



PortaPivot V2 XL Self-Closing Hinge System User Guide

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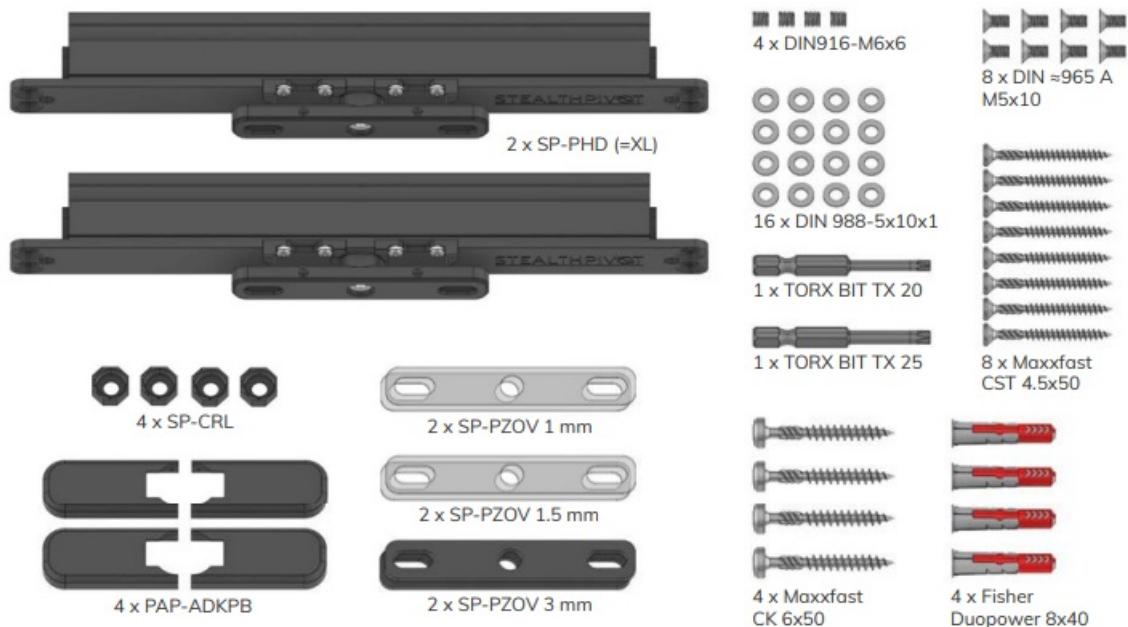
PortaPivot

