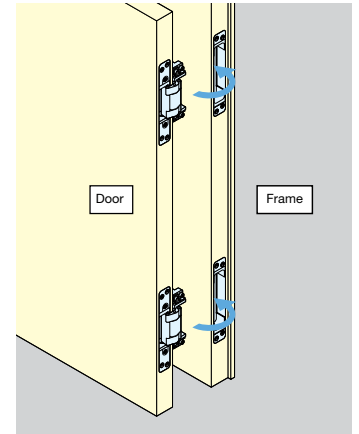


3-Way Adjustable Concealed Hinges

The HES3D Series

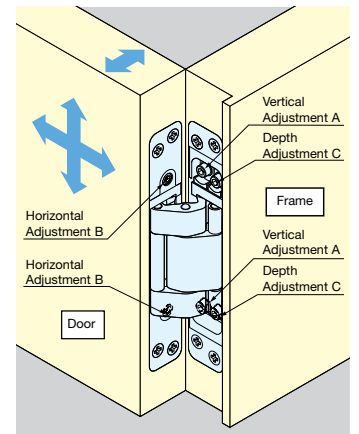
EASY INSTALLATION

Here's why, Sugatsune's HES3D series hinges incorporate a feature that allows the hinge leaves to separate. One leaf is installed in the door frame, while the other is installed into the door itself. You can then install and adjust the door at any time.



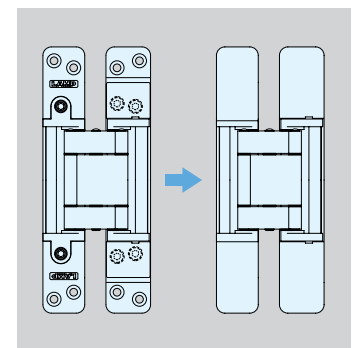
3-WAY ADJUSTABLE FEATURE

HES3D series hinges have vertical, horizontal, and depth adjustment features, so if your door isn't perfectly aligned on the first try, this feature allows adjustments in each direction.



OVERALL LOOK

HES3D series hinges feature squared shape and round corners, comes with cover caps to hide all screws on the face of the hinge, so when your hinge is installed, it has a clean, sleek appearance.



UL® LISTED

HES3D-E190 and HES3D-W190 are UL® Listed with **3 HOUR FIRE RATING.**



Cladded Doors HES3D-W190*

Min. Door Thickness: 1-5/8" (42 mm)
 Max. Door Dimensions: 96-1/16" x 36" (2440 x 915 mm)
 Max. Door Weight: 220 lbs (99 kg)/2 pcs or 275 lbs (125 kg)/3 pcs
 Finishes: Dull Chrome, Dull Nickel, White, Polished Brass, Polished Nickel, Matte Black.

***UL Listed with 3 Hour Fire Rating**

FOR MORE DETAILS
 General Catalog Pg. 185.1



HES3D-E190*

Min. Door Thickness: 1-1/2" (38 mm)
 Max. Door Dimensions: 94-1/2" x 35-7/16" (2400 x 900 mm)
 Max. Door Weight: 220 lbs (99 kg)/2 pcs or 275 lbs (125 kg)/3 pcs
 Finishes: Dull Chrome, Dull Nickel, Polished Nickel, Matte Black, White

***UL Listed with 3 Hour Fire Rating**

FOR MORE DETAILS
 General Catalog Pg. 184



HES3D-E160

Min. Door Thickness: 1-3/8" (35 mm)
 Max. Door Dimensions: 94-1/2" x 35-7/16" (2400 x 900 mm)
 Max. Door Weight: 121 lbs (55 kg)/2 pcs or 154 lbs (70 kg)/3 pcs
 Finishes: Dull Chrome, Dull Nickel, Matte Black

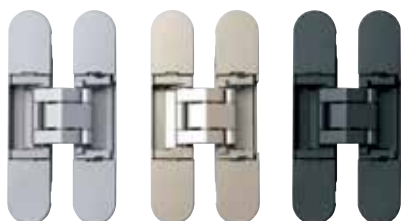
FOR MORE DETAILS
 General Catalog Pg. 183



HES3D-120

Min. Door Thickness: 1-1/8" (29 mm)
 Max. Door Dimensions: 94-1/2" x 35-7/16" (2400 x 900 mm)
 Max. Door Weight: 66 lbs (30 kg)/2 pcs or 88 lbs (40 kg)/3 pcs
 Finishes: Dull Chrome, Dull Nickel, Matte Black

FOR MORE DETAILS
 General Catalog Pg. 182



HES3D-90

Min. Door Thickness: 15/16" (23 mm)
 Max. Door Dimensions: 59-1/16" x 23-5/8" (1500 x 600 mm)
 Max. Door Weight: 26 lbs(12 kg)/2 pcs or 35 lbs(16 kg)/3 pcs
 Finishes: Dull Chrome, Dull Nickel, Matte Black

FOR MORE DETAILS
 General Catalog Pg. 310



HES3D-70

Min. Door Thickness: 3/4" (19 mm)
 Max. Door Dimensions: 47-1/4" x 23-5/8" (1200 x 600 mm)
 Max. Door Weight: 19.8 lbs (9 kg)/2pcs or 26.4 lbs (12 kg)/3 pcs
 Finishes: Dull Chrome, Dull Nickel, Matte Black

FOR MORE DETAILS
 General Catalog Pg. 309