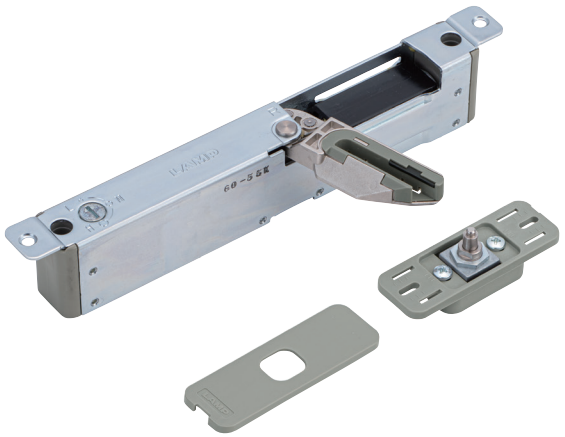
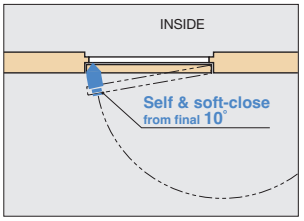
CONCEALED DOOR DAMPER

Lapcon **LDD-V60**



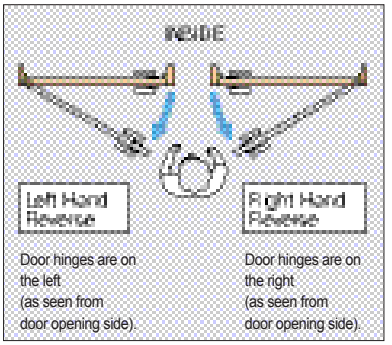
- Concealed door damper for interior, swinging doors.
- Self and soft-closes during final 10º.
- Closes door gently preventing slamming and pinched fingers.
- Adjustable soft-close, and counterplate for a calibrated installation.
- Can be retrofitted onto doors.
- Passed 100k open/ close cycle test.

Door Movement

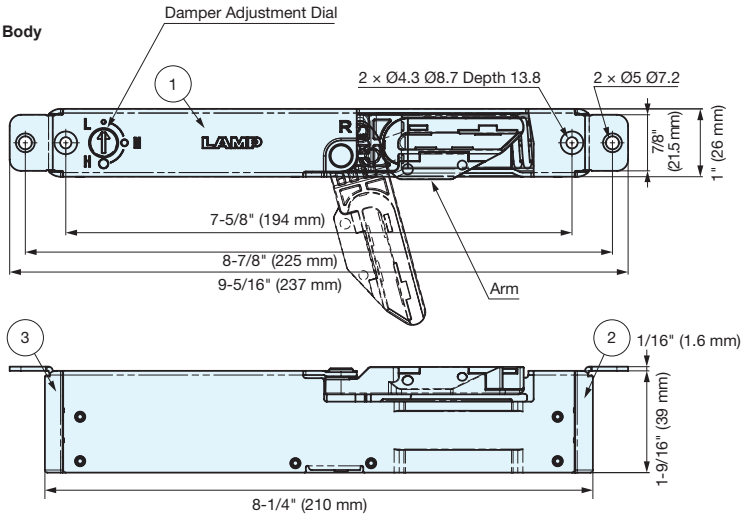


Right-hand reverse type shown.

