Installation Instructions for KARCHER DESIGN Multipoint trims

KARCHER DESIGN GERMANY
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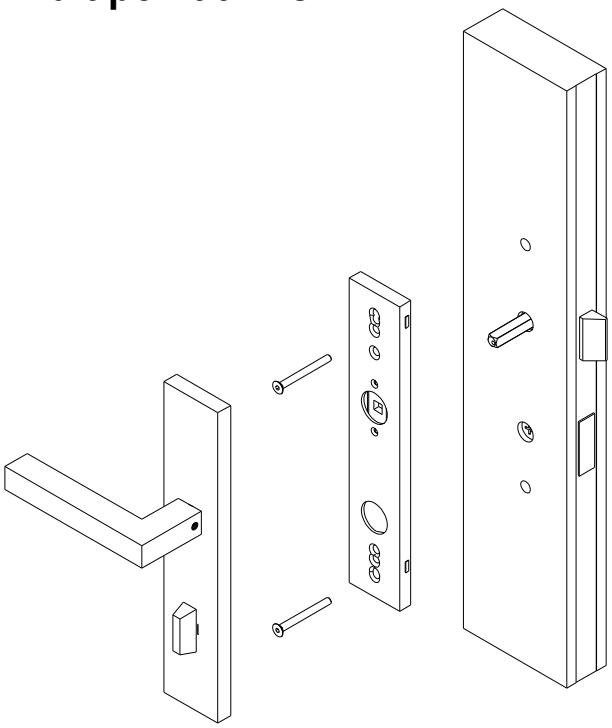

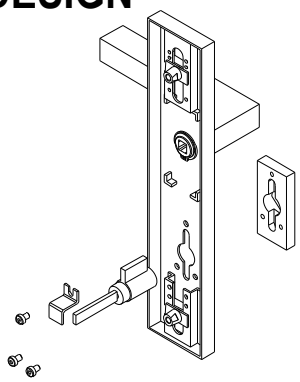

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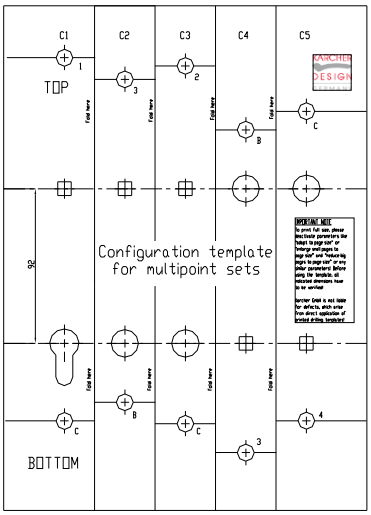
1 Determination of the door configuration

• After drilling the door and installing the multipoint lock determine the door configuration

• If you don‘t know your configuration download the “door configuration template“ on our website https://www.karcher-design.com/ or use the QR-Code:

• When using the template make sure to print it in full size

• Fold and compare the bore hole positions.

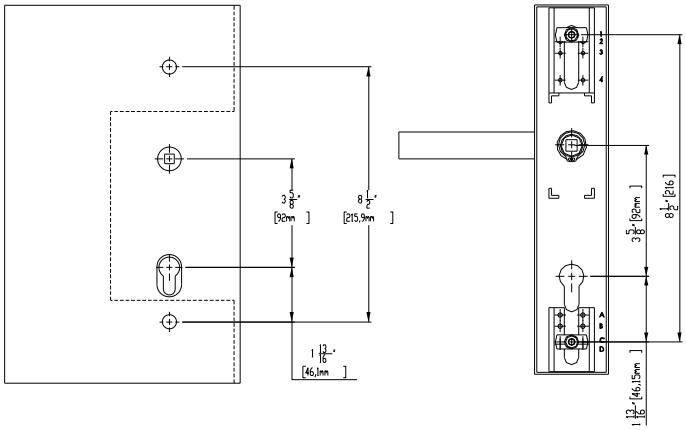


2. Door Configurations and trim adjustment

After determining the door configuration, adapt the trim to the corresponding door configuration by sliding and fixing the threaded bushings of the exterior plate. (e.g.: door configuration C2 ↔ trim configuration B3)

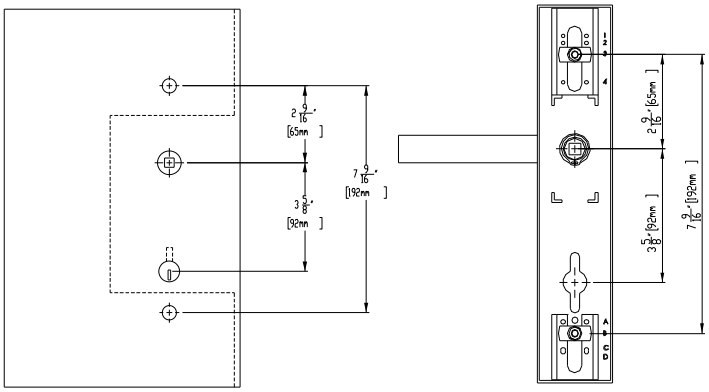
Door Configuration C1

- Lever high
- Europrofile cylinder
- Standard door thickness: 1 5/8“ – 1 3/4“
- Center to center: 3 5/8“
- Trim Configuration: **C1**



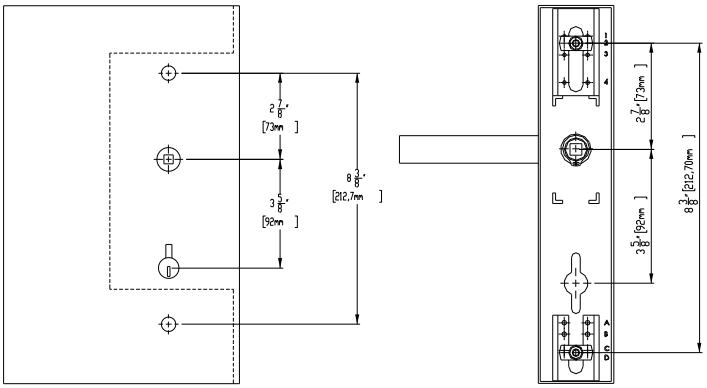
Door Configuration C2

- Lever high
- American cylinder (cylinder direction X)
- Standard door thickness: 1 5/8“ – 2“
- Center to center: 3 5/8“
- Trim Configuration: **B3**



