

General data and door sizing



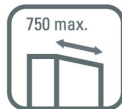
MAX DOOR
WEIGHT



MAX WEIGHT IN
STACKING AREA



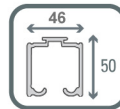
DOOR
THICKNESS



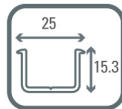
DOOR
WIDTH



PEOPLE NEEDED
FOR INSTALLATION



TRACK U 150
SMOOTH



GUIDE TRACK
PL

Door sizing

| 2 doors |

$$DW = (OW - 14) / 2$$

$$DH = OH - 70$$

$$DW \leq 750$$

| 4 doors |

$$DW = (OW - 18) / 4$$

$$DH = OH - 70$$

$$DW \leq 750$$

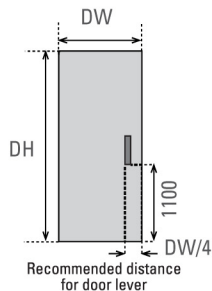
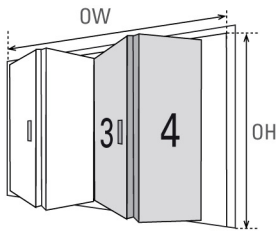
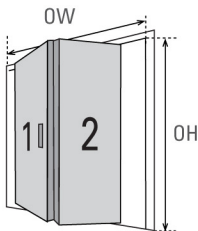
| 6 doors |

$$DW = (OW - 22) / 6$$

$$DH = OH - 70$$

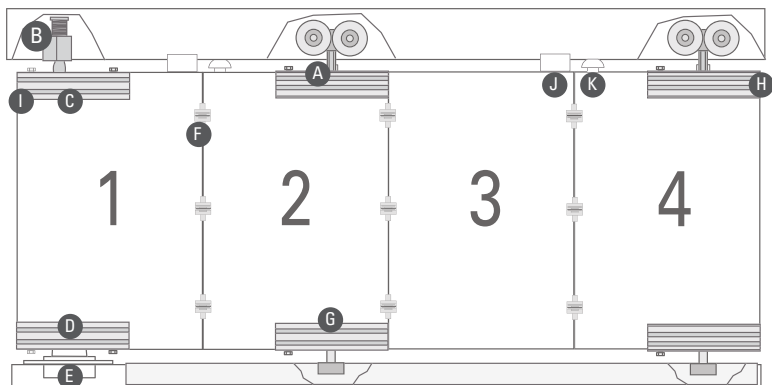
$$DW \leq 750$$









- For other configurations, go to page 17












DW = Door Width | OW = Opening Width | DH = Door Height | OH = Opening Height

Detail of parts and pieces

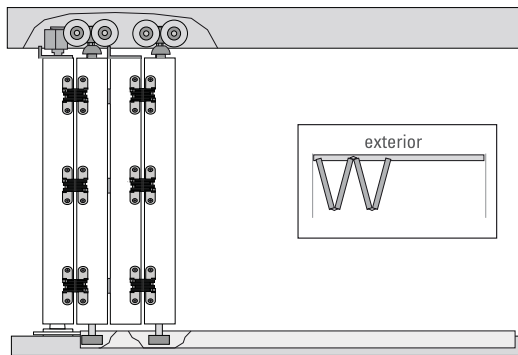


		Kit 2 panels	Kit +2 panels
A	Carrier set Tauro PLMD 50 	1	1
B	Upper pivot set + fixation bolts 	1	
C	Upper pivot mobile plate 	1	
D	Lower pivot mobile plate 	1	
E	Bearing pivot base 	1	
F	Concealed hinges 	3	6
G	Bottom roller guide 	1	1
H	PLMD end caps 	4	2

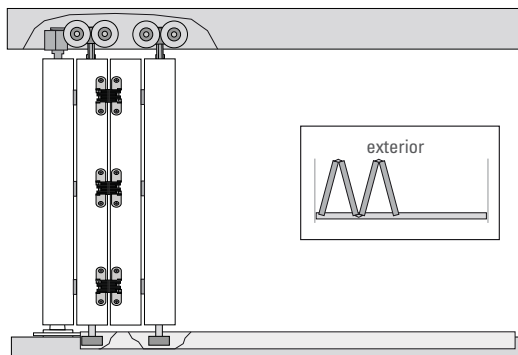
		Kit 2 panels	Kit +2 panels
I	Mounting plates 	4	2
J	Bracket aligner PLMD 	1	1
K	Spring aligner PLMD 	1	1
L	Segmenta key 	1	1
M	Segmenta key 01 	1	
N	Allen key 3mm 	1	1
O	Allen key 2.5mm 	1	1
P	Screws 4.5 x 45 	14	26
Q	Screws 4.5 x 70 	12	6