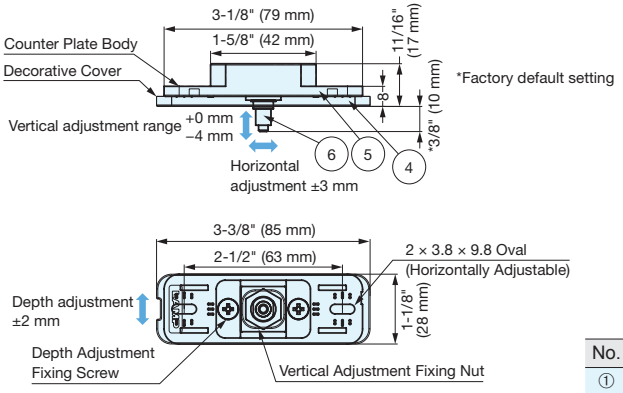
Door Hinge Side Indicates Product Type



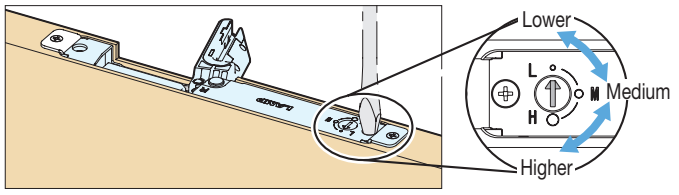
Body



Counter Plate



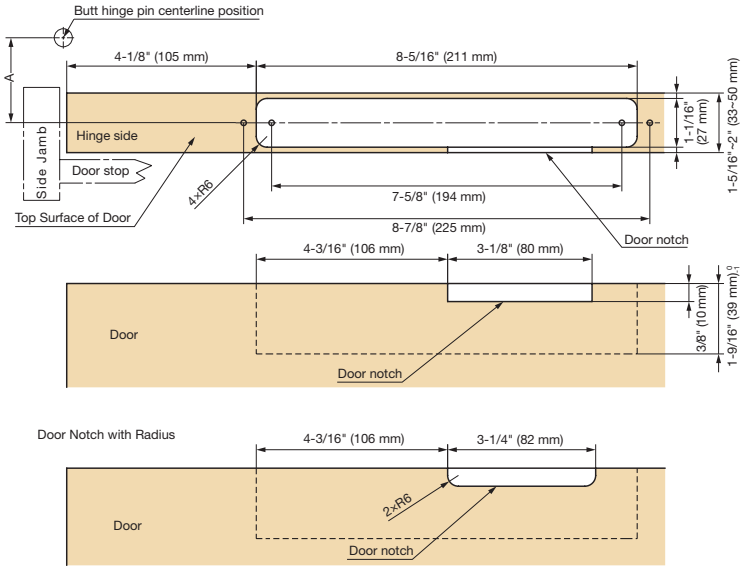
Damper Adjustment Method



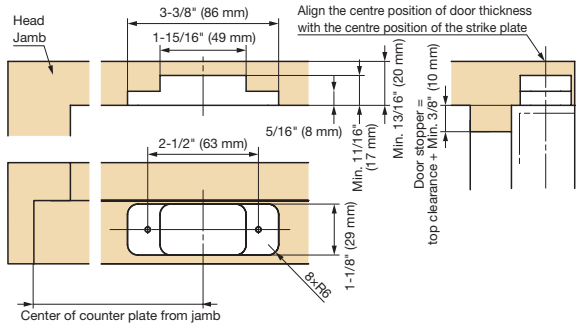
No.	Part Name	Material	Finish/ Color
①	Body Case	Steel (SPCC)	Clear Zinc Chromate (Trivalent)
②	Spring Case	Polyacetal (POM)	Grey
③	Damper Base		
④	Counter Plate Cover		
⑤	Counter Plate Case		
⑥	Counter Plate Shaft	Steel (SUM)	-

Item No.	Type	Door Width	Door Thickness	Door Weight	Box (pcs)	Carton (pcs)
LDD-V60-GR-R	Right-Hand Reverse	Max. 36" (914.4 mm)	1-5/16" ~ 2" (33 ~ 50 mm)	77 ~ 132 lbs (35 ~ 60 kg)	10	40
LDD-V60-GR-L	Left-Hand Reverse					

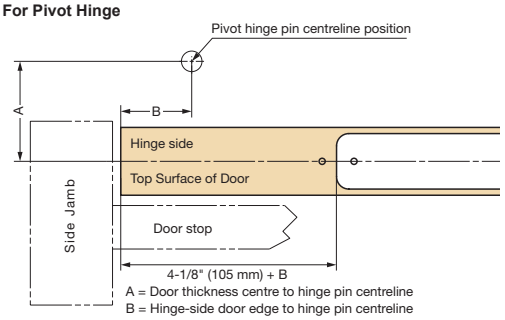
Cut Out Dimensions: Door Damper body For Concealed Hinges or Butt Hinges



Cut Out Dimensions: Counter Plate Counter plate mounting position varies by hinge.