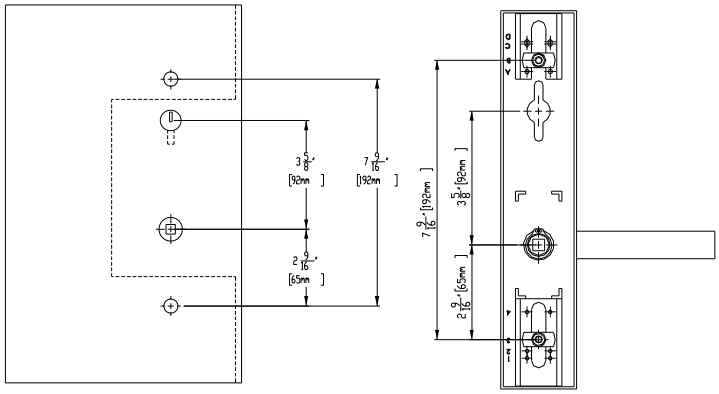
Door Configuration C3

- Lever high
- American cylinder (cylinder direction X)
- Standard door thickness: 1 5/8“ – 2“
- Center to center: 3 5/8“
- Trim Configuration: **D2**



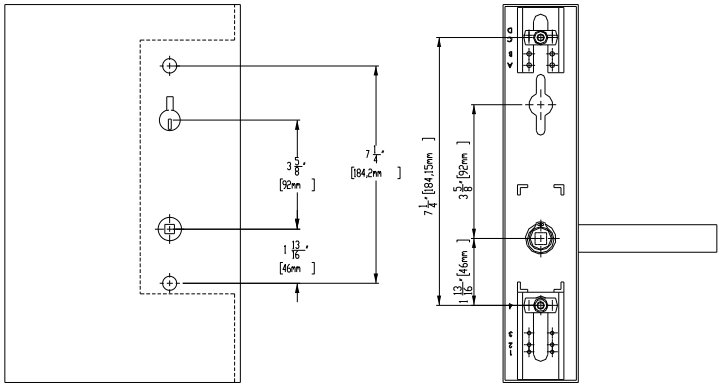
Door Configuration C4

- Lever low
- American cylinder (cylinder direction Y)
- Standard door thickness: 1 5/8“ – 2“
- Center to center: 3 5/8“
- Trim Configuration: **B3**



Door Configuration C5

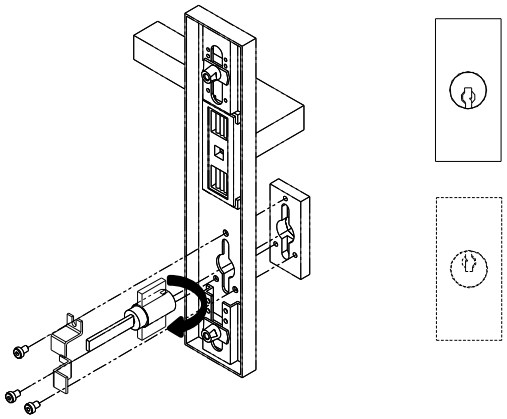
- Lever low
- American cylinder (cylinder direction X)
- Standard door thickness: 1 5/8“ – 2“
- Center to center: 3 5/8“
- Trim Configuration: **C4**



3. Assembly of the american cylinder

•Turn the american cylinder to the preferred direction.

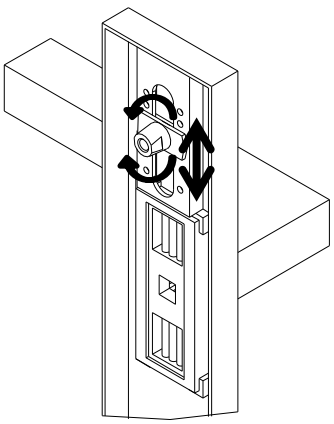
• Clamp the cylinder with the cylinder fixing plate and fixing screws as shown in the picture.



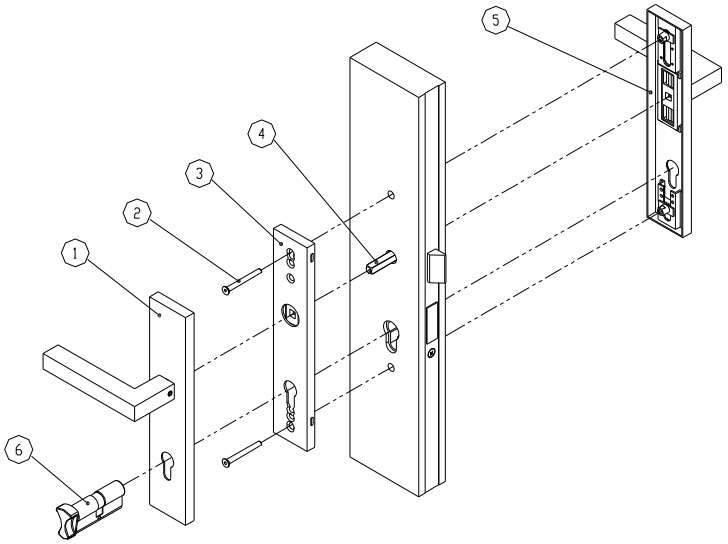
4. Adjusting the exterior plate

•Loosen the threaded bushings with a wrench (SW8)

• Move the bushings to the required position according to your door configuration and fasten them.