Installation possibilities

FOLDABLE TOWARDS THE INTERIOR OF THE OPENING



FOLDABLE TOWARDS THE EXTERIOR OF THE OPENING



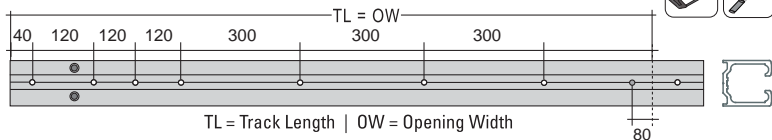
The system can also be folded towards the right or left of the opening.

*For 2 door application, (lower) PL Guide track no needed.

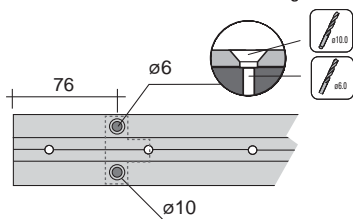
Track installation and upper pieces

step 1

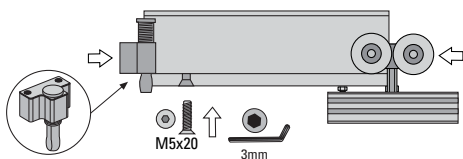
- Cut the track according with the Opening Width and then, drill.



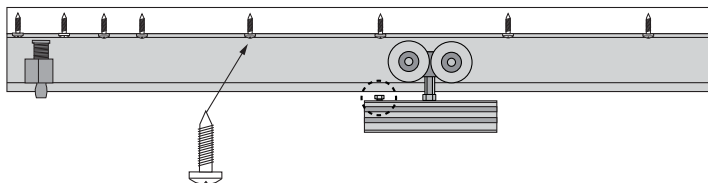
- Countersink the track according to drawing to install Upper pivot set.



- Introduce Upper pivot set in the track and fix it with M5 x 20 bolt using 3mm Allen key. Then, introduce Carrier set(s) Tauro PLMD 50.



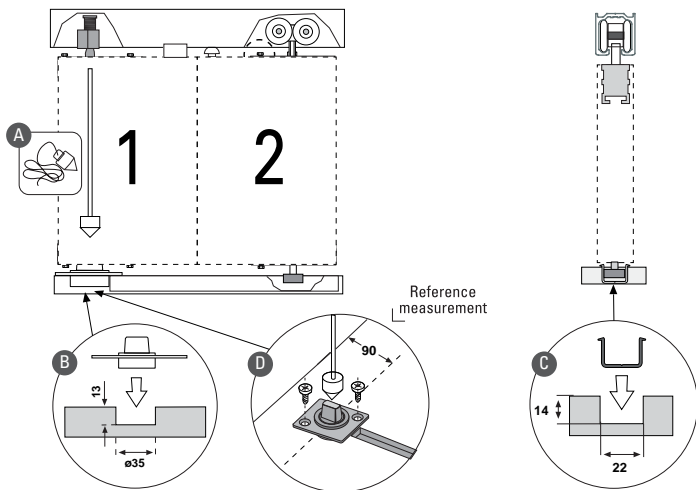
- Fix the track to the opening's ceiling. (Fixtures not included).



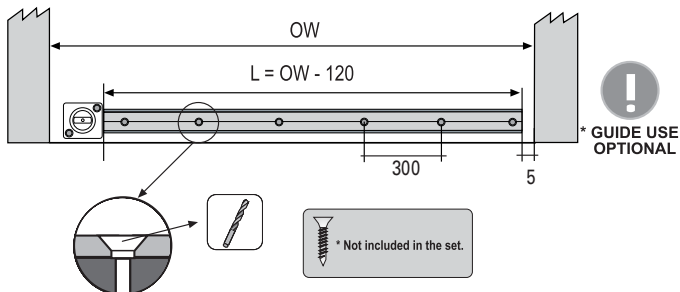
Guide track installation and bottom pieces

step 2

- Plumb Upper pivot set to align Lower pivot mobile base (drawing A).
- Drill a $\varnothing 35$ mm hole in the floor for the Lower pivot mobile base (drawing B).
- Make a groove on the floor for the Guide track (drawing C).
- Install Lower pivot mobile plate (drawing D).