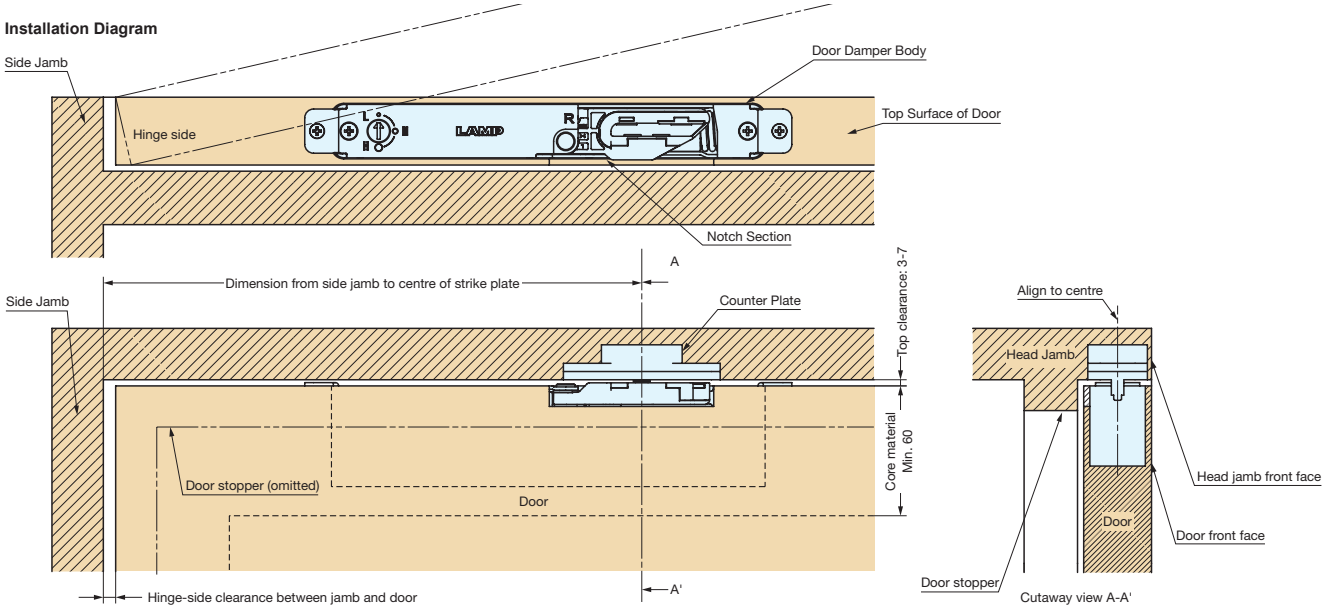


For Pivot Hinge



The above shows the cut-out dimensions for LDD-V60-R (right-hand reverse).
For LDD-V60-L (left-hand reverse), the dimensions are mirrored.

Installation Diagram



The above shows the installation diagram for LDD-V60-R (right-hand reverse).
For LDD-V60-L (left-hand reverse), the diagram is mirrored.
Counter plate mounting position varies by hinge.
Recess the door damper body into the top edge of the door, and recess the counter plate into the head jamb.

Door Hinge		Dimension from the side jamb to the centre of the strike plate (mm)	
HES1F-140		10-1/8" (257 mm)	+ Hinge-side clearance between jamb and door
HES2S-140		10-1/16" (256 mm)	
HES2S-150		10-1/16" (255 mm)	
HES3D-V135		9-15/16" (253 mm)	
HES3D-H120		10-1/16" (256 mm)	
HES3D-E160		10-1/16" (256 mm)	
HES3D-E190		10-1/16" (256 mm)	
HES3D-W190		10-1/8" (257 mm)	
HGS3D-S160SH		10-1/16" (256 mm)	
Butt Hinge	A= 13/16"(20 mm)	10-1/8" (257 mm)	
	A= 1-3/16" (30 mm)	10-1/4" (260 mm)	
	A= 1-3/4" (45 mm)	10-3/8" (263 mm)	
Pivot Hinge	A= 13/16"(20 mm)	10-1/8" (257 mm)+B	
	A= 1-3/16" (30 mm)	10-1/4" (260 mm)+B	
	A= 1-3/4" (45 mm)	10-3/8" (263 mm)+B	