5 Installation (PZ)



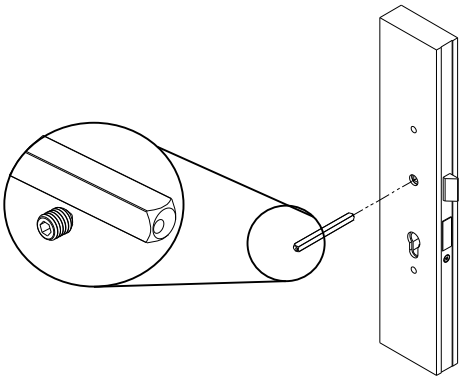
1.	Interior plate	(1 pc.)
2.	Through bolts (M5 x 50; M5 x 60)	(2 pc. each)
3.	Mounting plate	(1 pc.)
4.	Spindle	(1 pc.)
5.	Exterior plate	(1 pc.)
6.	Euro profile cylinder	(1 pc.)

5.1 Positioning the Spindle

Insert the spindle into the lock and center it.

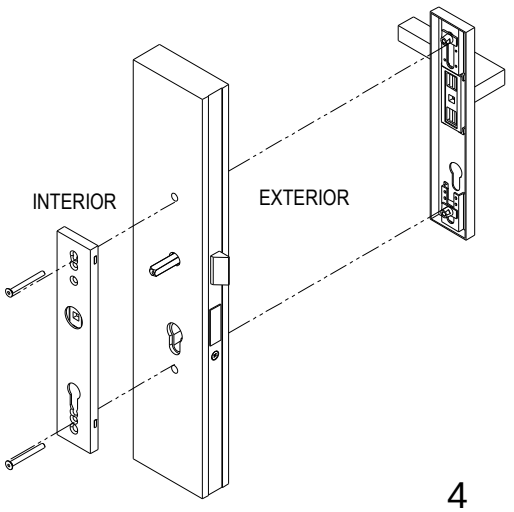
Attention:

Insert the spindle so that the offset hollow center is in a position which allows the set screw in the lever to pierce the spindle on the thinnest side, typically towards the door edge or bottom.

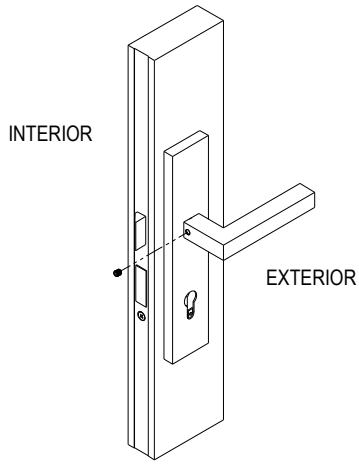


5.2. Trim installation

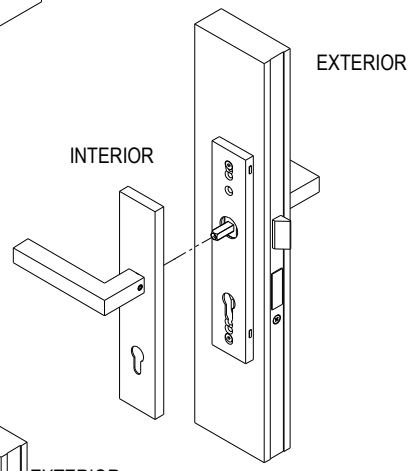
- Place the exterior plate on the door.
- When inserting the spindle into the lever, hold the spindle with your hand to keep it centered.
- Insert the through bolts through the mounting plate and door into the threaded bushings of the exterior plate and tighten them. The screw length depends on the door thickness.



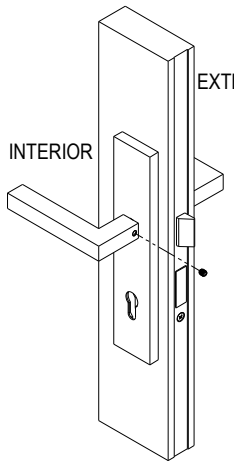
Connect the lever of the exterior plate with the spindle by fixing the set screw.



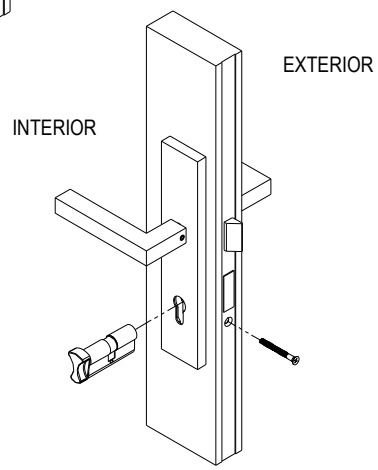
- Place the interior plate over the mounting plate.
- Make sure that the spindle is inserted into the female part of the lever handle on the interior plate.
- Press the interior plate on the mounting plate until it snaps in.



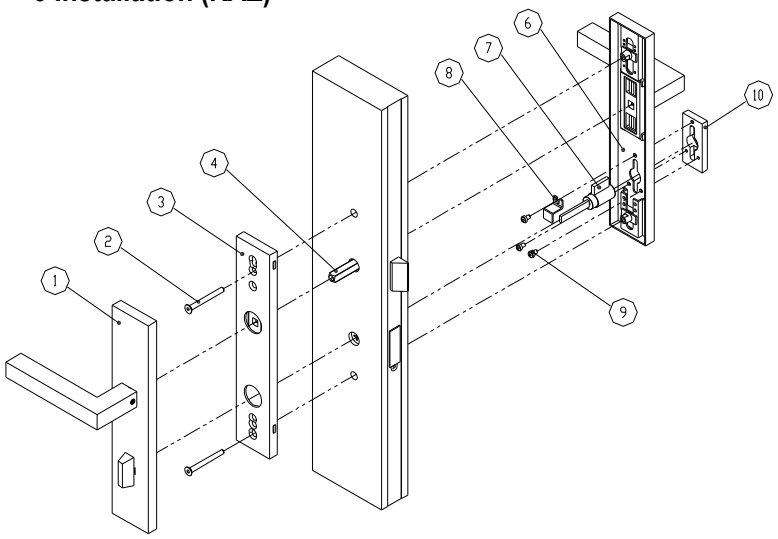
Tighten the set screw to connect the interior lever handle with the spindle.