PortaPivot V2 XL Self-Closing Hinge System

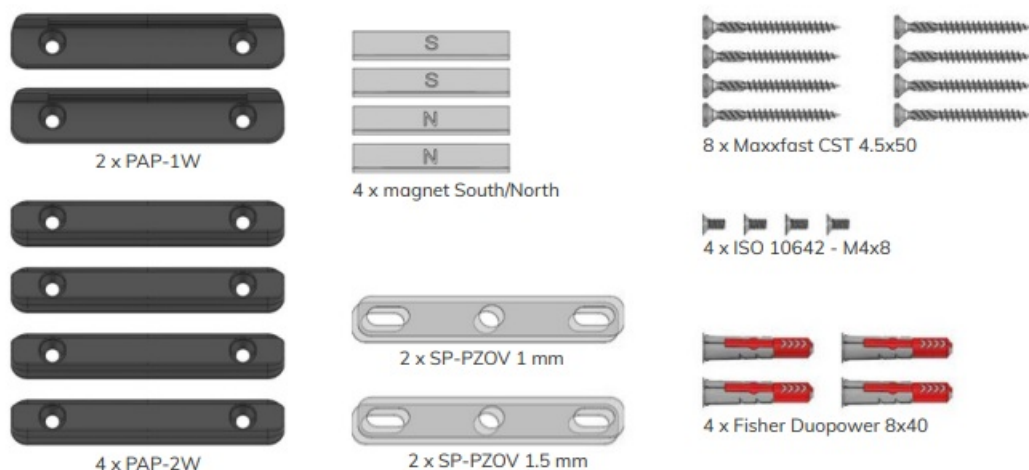


STEALTHPIVOT XL

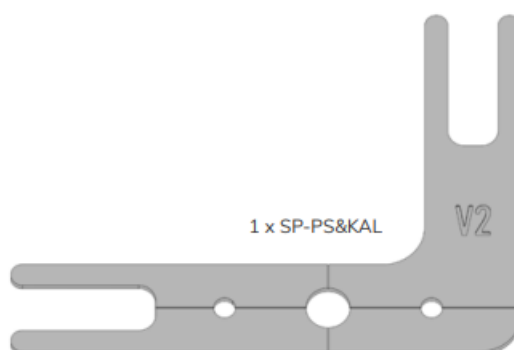
- STEALTH PIVOT XL SET



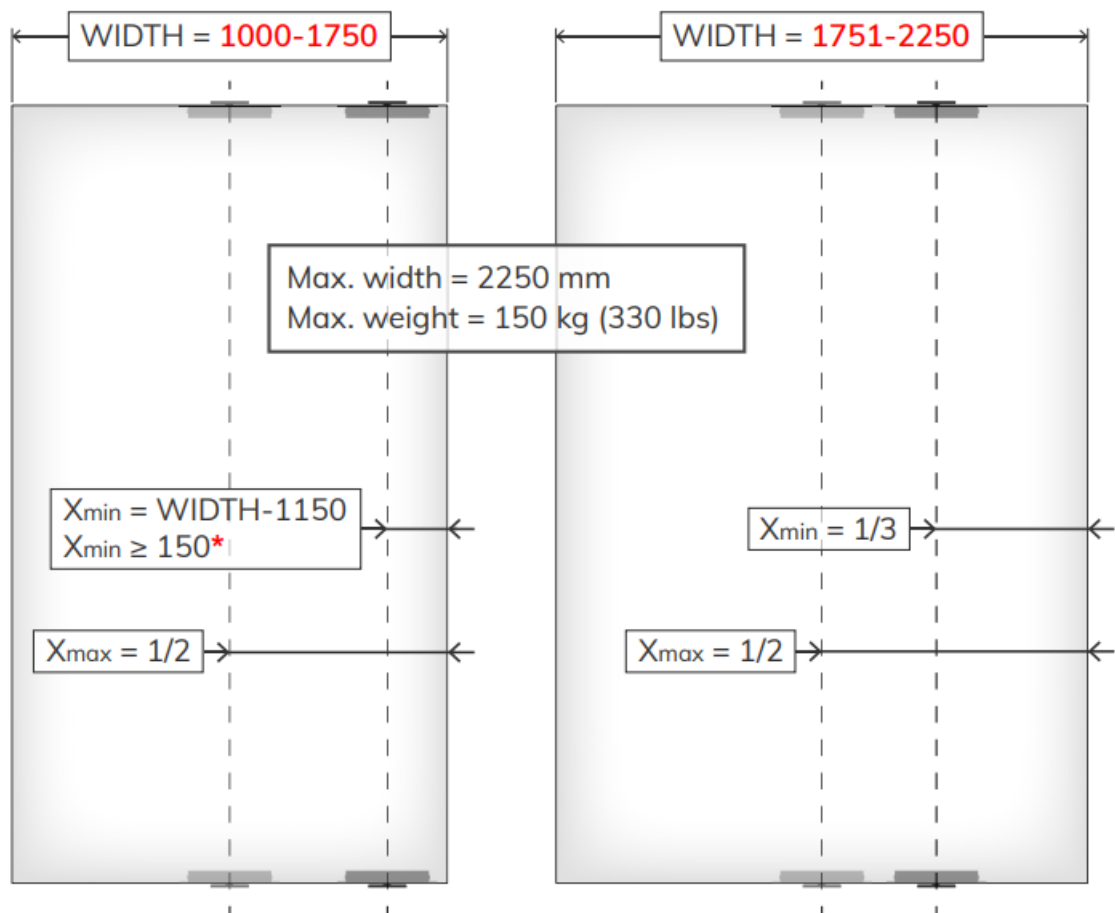
• OPTIONAL STEALTHPIVOT XL ACCESSORY SET



• OPTIONAL STEALTH PIVOT INSTALLATION TOOL



• STEALTHPIVOT XL CAVITY DIMENSIONS (mm)



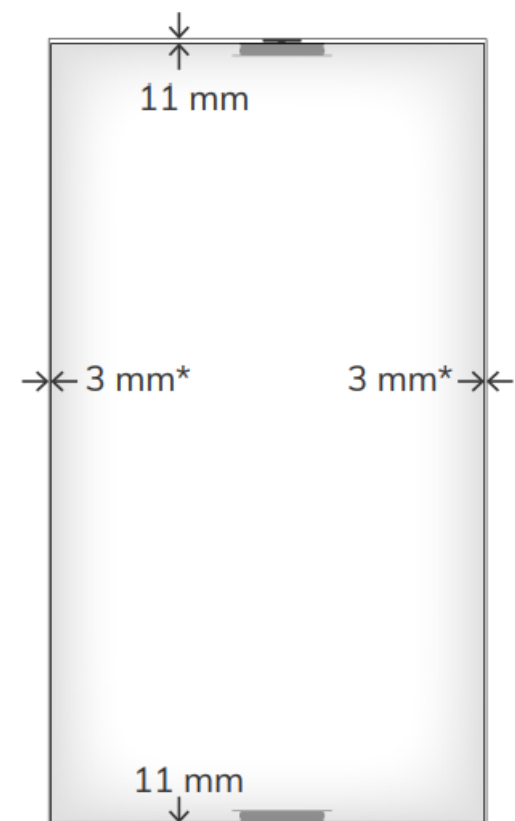
EXAMPLES

Door WIDTH ▶	1100	1200	1350	1500
$X_{min} = W - 1150$ ▶	-50	50	200	350
$X_{min} \geq 150$ ▶	no	no	yes	yes
* X_{min} result ▶	150	150	200	350

