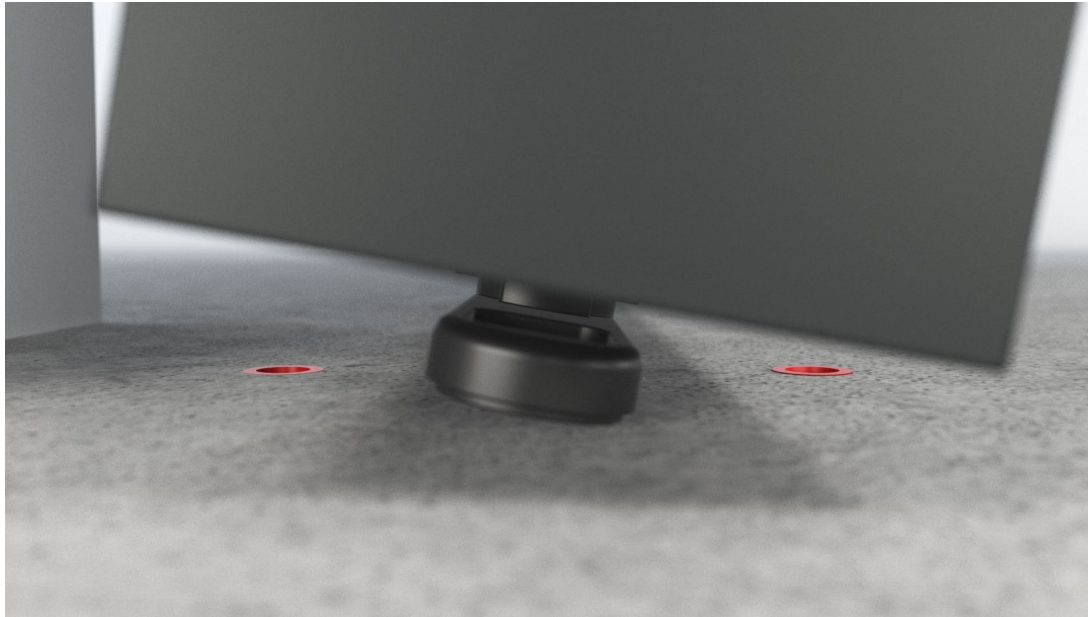Drill both holes with an 8 mm drill, +-45 mm deep.

Install Hilti plugs.

Depending on subsurface, different plugs may be required.

Ø 8 mm
45 mm deep

Ø 8 mm
45 mm deep

Use a laser to project and mark both holes to the ceiling. Drill holes and insert Hilti plugs.
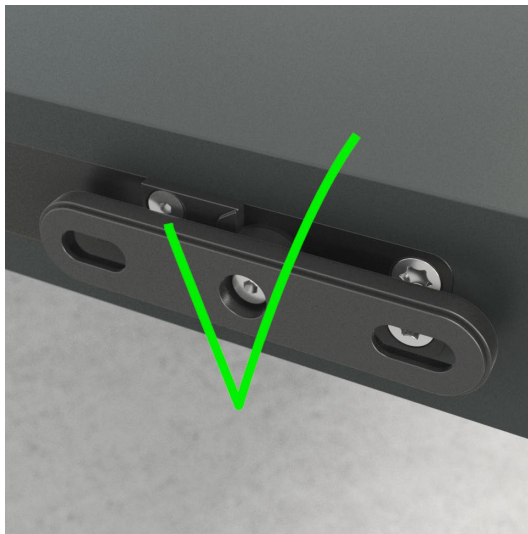
Door leaf installation

