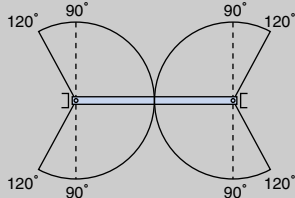
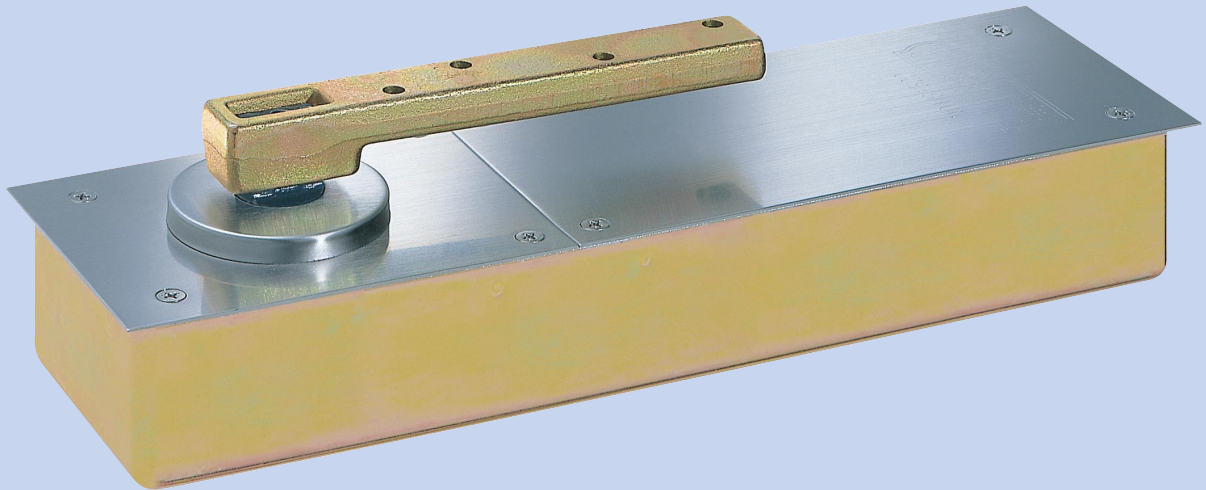


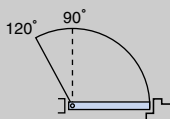
FLOOR HINGES

500 Series

Center-Hung Floor Hinges
for Inward and Outward Opening • One-side Opening

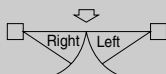


Center-hung
90° hold-open
120° inward and outward opening



Center-hung
90° hold-open 120° single-action
Right or Left hand

Determination of Door Hand



There is the right and left hand.
(for H(S)-515, H(S)-525, H(S)-535 only)

- A narrow type with 100mm in width: accommodated to a front narrow frame.
- The thickness of these floor hinges has been further reduced for installation on a thin slab.
- Two-valve function allows easy closing speed adjustment.
- Three-valve system for closing speed adjustment of single-action doors. Latching speed during the last two to three degrees of motion adjustable to assure closure. Ideal for airtight doors with electric locks, etc.
- Closing position of the door is adjustable after hanging by making a simple adjustment to the main body alone.
- Type Z is also available, with which alignment can be adjusted by means of the top pivot.

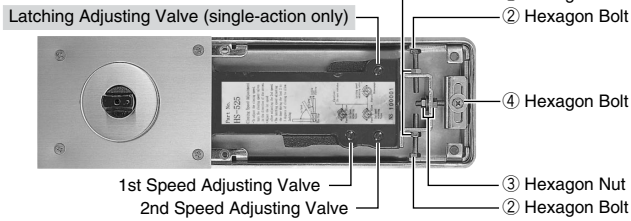
Model Number				Applicable Door Dimensions DW×DH mm	Maximum Door Weight kg
Double-action		Single-action			
Without Hold-open	With Hold-open	Without Hold-open	With Hold-open		
H-511	HS-511	*H-515	*HS-515	900×2100	70
H-522	HS-522	*H-525	*HS-525	950×2100	105
H-533	HS-533	*H-535	*HS-535	1050×2400	150
H-511 ZI	HS-511 ZI	*H-515 ZI	*HS-515 ZI	900×2100	70
H-522 ZI	HS-522 ZI	*H-525 ZI	*HS-525 ZI	950×2100	105
H-533 ZI(*)	HS-533 ZI(*)	*H-535 ZI(*)	*HS-535 ZI(*)	1050×2400	150

(Note) *Export use model.

• Those models marked with asterisk (*) are handed.

• Floor hinges for stone tile flooring, floor hinges for carpeted flooring, and aqua hinges are available as well.

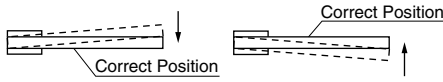
Adjustment Procedure



Note: Hexagon bolts and nuts have M5 threading.

1. Closed Position Alignment

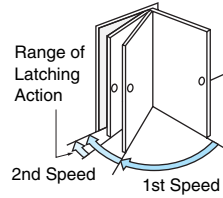
First slightly loosen hexagon bolt ④ then loosen hexagon nut ① and adjust using hexagon bolt ②. Tighten hexagon nuts and hexagon bolts after adjusting.