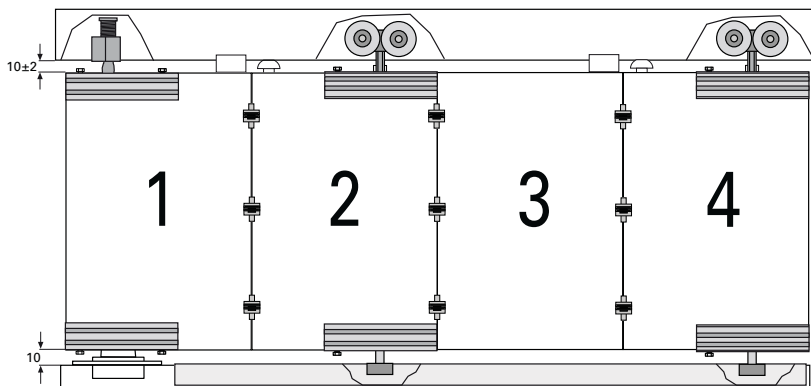


- Fix the guide track to the floor. If mounting 2 foldable panels, not necessary.

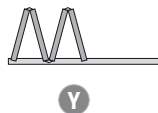
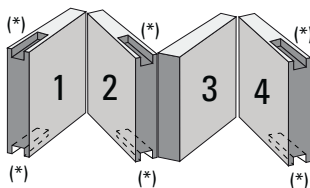
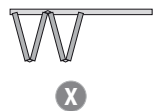
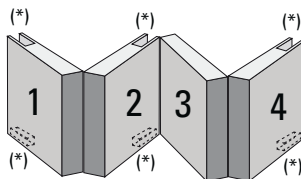
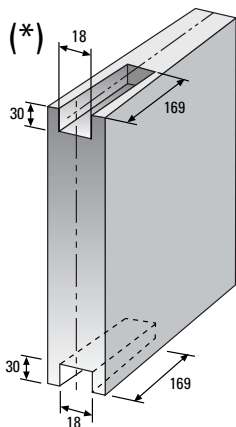


Mounting Plate and mobile plate set-up

step 3



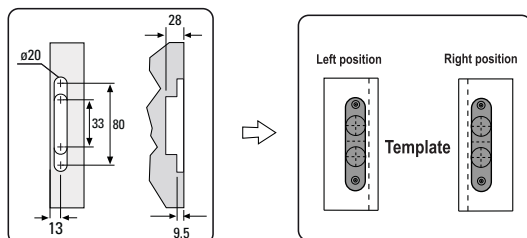
- Make a groove in the doors according to the measurements and positions indicated in the drawing.



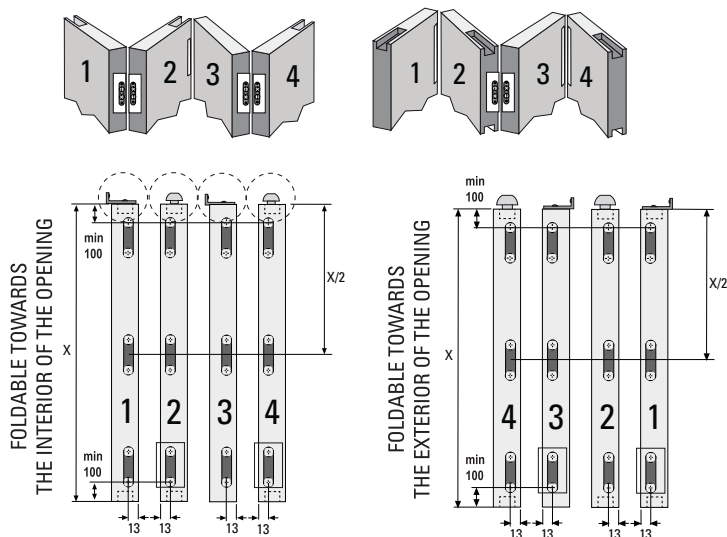
Hinge Set-up

step 4

- The hinge groove is vital for the correct functioning of the system.
- Make grooves for the hinges using the templates (provided).