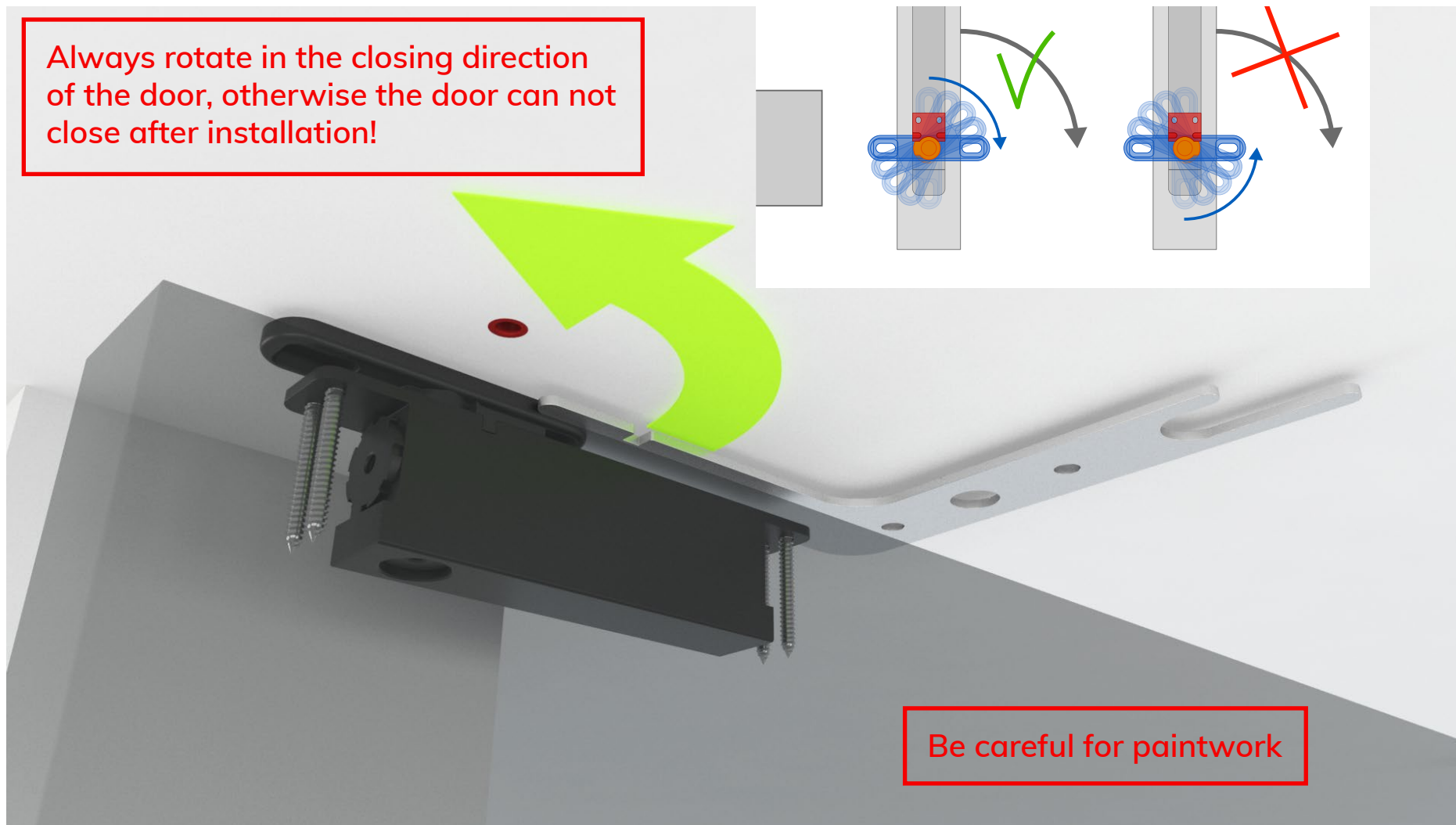Place the door leaf in the doorway, with both pivots in their closed position.

Position the bottom pivot in between the 2 mounting holes at the axis position.

Next tilt the door leaf upright.

Be careful when manipulating the self closing pivot. This will snap into position with a large force!

StealthPivot and StealthPivot XL share identical installation steps (displayed = StealthPivot).

Always rotate in the closing direction of the door, otherwise the door can not close after installation!

Be careful for paintwork

Use the drill tool to rotate the pivot mount in place. Repeat for the bottom pivot mount.

Be careful when manipulating the self closing pivot. This will snap into position with a large force!

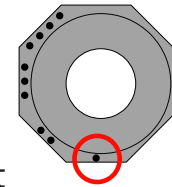StealthPivot and StealthPivot XL share identical installation steps (displayed = StealthPivot).

Use included shims where needed (preferably under the bottom pivot hinge, depending on your measurements).