EXAMPLES

Door WIDTH ▶	1751	1800	2100
$X_{min} = 1/3$ ▶	584	600	700

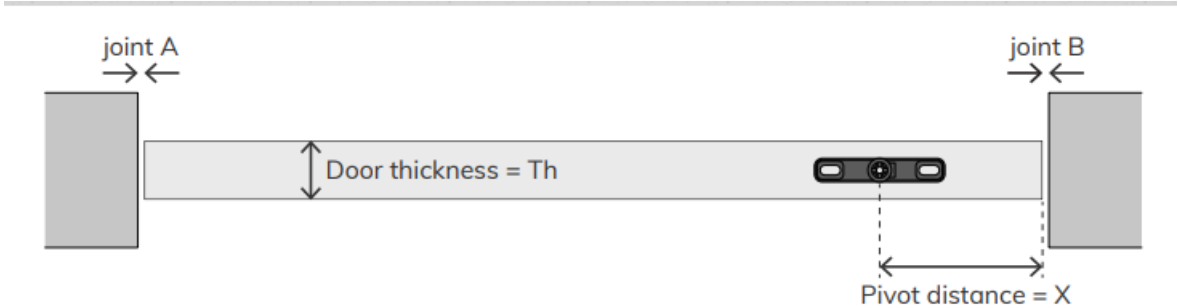
ADVISED JOINT DIMENSIONS



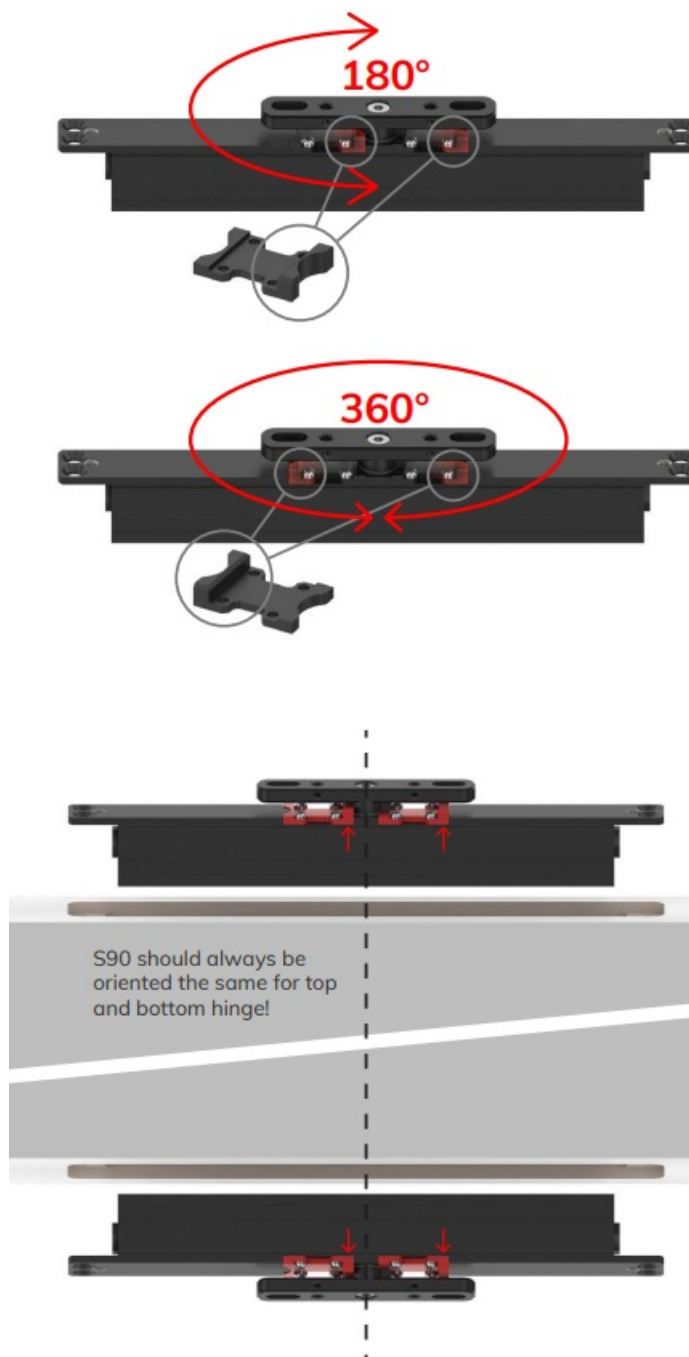
Top & bottom joints: min. 11 mm Left & right joints:

X▼	joint A & B			
1000	2	2	2	3
500	2	2	3	3
250	3	3	3	4
85	3	4	5	7
Th►	30	40	50	60