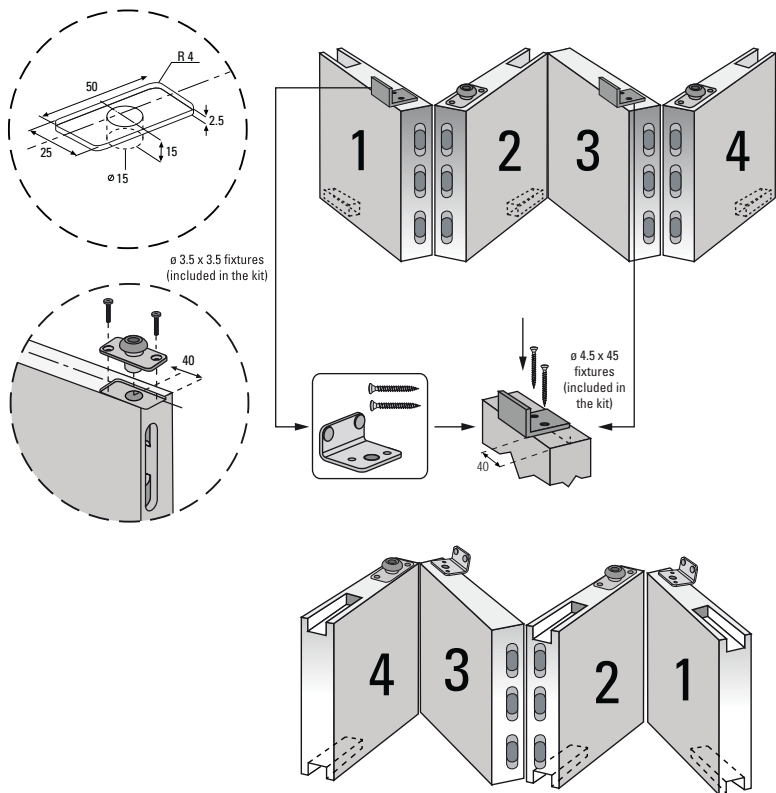
- Place in the right position and follow the indicated depths.
- Drill guide holes with $\phi 3$ mm drill bit, for later installation (step 9).



Bracket aligner and spring aligner assembly

step 5

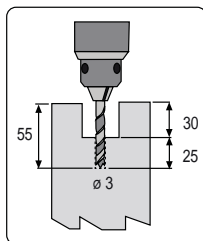
- Make groove for the PLMD spring aligner and then the holes with a $\varnothing 3\text{mm}$ drill bit. Fix it to the indicated door(s).
- Then, fix PLMD bracket aligner as shown.



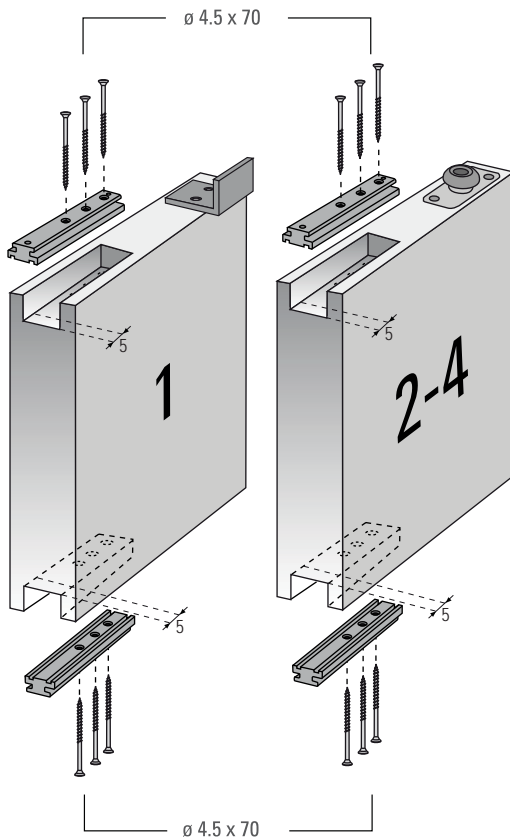
Mounting plate installation on doors

step 6

- Place the mounting plates on previously grooved doors and mark the guide holes for screws, leaving 5mm between the edge of the door and the beginning of the mounting plate.