StealthPivot and StealthPivot XL share identical installation steps (displayed = StealthPivot).
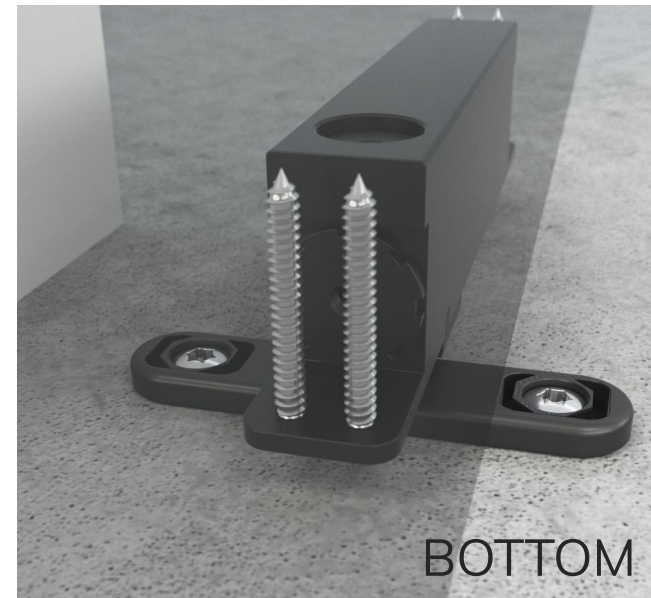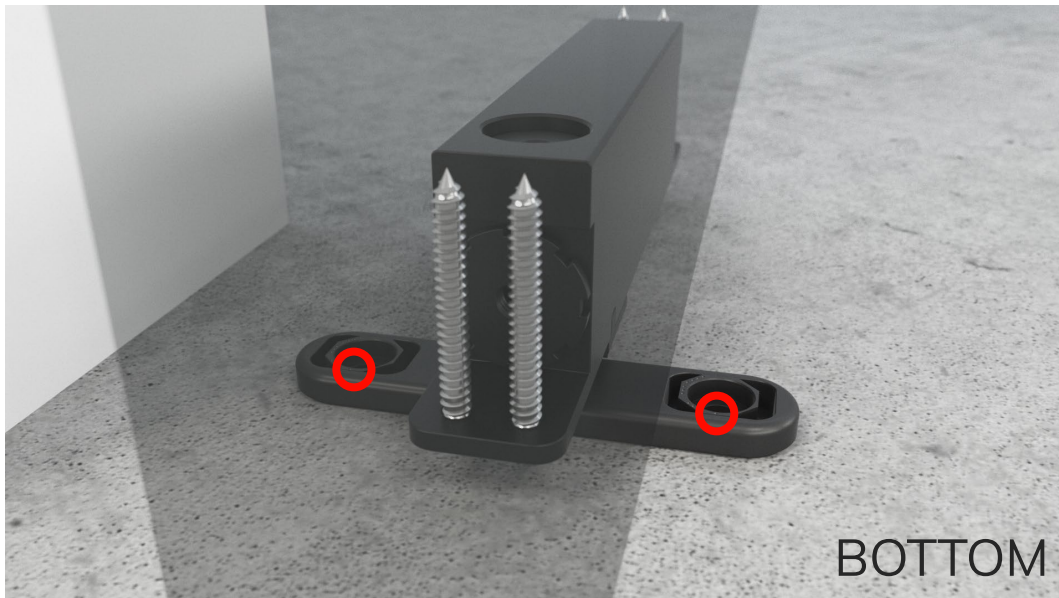
-6-

TOP first!

Secure top pivot first!

Install hexagonal insert at position 1, insert screw but do not tighten fully yet.
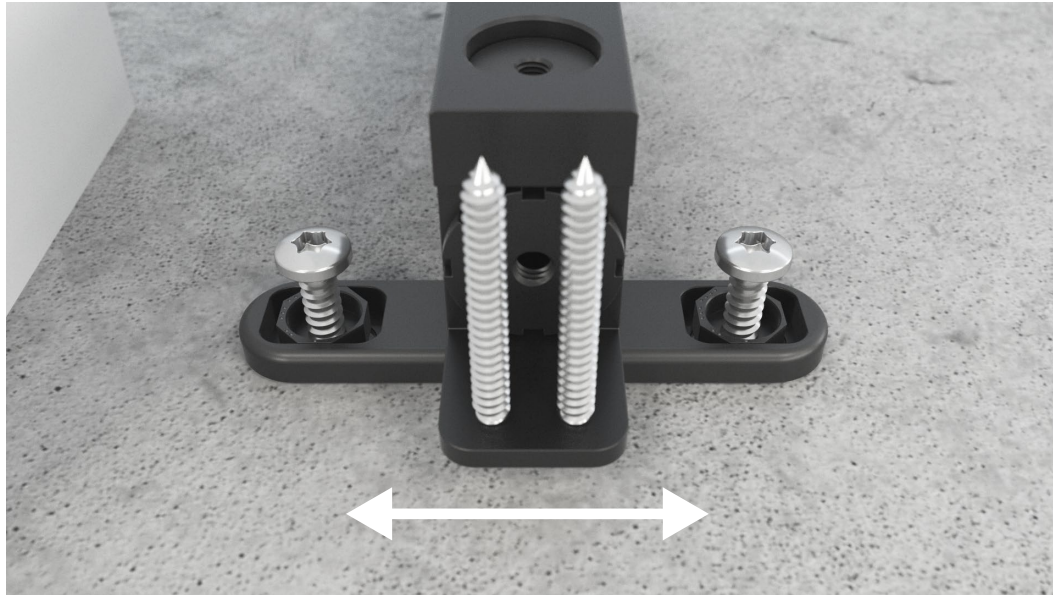
Repeat for second insert and screw.