- Insert the europrofile cylinder.
- Fix the cylinder with the M5 machine screw.



6 Installation (KAZ)



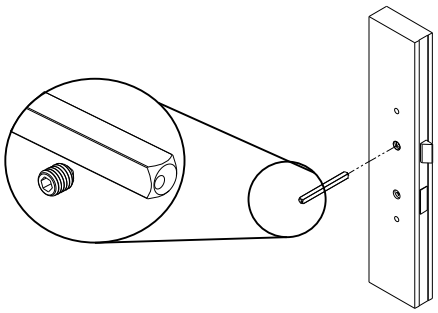
1.	Interior plate	(1 pc.)
2.	Through bolts (M5 x 50; M5 x 60)	(2 pc. each)
3.	Mounting plate	(1 pc.)
4.	Spindle	(1 pc.)
6.	Exterior plate	(1 pc.)
7.	American cylinder	(1 pc.)
8.	Fixing plate for american cylinder	(1 pc.)
9.	Cylinder fixing screws (M4 x 6)	(3 pc.)
10.	Cylinder plate	(1 pc.)

6.1 Positioning the Spindle

Insert the spindle into the lock and center it.

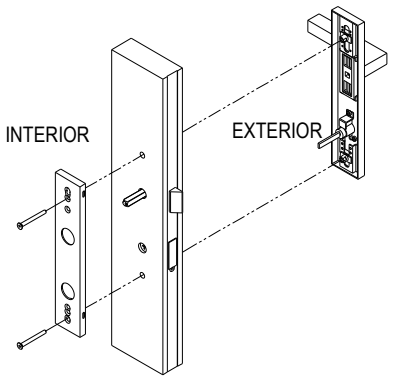
Attention:

Insert the spindle so that the offset hollow center is in a position which allows the set screw in the lever to pierce the spindle on the thinnest side, typically towards the door edge or bottom.

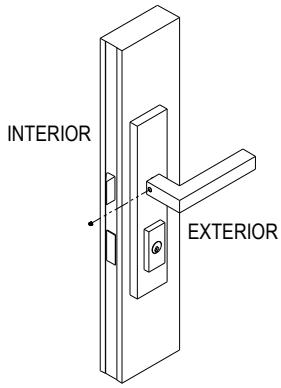


6.2. Trim installation

- Place the exterior plate on the door.
- When inserting the spindle into the lever, hold the spindle with your hand to keep it centered.
- Insert the through bolts through the mounting plate and door into the threaded bushings of the exterior plate and tighten them. The screw length depends on the door thickness.



• Connect the lever of the exterior plate with the spindle by fixing the set screw.



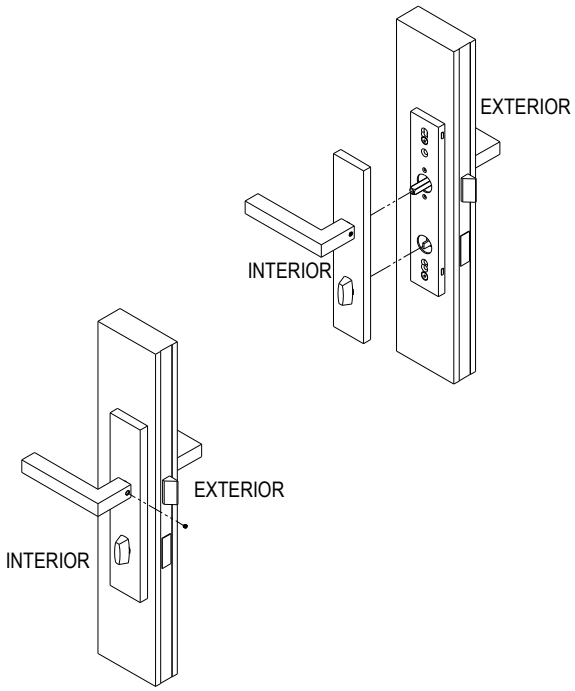
• Place the interior plate over the mounting plate.

•Make sure that the cylinder tailpiece is inserted into the female part of the thumb turn on the interior plate.

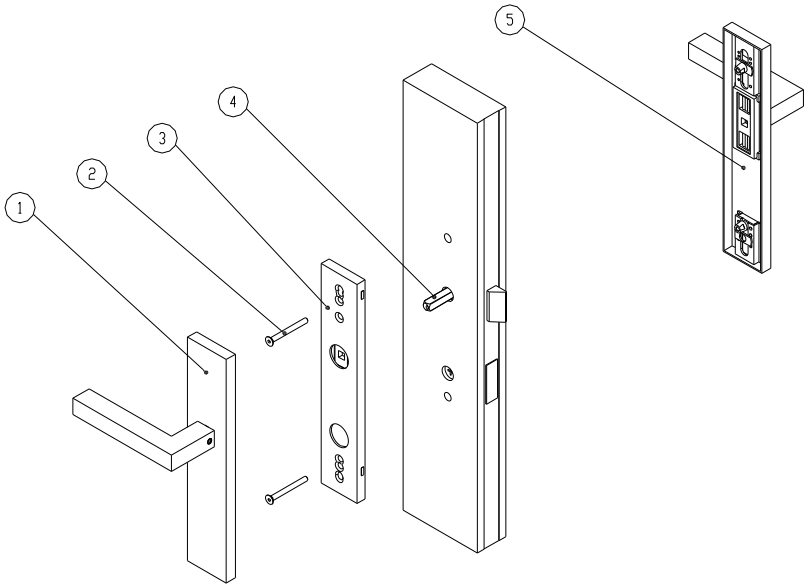
•Make sure that the spindle is inserted into the female part of the lever handle on the interior plate.