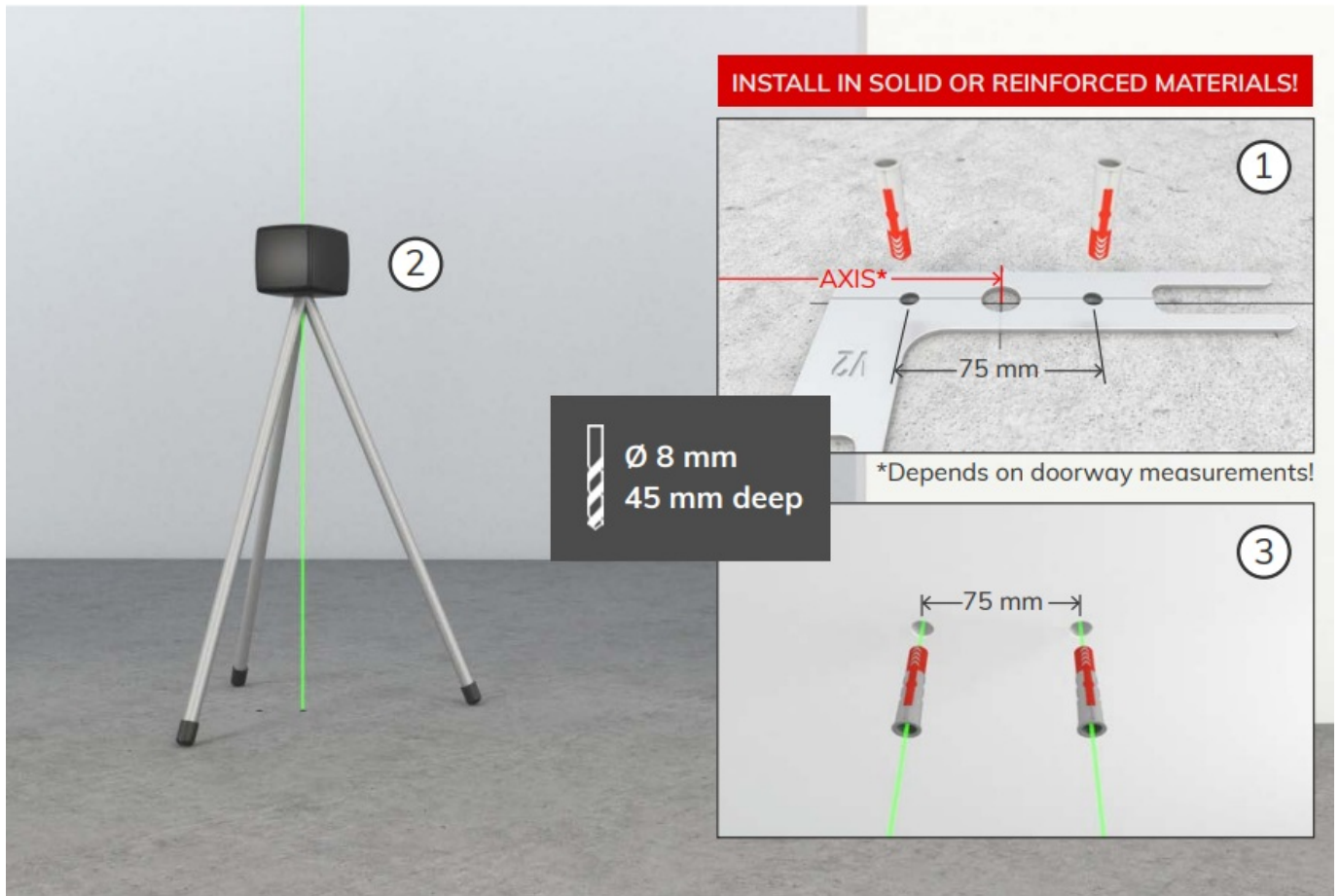
The minimum joint depends on the door thickness and pivot distance. For visual coherence, we advise to use equal joints left and right. See visual and table below for advised left and right joint dimensions.