Repeat former steps for bottom pivot.

Make sure that all inserts are placed at postion 1, all facing the same side.
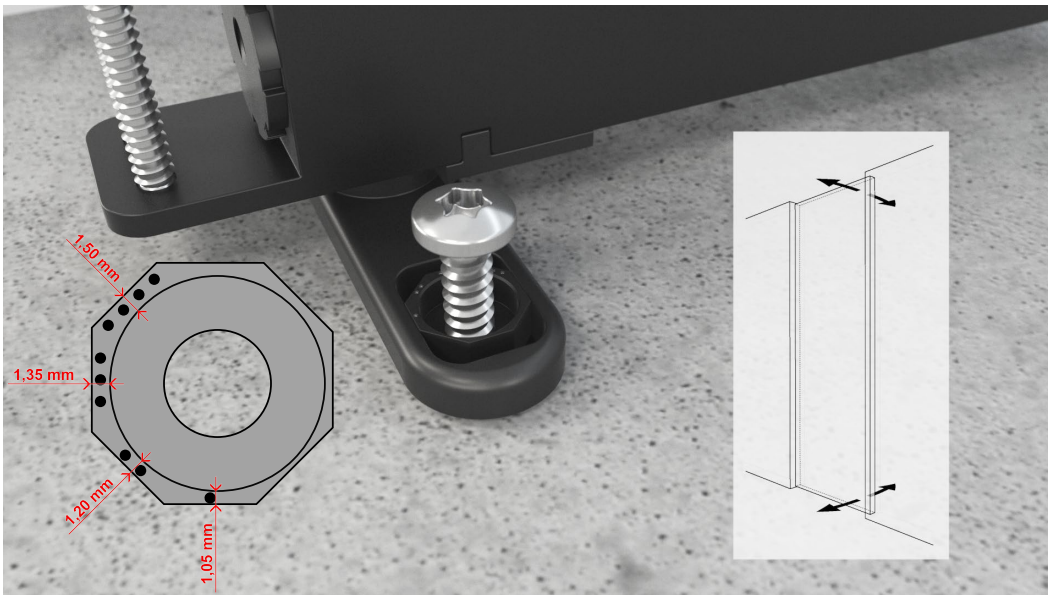

BOTTOM

BOTTOM

StealthPivot and StealthPivot XL share identical installation steps (displayed = StealthPivot).

Final adjustments for joints and 0° positioning

To move the door leaf slightly left or right to adjust the joints, loosen the screws and adjust.

After adjustment, remember to tighten screws.

The hexagonal inserts are used to finetune the door leaf angle to 0°.

The optional magnets can also be used for 0° positioning.

The magnets will ensure correct 0° positioning over a longer period of time.

