

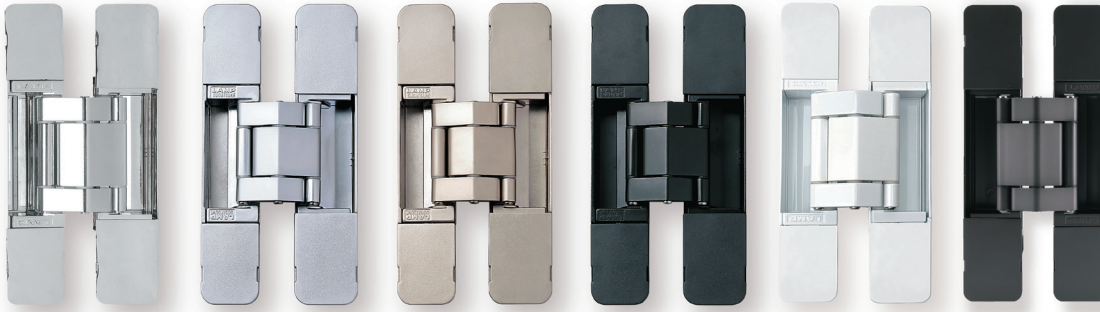
3-WAY ADJUSTABLE CONCEALED HINGE



HES3D-E190

HINGES

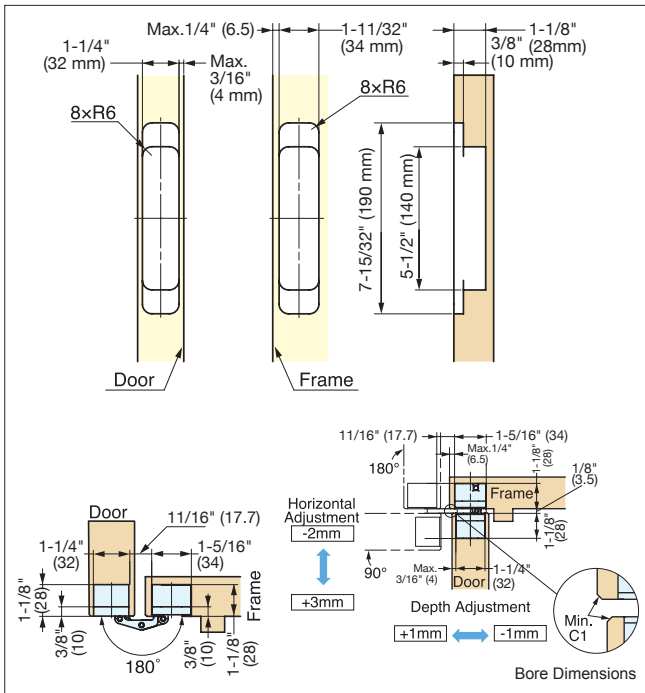
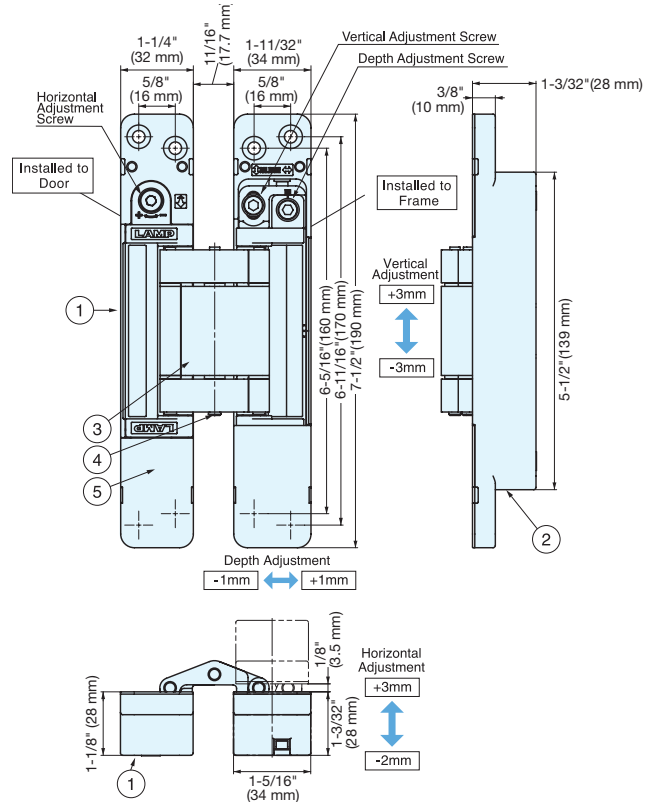
3-WAY ADJUSTABLE CONCEALED HINGES



HES3D-E190PN-UL HES3D-E190DC-UL HES3D-E190DN-UL HES3D-E190BL-UL HES3D-E190WT-UL HES3D-E190DGR-UL



- 3-WAY adjustment function allows vertical, horizontal, and depth adjustment after hinge installed.
- Easy installation with LIFT-OFF FEATURE: can be split into two parts (one for the frame and one for the flap), can temporarily be hung and hold position without being affixed with screws.
- Successfully passed 300,000 open/close private cycle tests.
- UL Rated, up to 3 Hours
- Supplied with steel flat head screws.
- Covers hide all screw heads for clean appearance.
- Door weight : Max. 220 lbs (100 kg)/2 pcs, 275 lbs (125 kg)/3 pcs.
- Compatible with 1-3/4" (44 mm) Door Thickness.
- Actual Specified Door Thickness : Min. 1-1/2" (38 mm).
- Max. Door Size : H 94-1/2" (2400 mm) x W 36" (914 mm).
- Bracket for sheet metal doors and frames available (sold separately).
- Metal cover plates available for Polished Nickel (PN) finish only, part# HES3D-E190PN-CM (sold separately).



| Item No. | Weight (g) | Box (pcs) | Carton (pcs) |
|------------------|------------|-----------|--------------|
| HES3D-E190PN-UL | 1050 | 2 | 12 |
| HES3D-E190DC-UL | | | |
| HES3D-E190DN-UL | | | |
| HES3D-E190BL-UL | | | |
| HES3D-E190WT-UL | | | |
| HES3D-E190DGR-UL | | | |

| No. | Part Name | Material | Finish/Color |
|-----|------------|---------------------|---|
| ① | Body | Zinc Alloy | Polished Nickel (PN) Dull Chrome (DC) Dull Nickel (DN) Matte Black (BL) White (WT) Dark Grey (DGR) |
| ② | Base Frame | Zinc Alloy | Polished Nickel (PN) Dull Chrome (DC) Dull Nickel (DN) Matte Black (BL) White (WT) Dark Grey (DGR) |
| ③ | Arm | Aluminum Alloy | Polished Nickel (PN) Dull Chrome (DC) Dull Nickel (DN) Matte Black (BL) White (WT) Dark Grey (DGR) |
| ④ | Pin | 304 Stainless Steel | - |
| ⑤ | Cover | ABS | Polished Nickel (PN) Dull Chrome (DC) Dull Nickel (DN) Matte Black (BL) White (WT) Dark Grey (DGR) |