- After drilling the guide holes with $\varnothing 3$ mm drill bit, fix the mounting plates with the indicated screws.

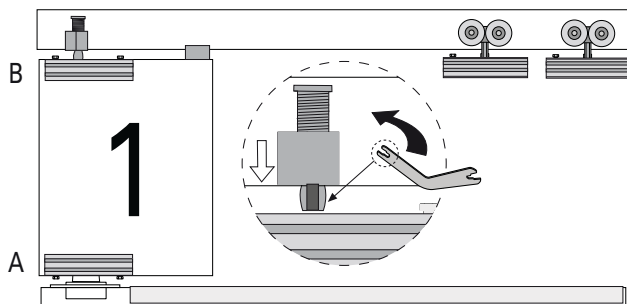


step 7

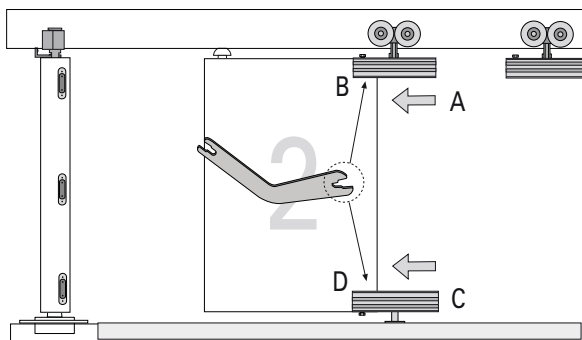
-

*Before placing doors together, door lever groove must be done. Its reference measurement is shown in this drawing. The groove will depend on the selected door lever.

- Verify that the pivot is turned all the way to the end inside the track.
- Assemble door n°1 on the bearing pivot base.
- Align the upper part, and lower pivot to the end with the Segmenta key.



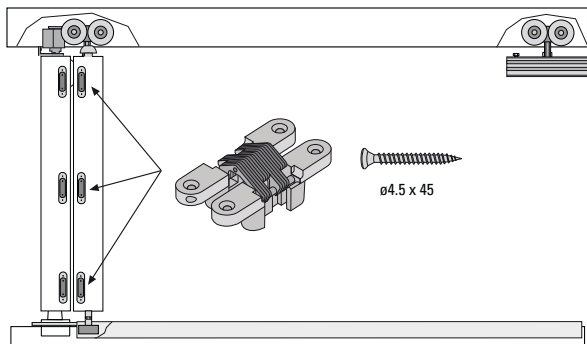
- Introduce the carrier set in door n°2, hooking the upper mobile plate superior in the mounting plate, and adjust the bolt with the Segmenta key.
- Repeat steps on the lower part with the guide mobile plate. Tighten until touching the other piece.



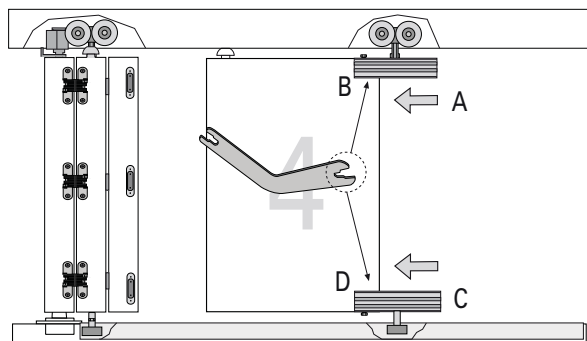
Hinge installation

step 9

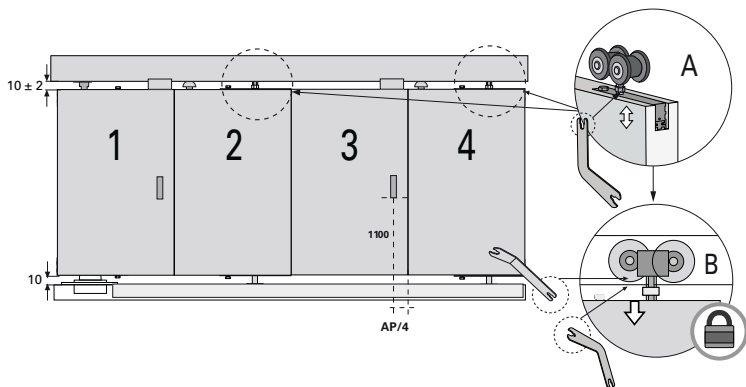
- Keeping the 2 doors mounted, fix the hinges with the indicated screws, joining both doors.