S90 – 90° STOP ACCESSORY

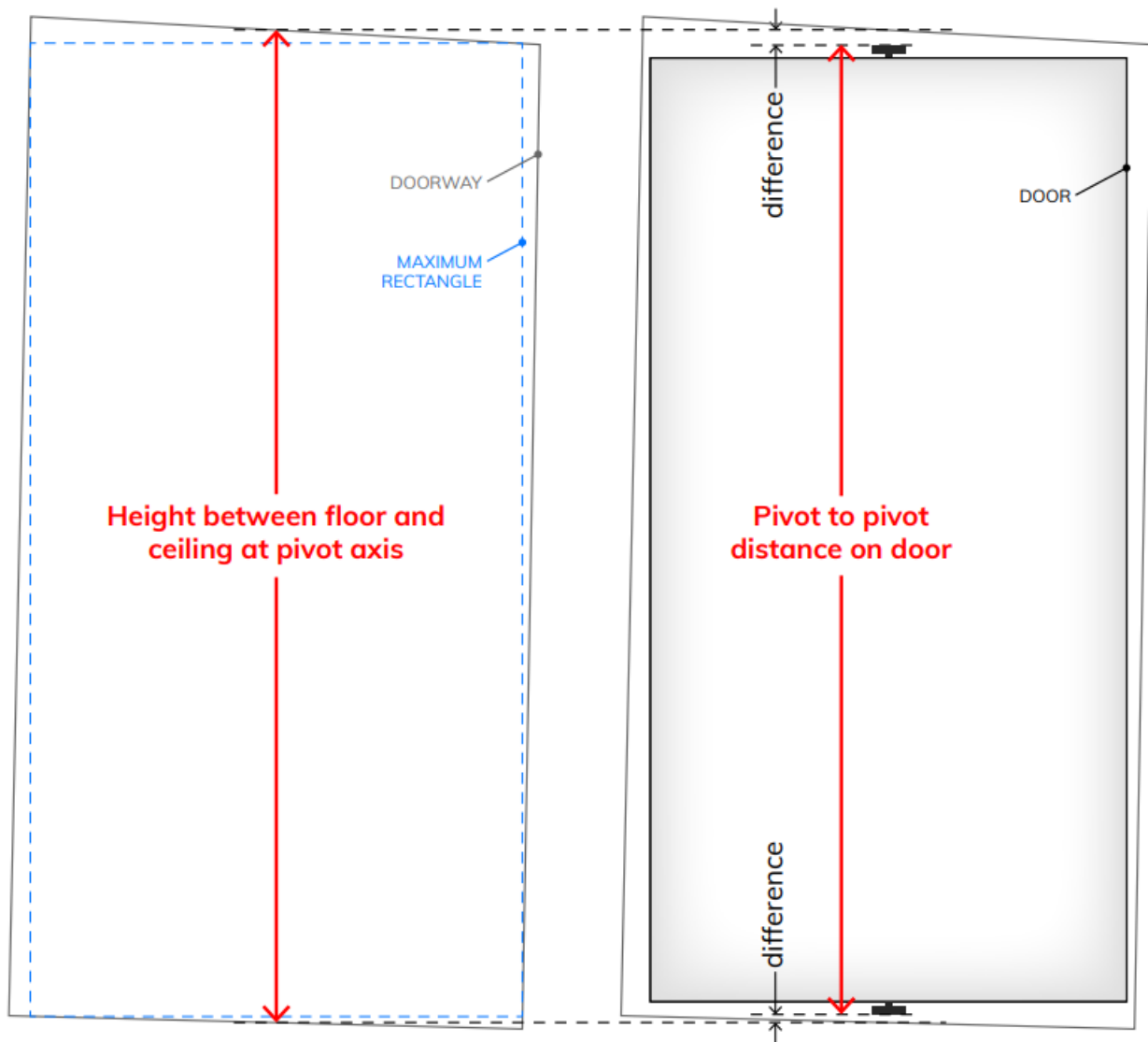


DRILL PIVOT MOUNT HOLES



SYNCHRONIZE PIVOT AXIS HEIGHT IN DOORWAY

Compare the measured doorway height at the pivot axis with the pivot to pivot distance of the door. Synchronize them if necessary by using one of the hinge height adjustment options on the next page.



HINGE HEIGHT ADJUSTMENT OPTIONS

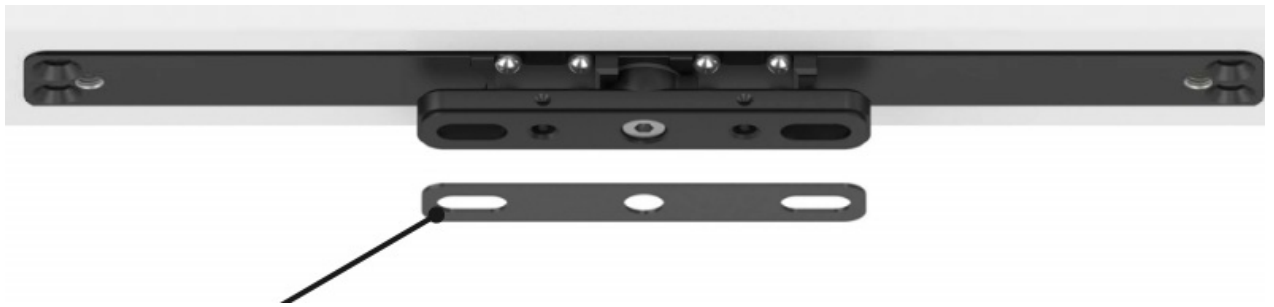
1. Shims between hinge and door

- For TOP or BOTTOM joint adjustment = preferred method for bottom hinge



2. Shims between hinge and floor

- For TOP or BOTTOM joint adjustment = faster but less stable method



3. Inbus screws

- Only for TOP joint adjustment and non compressible door structures!

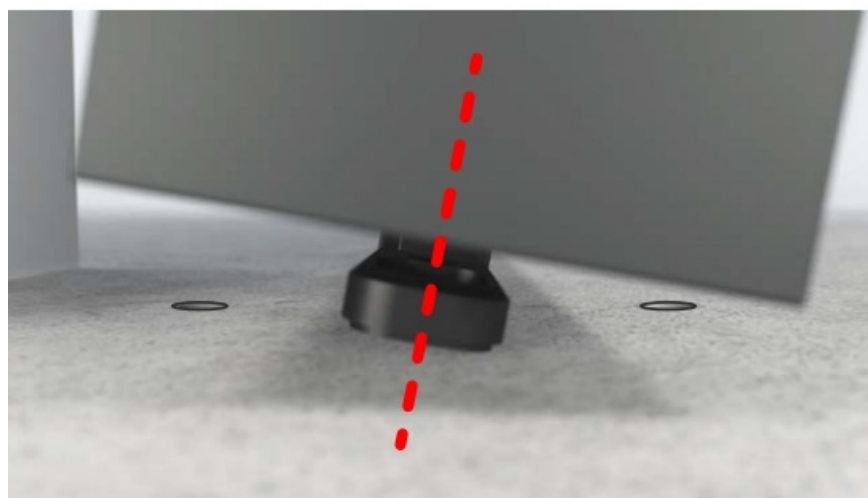


INSTALL ASSEMBLED DOOR

- Put both pivots in their 'closed' position.