• Press the interior plate on the mounting plate until it snaps in.

•Tighten the set screw to connect the interior lever handle with the spindle.



7 Installation (PAS)



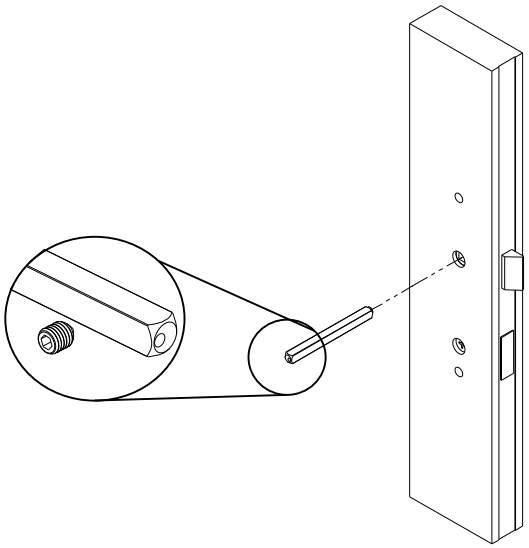
1.	Interior plate	(1 pc.)
2.	Through bolts (M5 x 50; M5 x 60)	(2 pc. each)
3.	Mounting plate	(1 pc.)
4.	Spindle	(1 pc.)
5.	Exterior plate	(1 pc.)

7.1 Positioning the Spindle

Insert the spindle into the lock and center it.

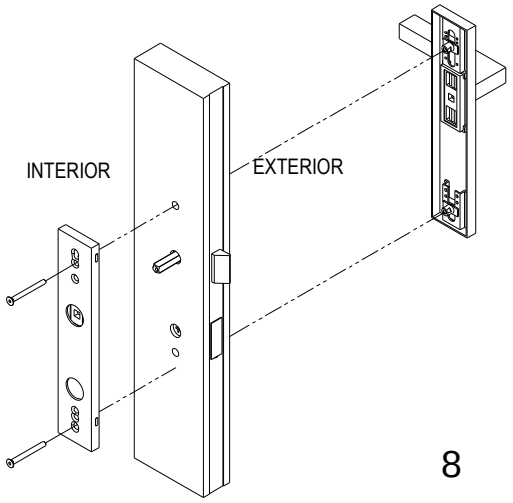
Attention:

Insert the spindle so that the offset hollow center is in a position which allows the set screw in the lever to pierce the spindle on the thinnest side, typically towards the door edge or bottom.

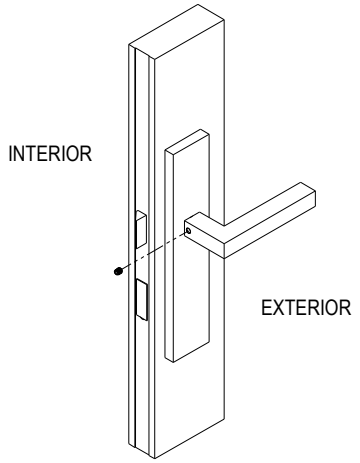


7.2. Trim installation

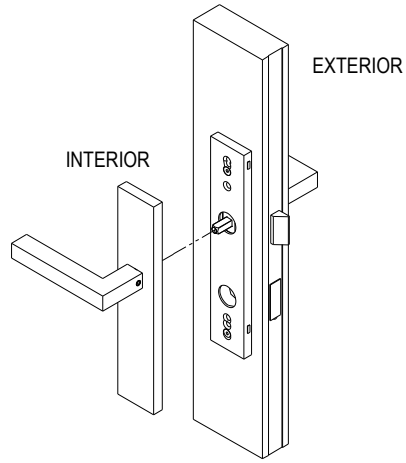
- Place the exterior plate on the door.
- When inserting the spindle into the lever hold the spindle with your hand to keep it centered.
- Insert the through bolts through the mounting plate and door into the threaded bushings of the exterior plate and tighten them. The screw length depends on the door thickness.



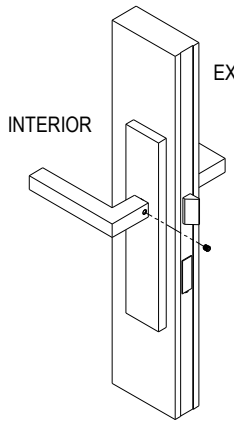
Connect the lever of the exterior plate with the spindle by fixing the set screw.



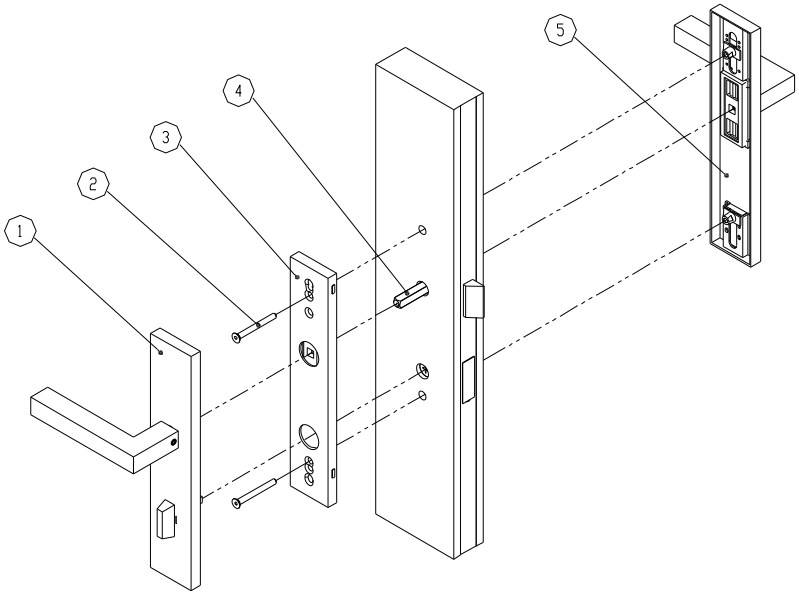
- Place the interior plate over the mounting plate.
- Make sure that the spindle is inserted into the female part of the lever handle on the interior plate.
- Press the interior plate on the mounting plate until it snaps in.