1,50 mm
1,35 mm
1,20 mm
1,05 mm

StealthPivot and StealthPivot XL share identical installation steps (displayed = StealthPivot).
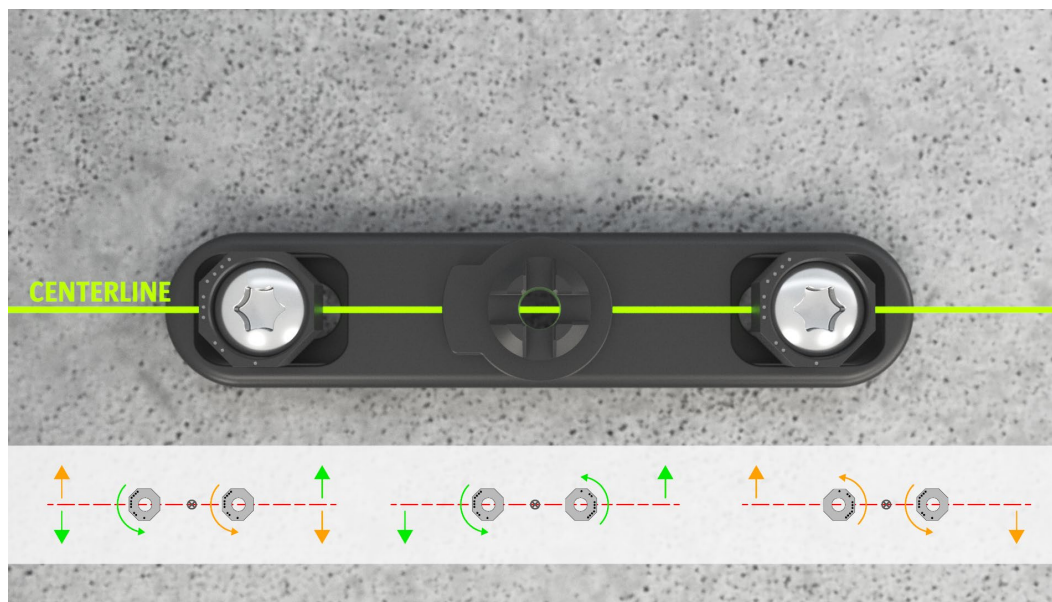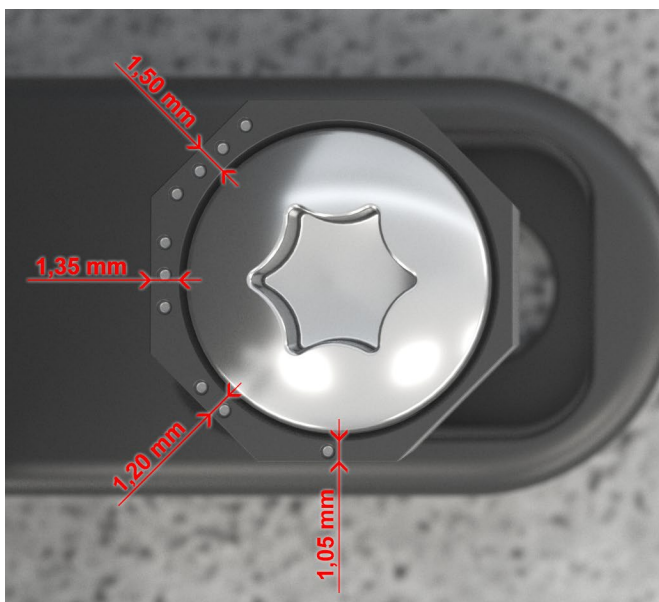
Loosen the screws, and use pliers to lift the insert out of the pivot foot.

The inserts are excentric, so each position will affect the centerline angle fo the door leaf.

The view below shows the effect on the centerline angle when rotating the inserts to different positions.
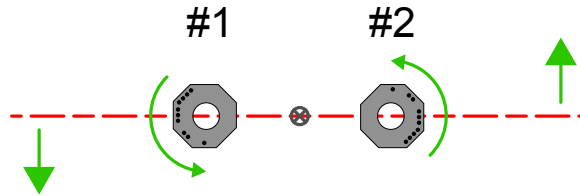
StealthPivot and StealthPivot XL share identical installation steps (displayed = StealthPivot).
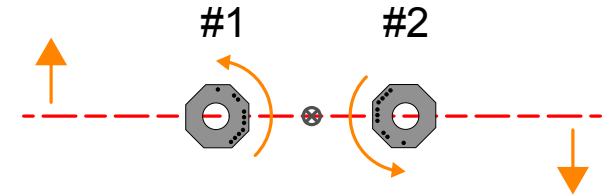
Correction angle diagram for 0° adjustment

