

# HOW THEY WORK

Door straighteners prevent doors from bending and fix warped doors caused by heat and humidity.

Pre-installed door straighteners installed at the time of manufacturing, prevent doors from bending and can easily restore your doors rigidity with a slight adjustment.

Retro-Fit door straighteners installed post production, correct currently warped doors.

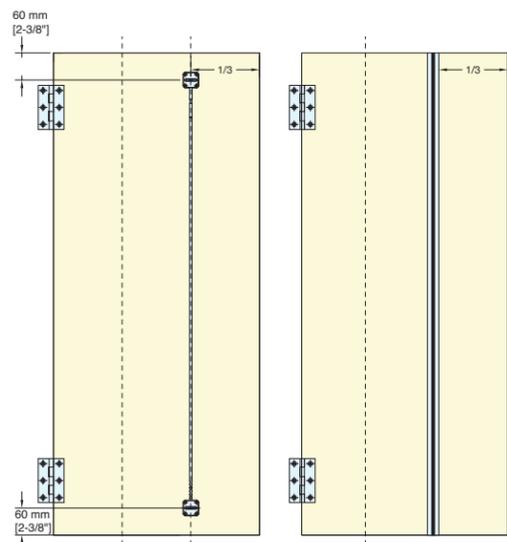
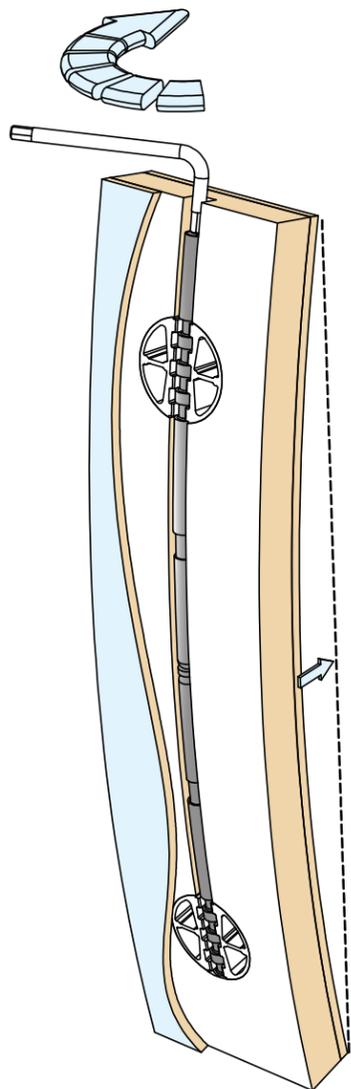
Door straighteners can be used for swinging doors, sliding doors or lateral opening doors.

### PRODUCT SELECTION:

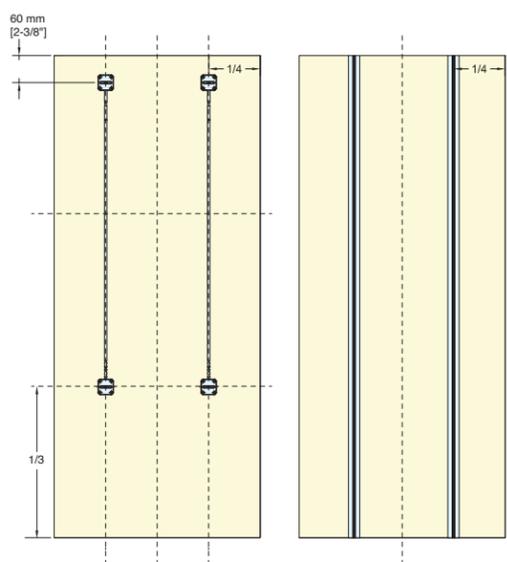
**Recessed** straighteners are mounted into the back face of a door, and can be easily adjusted from either the top edge or back face of the door.

**Concealed** straighteners are mounted into the thickness of the door under the laminate. These can be adjusted from the top edge of the door.

**Retrofit** straighteners are mounted on the back face of the door. These can be adjusted from the top of the straightener.

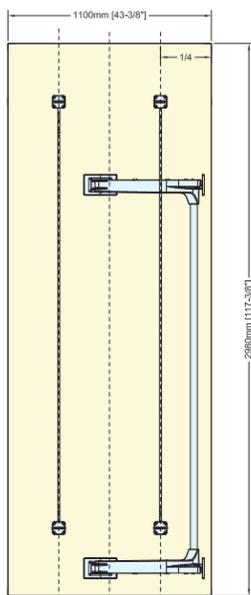
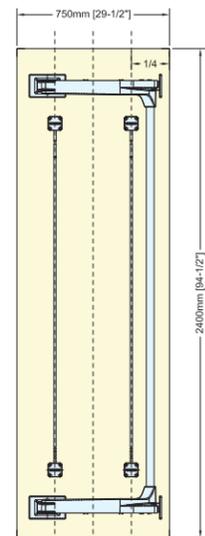


**SWINGING DOORS**  
Measuring from the side of the door opposite to the hinges, install at 1/3 door width. Use One door straightener. For recessed and concealed straighteners install adjustor 60mm from top and bottom. Retrofit along whole length of door.