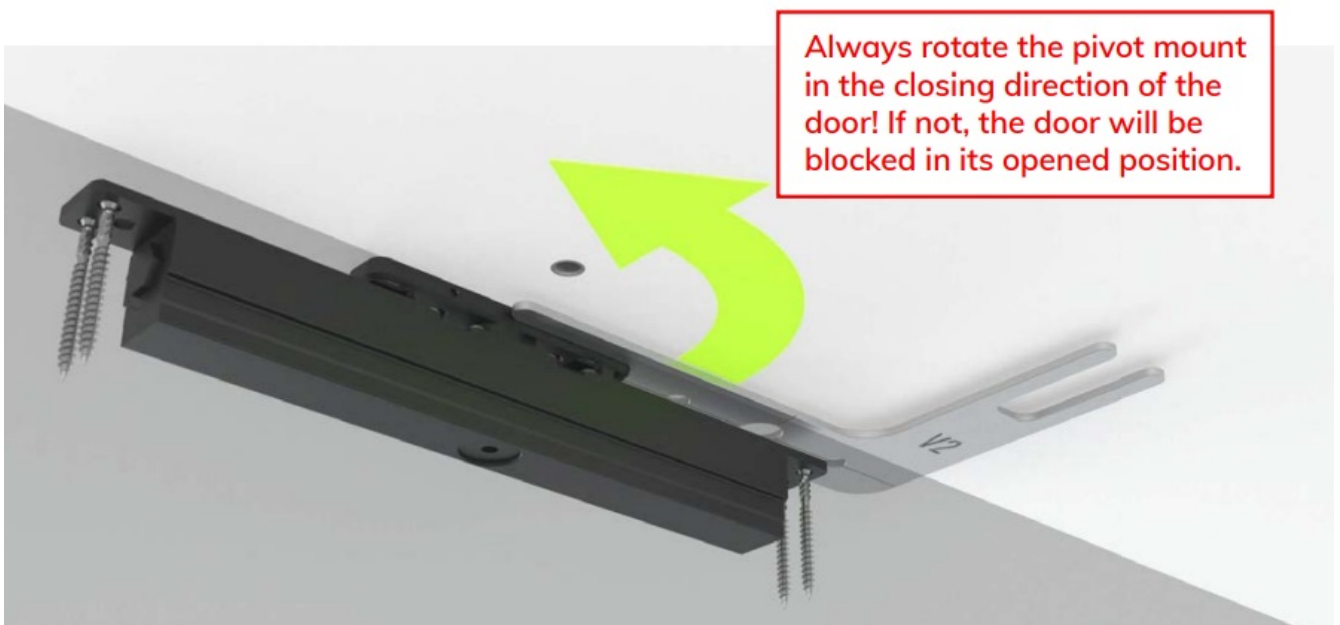
- Place the assembled door in the doorway, with the pivot axis in between the 2 pivot mounting holes



- Tilt the door upright and keep it in place.