Left panel
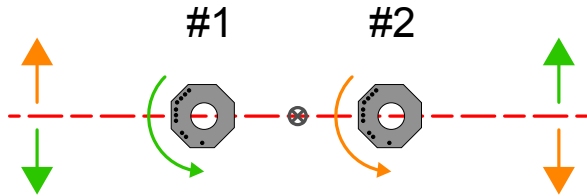
#1	#2	angle
1	1	0,00
1	2	0,13
1	3	0,25
1	4	0,38
2	1	-0,13
2	2	0,00
2	3	0,13
2	4	0,25
3	1	-0,25
3	2	-0,13
3	3	0,00
3	4	0,13
4	1	-0,38
4	2	-0,25
4	3	-0,13
4	4	0,00

Middle panel

#1	#2	angle
1	1	0,00
1	2	-0,13
1	3	-0,25
1	4	-0,38
2	1	-0,13
2	2	-0,25
2	3	-0,38
2	4	-0,51
3	1	-0,25
3	2	-0,38
3	3	-0,50
3	4	-0,63
4	1	-0,38
4	2	-0,50
4	3	-0,63
4	4	-0,76

Right panel

#1	#2	angle
1	1	0,00
1	2	0,13
1	3	0,25
1	4	0,38
2	1	0,13
2	2	0,25
2	3	0,38
2	4	0,51
3	1	0,25
3	2	0,38
3	3	0,51
3	4	0,63
4	1	0,38
4	2	0,50
4	3	0,63
4	4	0,76

Optional 0° positioning magnet on ceiling

6530 | 5045 | custom

Glass doors
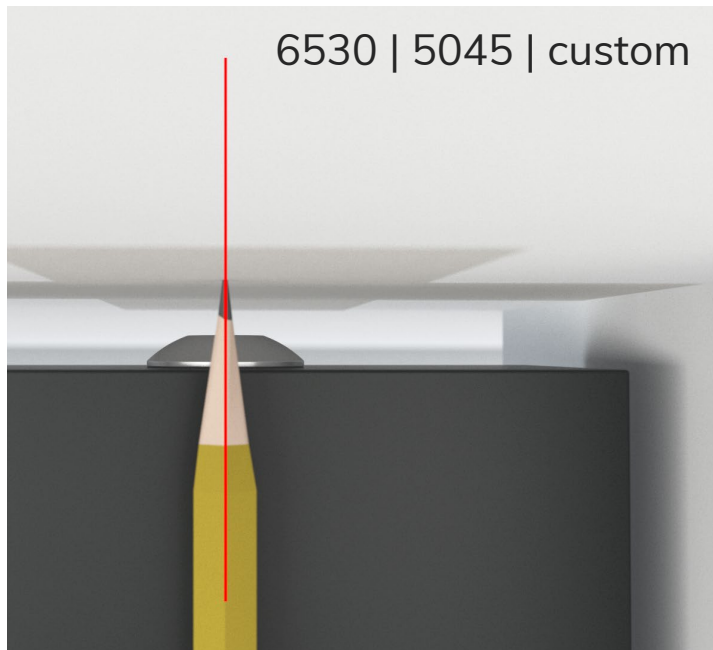
Carefully mark the center of the doorleaf and the center of the magnet onto the ceiling.
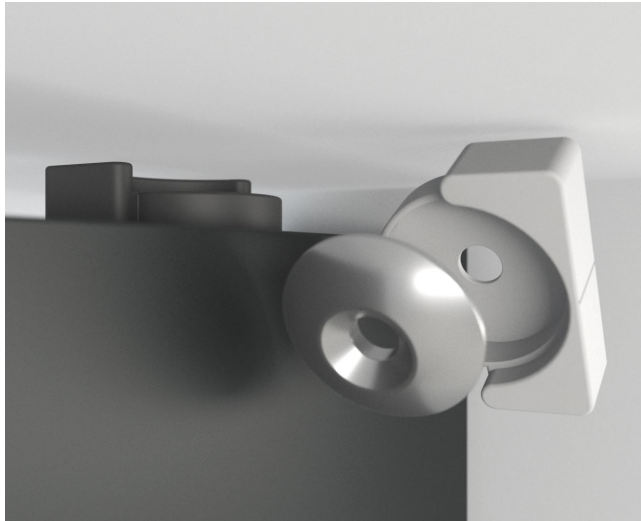
Ø 6 mm
50 mm deep

Drill the hole and install the magnet with Hilti plug and screw.

*If necessary, use optional shims for height adjustments of the magnets.