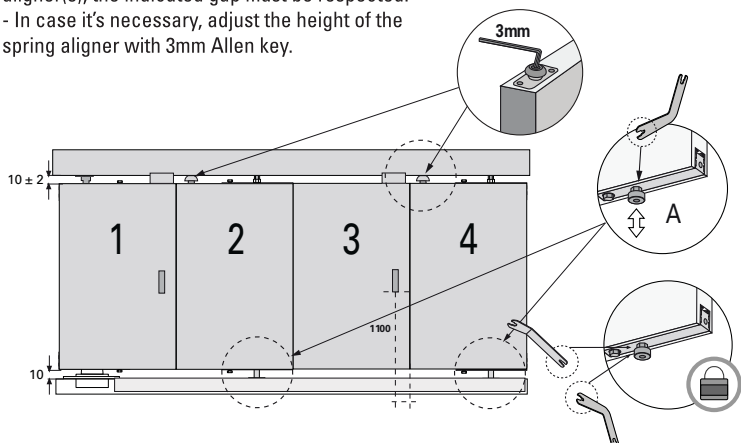
- If using the Kit +2 panels, you must continue joining door n°3 and installing the hinges to fix them to door n°2.
- Follow the previous steps for door n° 4, install the hinges and fix them to door n°3.



- Adjust door heights, aligning them with each other.
- Once adjusted, conter-turn with the Segmenta key the carrier and the guide.



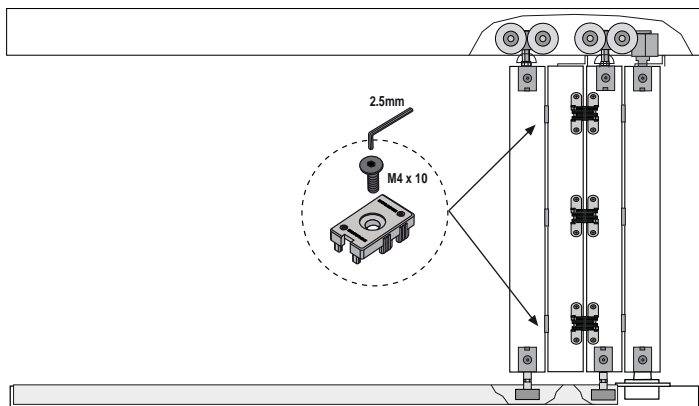
- For the correct functioning of the bracket aligner(s) and spring aligner(s), the indicated gap must be respected.
- In case it's necessary, adjust the height of the spring aligner with 3mm Allen key.



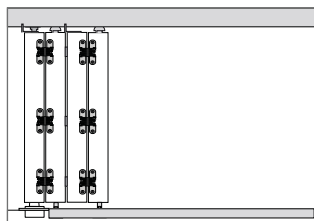
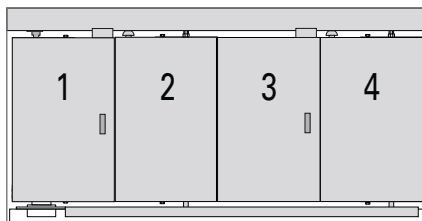
step 11

PLMD end cap installation in mobile plates

- Fix the caps to the mobile plate with the corresponding bolts (M4 x 10) and 2.5mm Allen key, for an excellent termination.

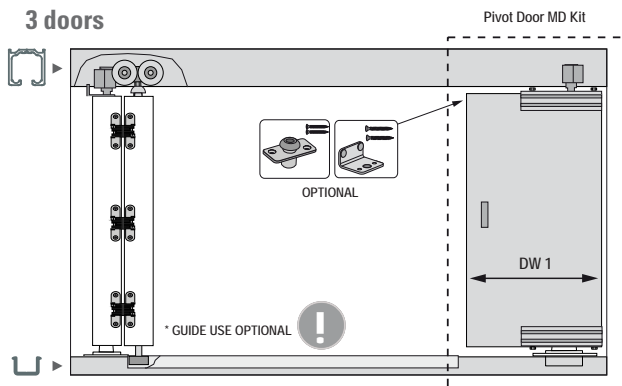


Views of the system installed, closed and open.