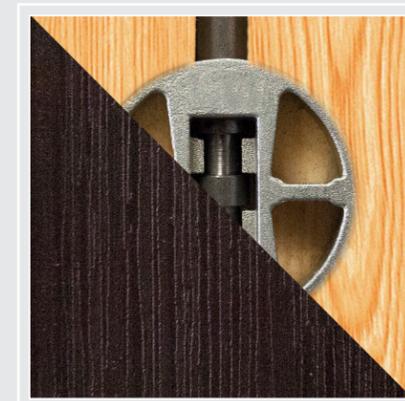
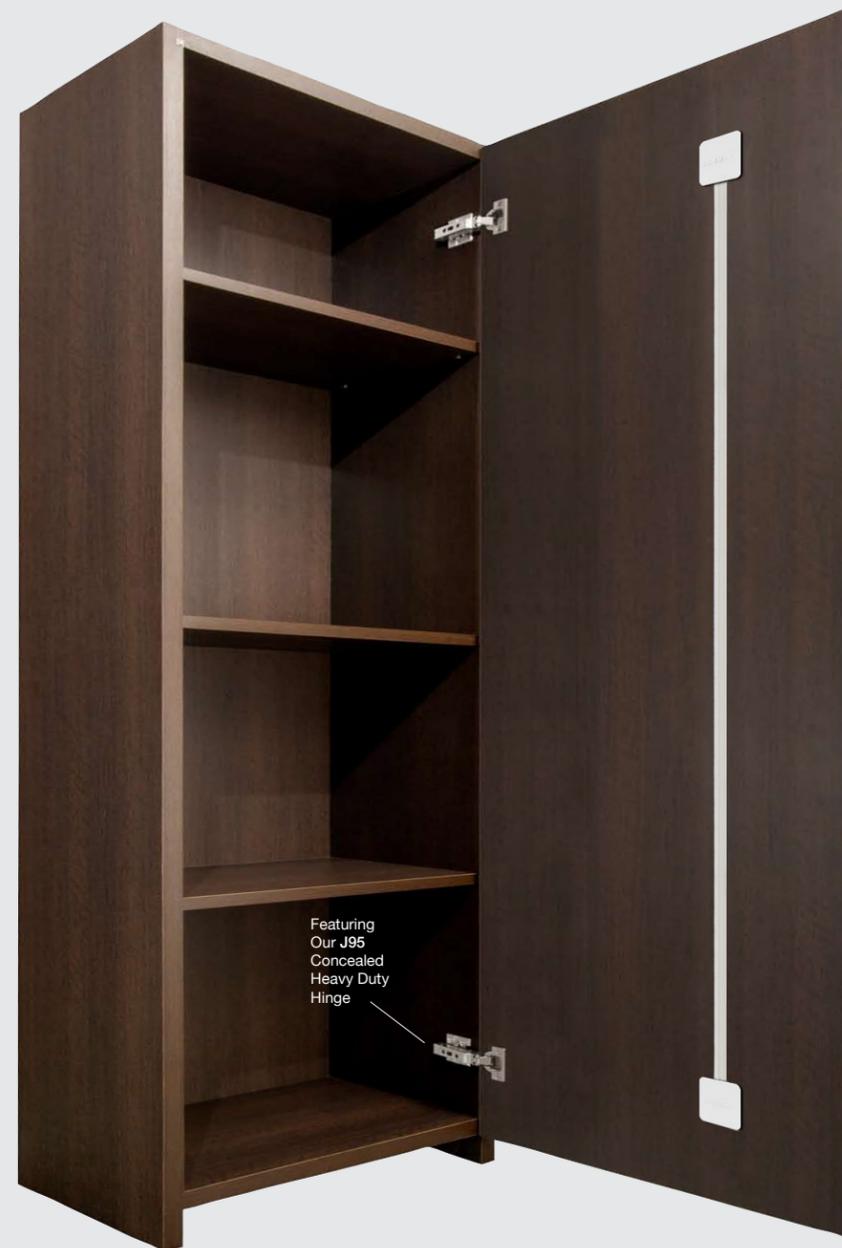


**SLIDING DOORS**  
Recessed and concealed, straighteners do not need to travel down the whole length of a sliding door, only the top 2/3 of the door. Install at 1/4 and 3/4 door width. Install 60mm from the top of the door. For Retrofit, install along whole length of door. Use 2 straighteners.

**LATERAL OPENING DOORS** Install at 1/4 and 3/4 door width. Center on door height. Use 2 straighteners. For Retrofit, install along whole length of door.



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# DOOR STRAIGHTENERS

Protect your doors from future warping with Sugatsune's new door straighteners. Models DSR213, DSR423 and DSR403 are installed at the time of manufacturing to prevent warping. Available for recessed and concealed installation.

Fix your warped doors with model DSR701 retrofit door straightener which can be recessed or surface mounted onto your doors.

For more information and to explore our line of over 6,000 architectural and industrial products, please visit our website at [www.sugatsune.com](http://www.sugatsune.com).



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