Tighten the set screw to connect the interior lever handle with the spindle.



8 Installation (PAT)



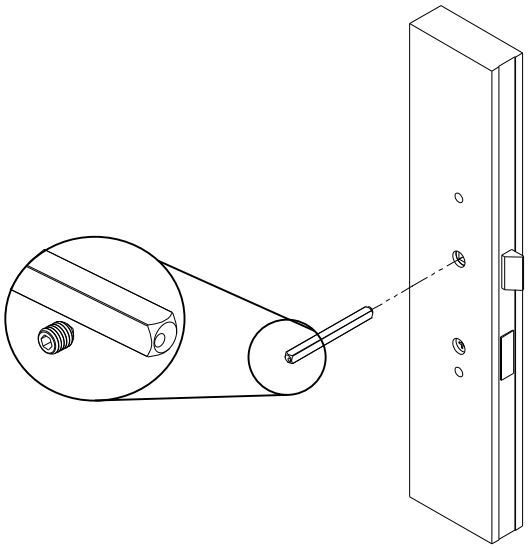
1.	Interior plate	(1 pc.)
2.	Through bolts (M5 x 50; M5 x 60)	(2 pc. each)
3.	Mounting plate	(1 pc.)
4.	Spindle	(1 pc.)
5.	Exterior plate	(1 pc.)

8.1 Positioning the Spindle

Insert the spindle into the lock and center it.

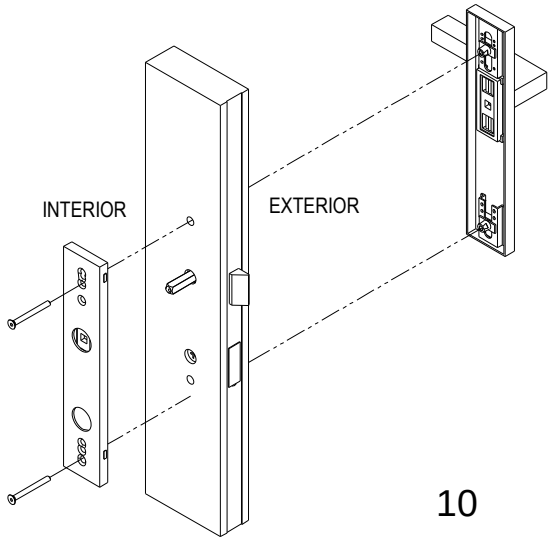
Attention:

Insert the spindle so that the offset hollow center is in a position which allows the set screw in the lever to pierce the spindle on the thinnest side, typically towards the door edge or bottom.

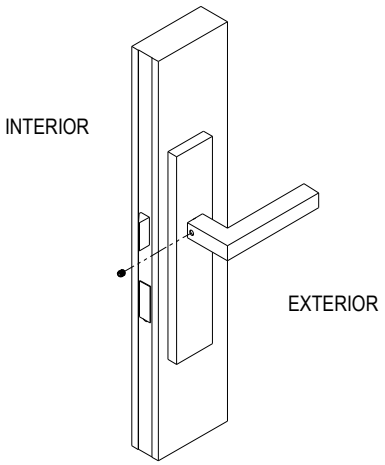


8.2. Trim installation

- Place the exterior plate on the door.
- When inserting the spindle into the lever hold the spindle with your hand to keep it centered.
- Insert the through bolts through the mounting plate and door into the threaded bushings of the exterior plate and tighten them. The screw length depends on the door thickness.



Connect the lever of the exterior plate with the spindle by fixing the set screw.

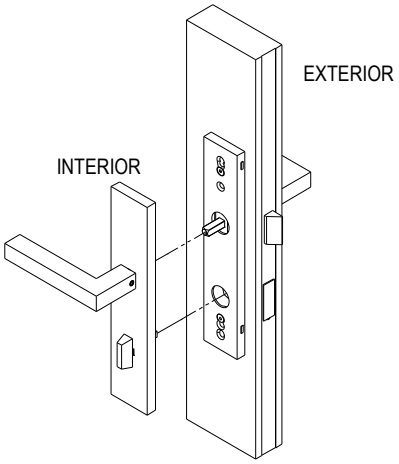


• Place the interior plate over the mounting plate.

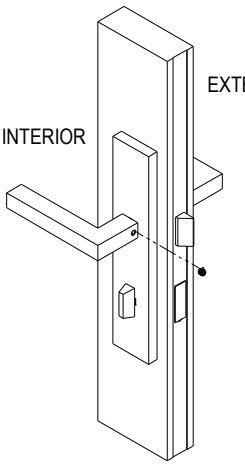
•Make sure that the cylinder tailpiece is inserted into the female part of the thumb turn on the interior plate.

•Make sure that the spindle is inserted into the female part of the lever handle on the interior plate.