For XL versions, you can mount a magnet on both sides of the ceiling to ensure 0° positioning.
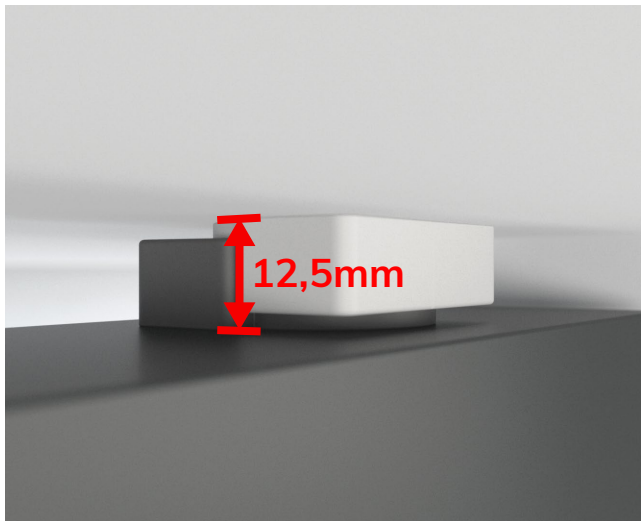
Optional 1-way on ceiling

6530 | 5045 | custom

Glass doors

Remove the magnet out of the ceiling 1-way part.

Position the ceiling 1-way against the door leaf 1-way and hold it in place while opening the door.
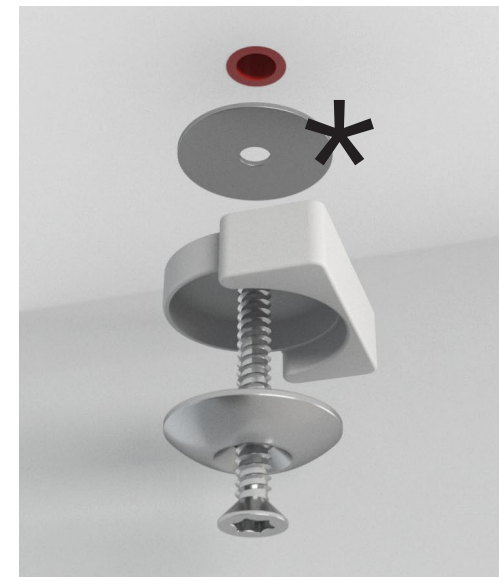

12,5mm

12,5mm

Mark the center of the 1-way.

Drill the hole and install the magnet and 1-way with Hilti plug and screw.

*If necessary, use optional shims for height adjustments of the magnets.

For XL versions, you can mount a magnet on both sides of the ceiling to ensure 0° positioning.
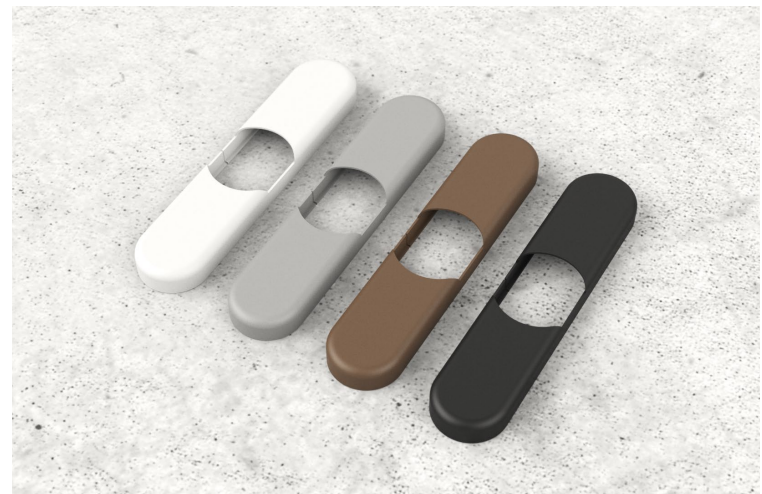

Ø 6 mm
50 mm deep

*

Minimize visible components

A supplied colored cover can be placed to hide the screws and to blend with your floor or ceiling.