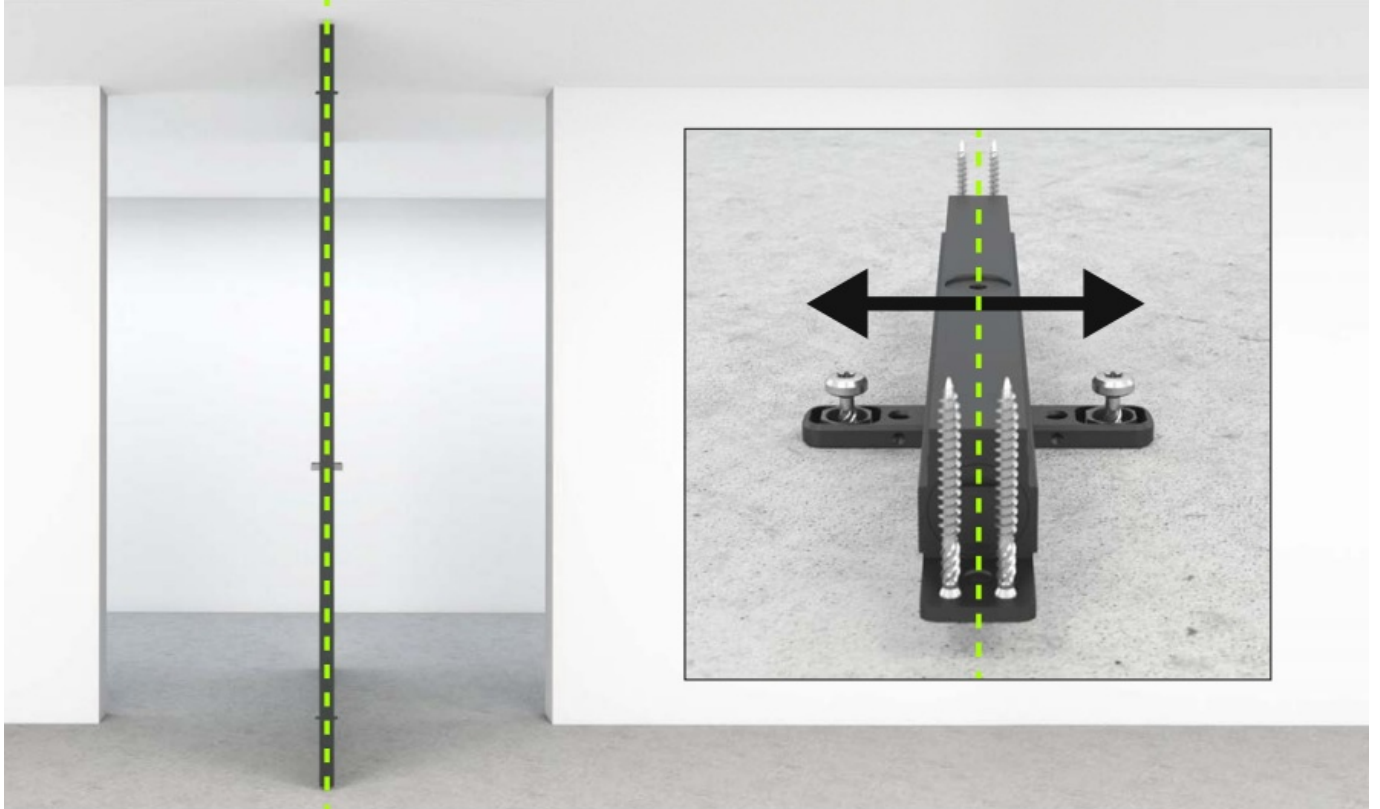
- Use the drill tool to rotate the pivot mount in place. Repeat for the bottom pivot mount.



- Install the octagonal inserts at 'position 1' in the top mount, then insert screws but do not fully tighten yet. Repeat for the bottom mount.



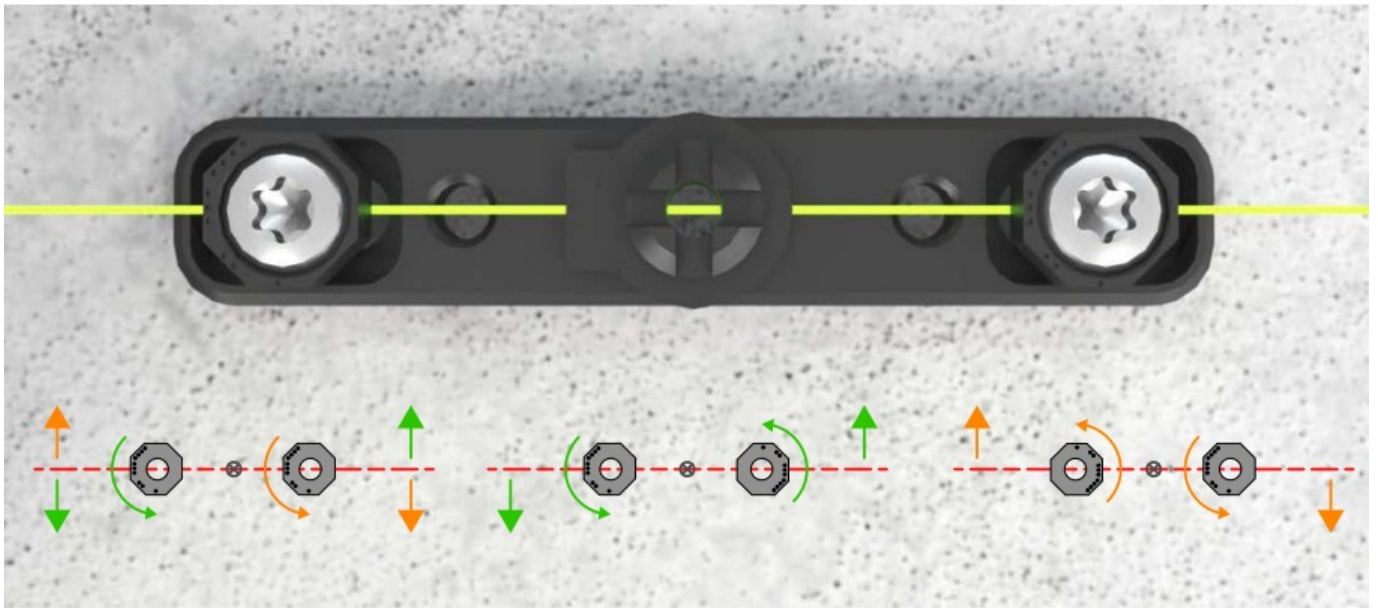
ADJUST PIVOT AXIS POSITION



0° POSITIONING ADJUSTMENTS



The view below shows the effect on the centerline angle when rotating the inserts to different positions.