Other configurations

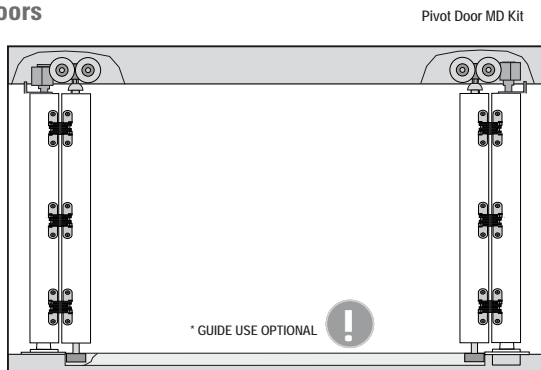
3 doors



$$DW = \frac{OW - 13 - (DW1+6)}{2}$$

$$DW1 \leq 1500$$

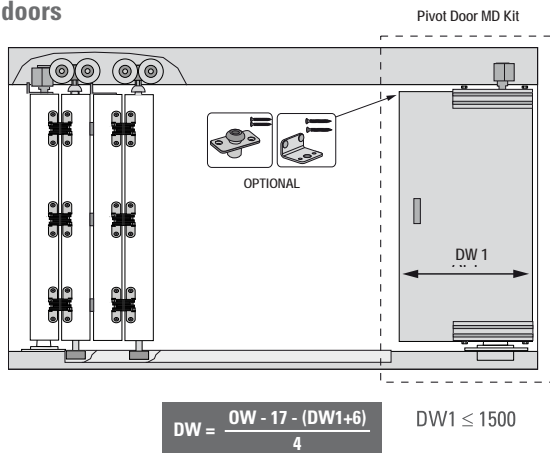
4 doors



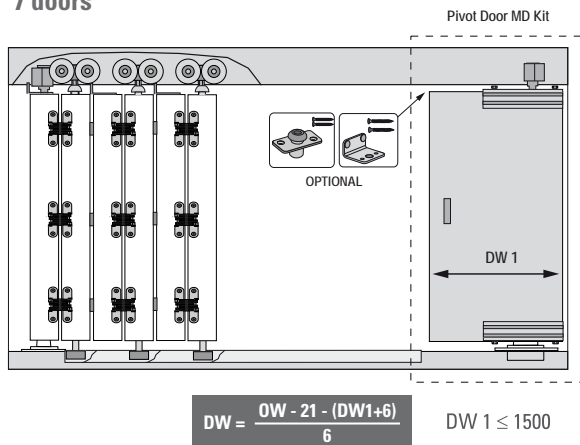
$$DW = \frac{OW - 21}{4}$$

Other configurations

5 doors

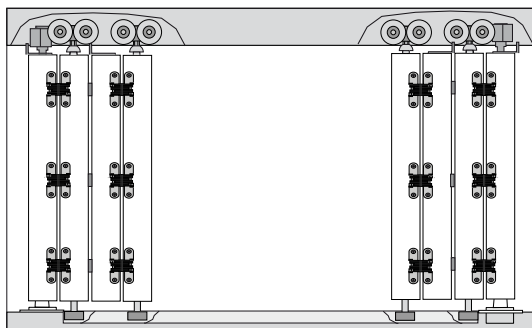


7 doors



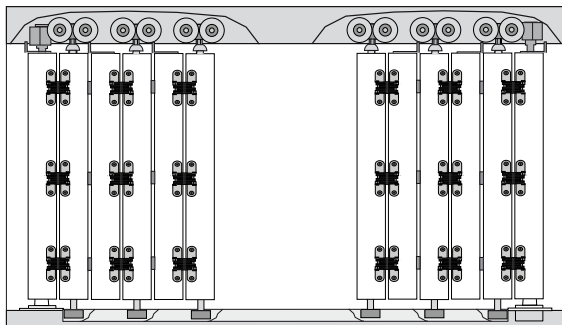
Other configurations

8 doors



$$DW = \frac{OW - 30}{8}$$

12 doors



$$DW = \frac{OW - 38}{12}$$