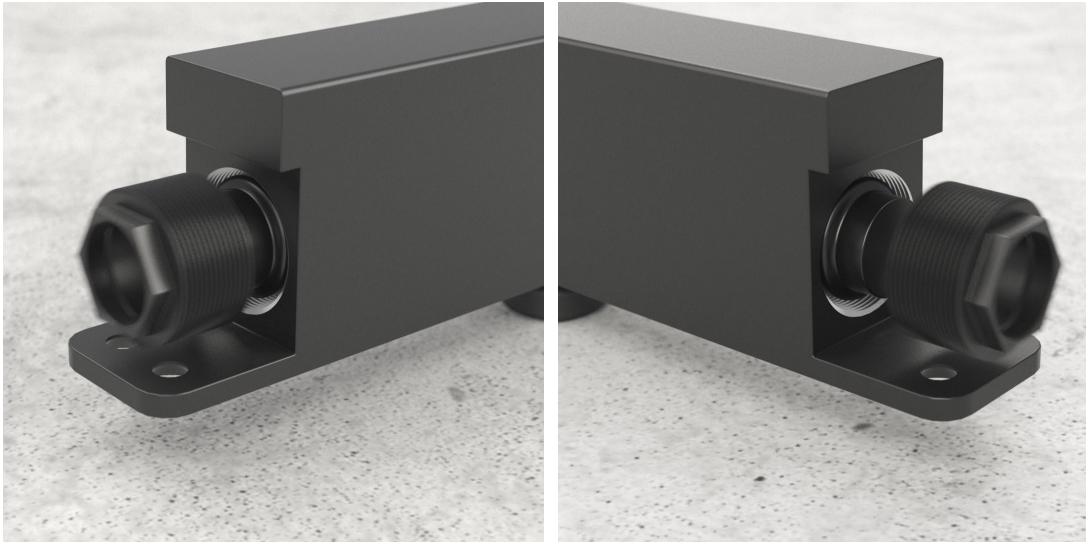Different colors are available at www.portapivot.com

StealthPivot and StealthPivot XL share identical installation steps (displayed = StealthPivot).
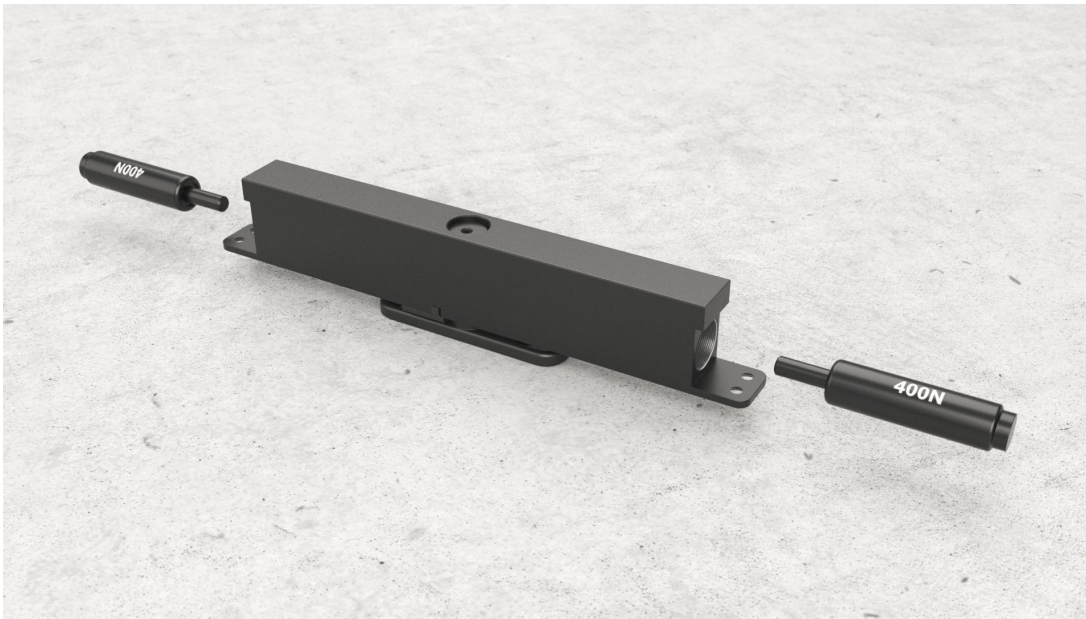
Adjustable closing force

The pivot closing force can be adjusted by changing the default gas springs.

Screw off both end caps, remove the gas springs and replace them.

Screw both caps back on.

StealthPivot XL set:
Default   = 2x 400N
Optional* = 2x 300N or 2x 500N

StealthPivot Normal set:
Default   = 2x 300N
Optional* = 2x 400N or 2x 500N

*Can be purchased seperatly on our website
www.portapivot.com

Finished product

Custom door leaf   PortaPivot 6530   PortaPivot Glass   PortaPivot 5045