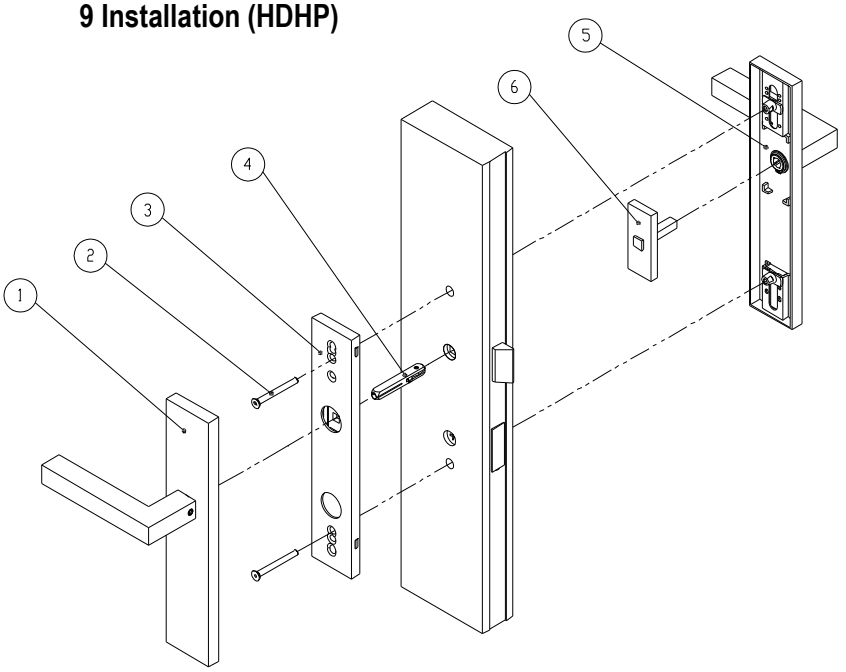
• Press the interior plate on the mounting plate until it snaps in.



Tighten the set screw to connect the interior lever handle with the spindle.



9 Installation (HDHP)



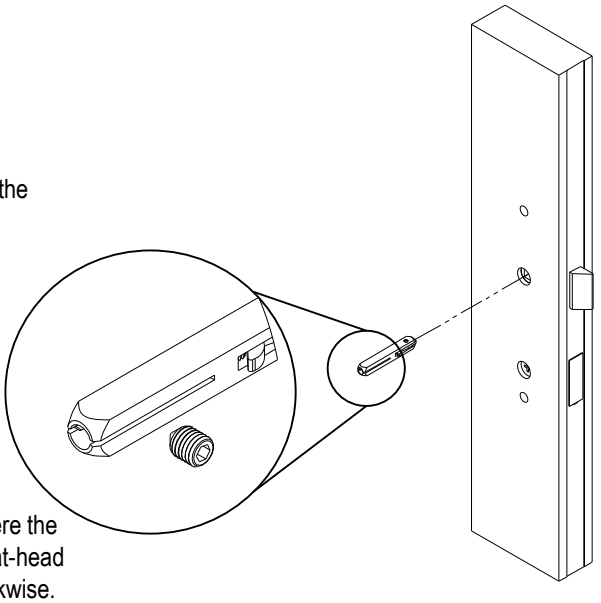
1.	Interior plate	(1 pc.)
2.	Through bolts (M5 x 50; M5 x 60)	(2 pc. each)
3.	Mounting plate	(1 pc.)
4.	Split spindle	(1 pc.)
5.	Exterior plate	(1 pc.)
6.	Dummy plate	(1 pc.)

9.1 Positioning the Spindle

• Insert the split spindle into the lock and push it up to the stop for the hook.

Attention:

Insert the split spindle so that the narrow gap is in a position which allows the set screw in the lever to be pushed into the gap on the spindle, typically towards the door edge or bottom.



• The split spindle has got an opening at the front, where the hook can be extended and tightened with a suitable flat-head screwdriver. Tighten the fixing screw by turning it clockwise.

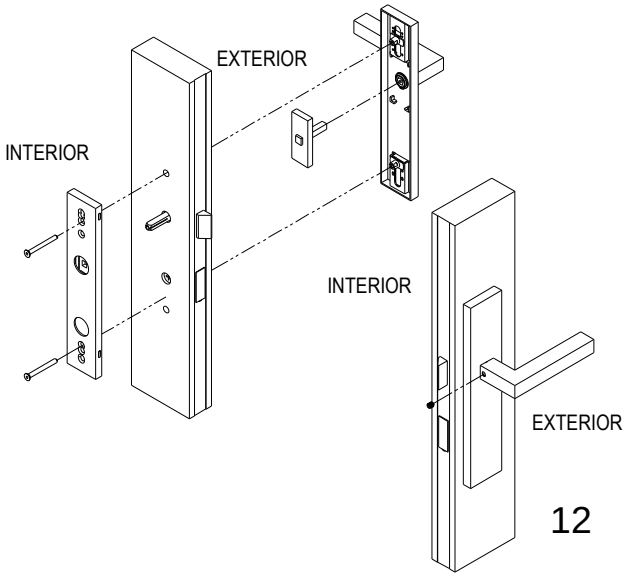
For better understanding, please regard the enclosed illustrated instruction of assembling the split spindle.

9.2. Trim installation

• Insert the dummy plate into the exterior plate and secure it with the set screw of the exterior lever handle.

• Place the exterior plate on the door.

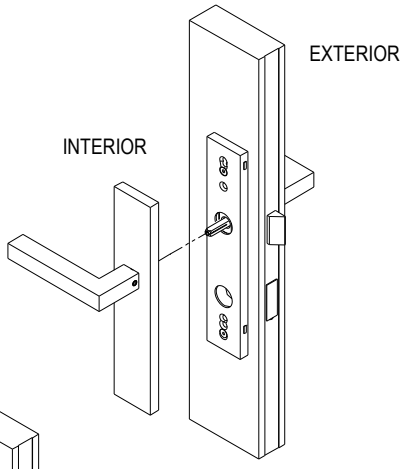
•Insert the through bolts through the mounting plate and door, into the threaded bushings of the exterior plate and tighten them. The screw length depends on the door thickness.



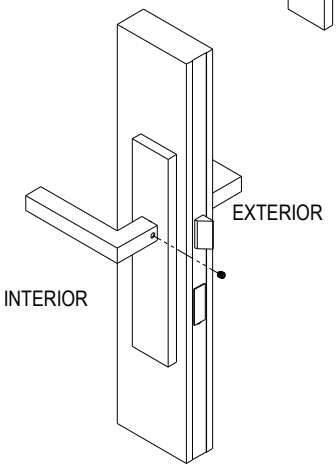
• Place the interior plate over the mounting plate.

•Make sure that the split spindle is inserted into the female part of the lever.