MINIMIZE VISIBLE COMPONENTS

Slide the 3D printed covers over the base of the hinge to cover up the screws and hexagonal inserts



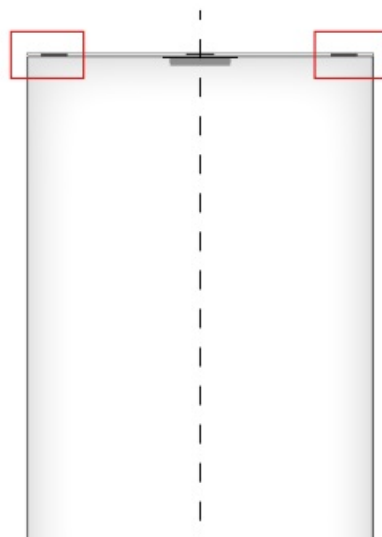
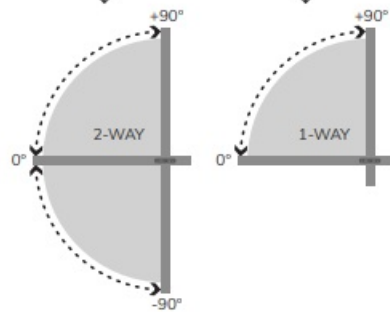
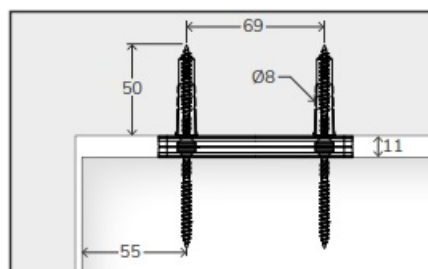
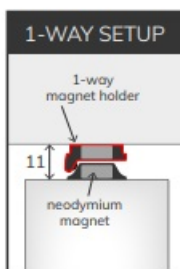
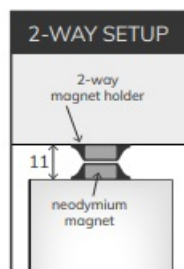
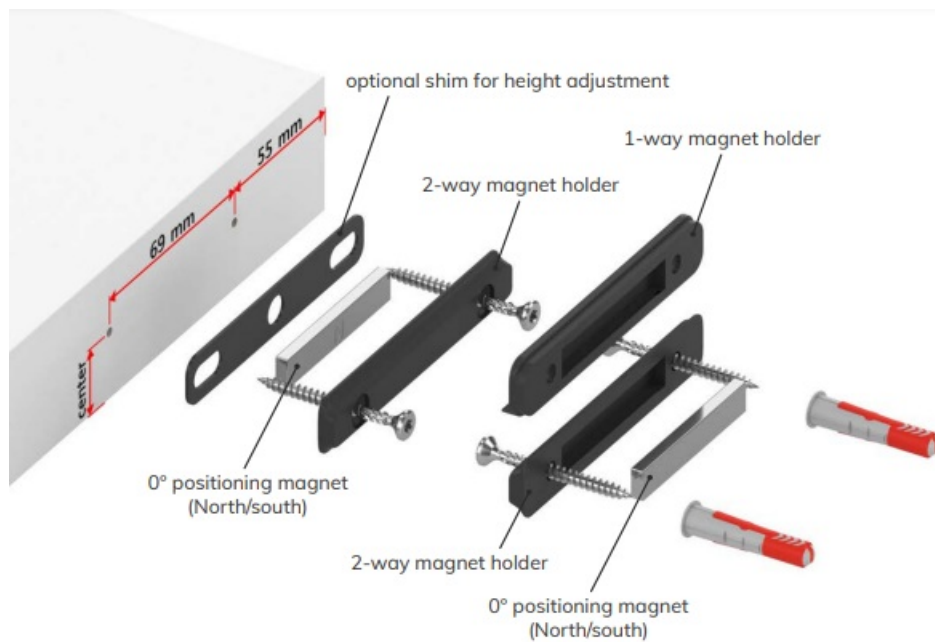
INTERCHANGEABLE GAS DAMPERS

INTERCHANGEABLE GAS DAMPERS



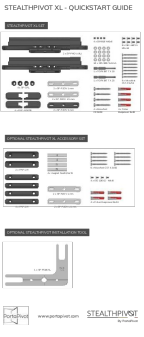
Stealth pivot NL and XL are equipped with 480N gas dampers which can easily be replaced. Optional 750N dampers are also available.

OPTIONAL 0° POSITIONING ACCESSORIES





Documents / Resources

	<p>PortaPivot V2 XL Self-Closing Hinge System [pdf] User Guide V2 XL Self-Closing Hinge System, V2, XL, Self-Closing Hinge System</p>
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References

-  [Architectural hardware for pivot, glass and sliding doors – PortaPivot](#)