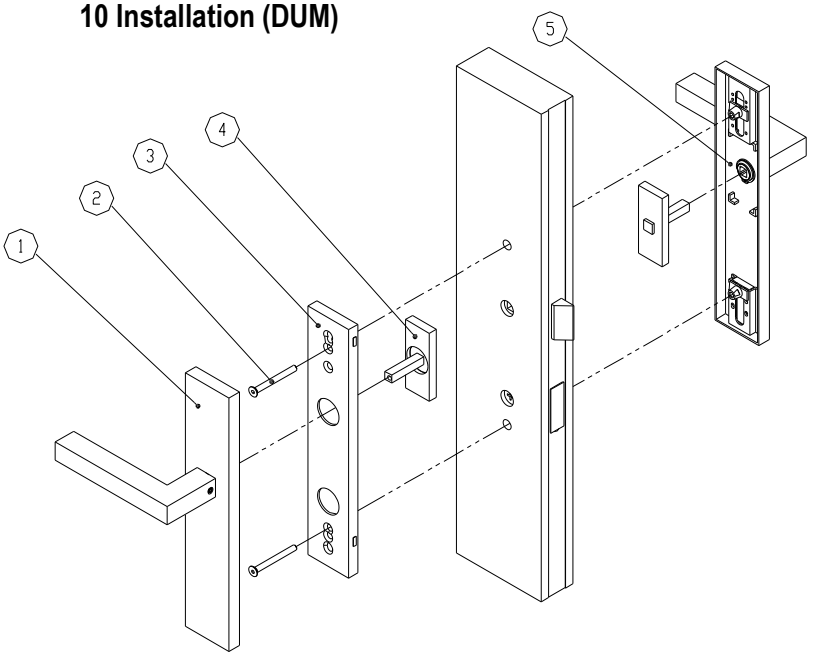
• Press the interior plate on the mounting plate until it snaps in.



Tighten the set screw to connect the interior lever handle with the spindle.



10 Installation (DUM)



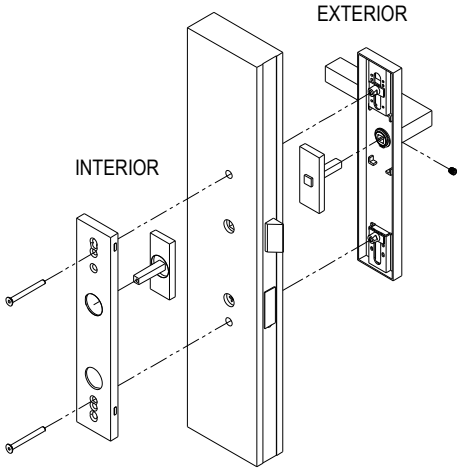
1.	Interior plate	(1 pc.)
2.	Through bolts (M5 x 50; M5 x 60)	(2 pc. each)
3.	Mounting plate	(1 pc.)
4.	Dummy plate	(2 pc.)
5.	Exterior plate	(1 pc.)

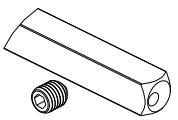
10.1 Trim installation

•Insert the dummy plates into the exterior and mounting plates. Secure the dummyplate in the exterior plate with the set screw of the exterior lever handle.

• Place the exterior plate on the door.

•Insert the through bolts through the mounting plate and door, into the threaded bushings of the exterior plate and tighten them. The screw length depends on the door thickness.





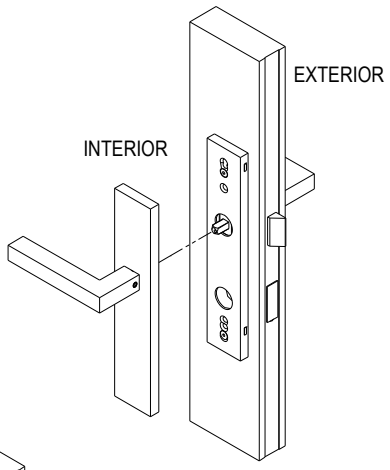
Attention:

Insert the spindles of the dummy plates so that the offset hollow center is in a position which allows the set screw in the lever to pierce the spindle on the thinnest side, typically towards the door edge or bottom.

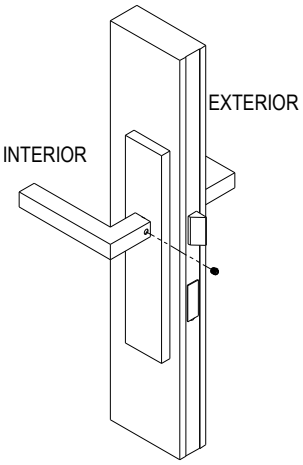
• Place the interior plate over the mounting plate.

•Make sure that the spindle is inserted into the female part of the lever.

• Press the interior plate on the mounting plate until it snaps in.



Tighten the set screw to connect the interior lever handle with the spindle.



11 Limited Warranty

Karcher Design warrants to the original purchaser and first consumer owner that its products shall be free from defects in material or workmanship for 2 years after purchase.
Subject to the conditions stated below, Karcher Design shall repair or replace (at our sole discretion) any defective product at no further charge.
This warranty is valid only for the original purchaser and first consumer owner and is not transferable.
This warranty *only* applies to products purchased directly from an authorized dealer of Karcher Design products. Our website contains a list of authorized dealers. You may be asked for proof of purchase, so please retain your receipt.
To obtain warranty service, please contact an authorized reseller dealer directly. Do not contact Karcher Design directly with warranty questions.
This warranty does not apply to ordinary wear and tear or to damage caused by conditions beyond Karcher Design's control, including but not limited to accidents, lack of reasonable care, weather conditions, improper installation or maintenance, alteration, or abuse. In particular, this warranty does not apply to products that are not intended to be used outdoors (including products made out of wood, leather, carbon, glass, laminate, and satin nickel) that are in fact used outdoors.

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No representative or employee of Karcher Design is authorized to make any modification or addition to this warranty.

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