2. Closing Speed Adjustment

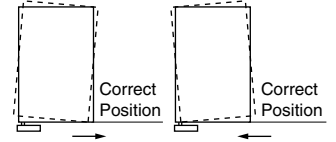


Latching Adjustment



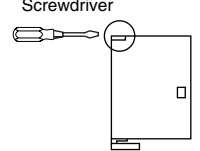
3. Door/Jamb Gap (Parallel Alignment) Adjustment (Door Width Direction Adjustment)

First slightly loosen hexagon nut ① and hexagon bolts ② then adjust using hexagon nut ③. Tighten hexagon nuts and hexagon bolts after adjusting.

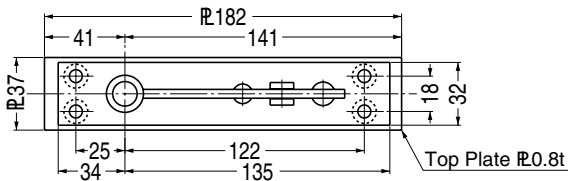


Note

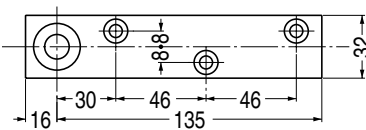
When a Type Z Pivot is used, parallel alignment can be adjusted by means of the top pivot.



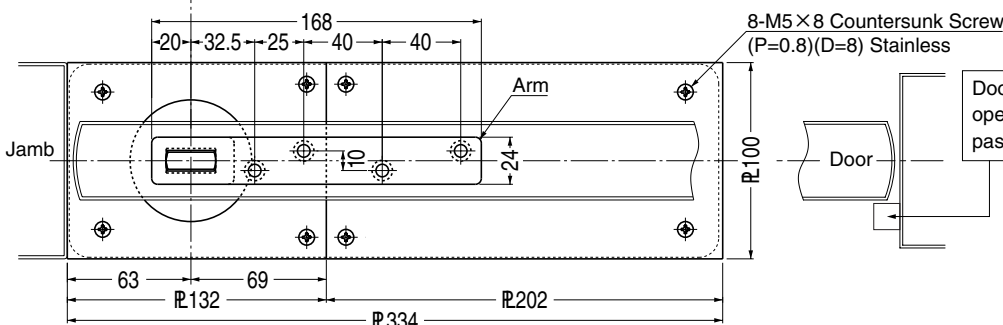
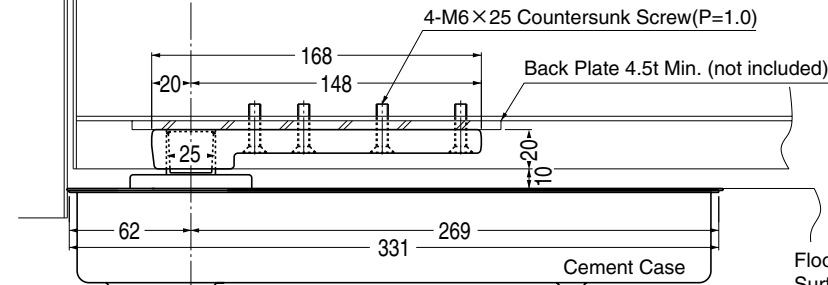
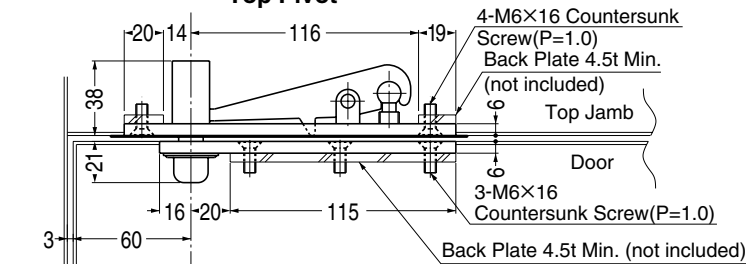
Top Pivot (Top Jamb Side)



Top Pivot (Door Side)

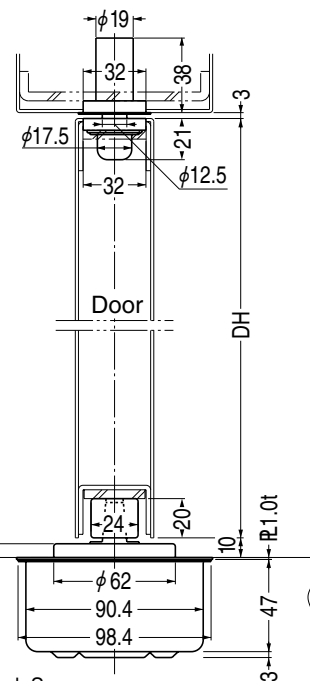


Top Pivot



Without Hold-open	With Hold-open
H-511(ZI)	HS-511(ZI)
H-522(ZI)	HS-522(ZI)
H-533(ZI)	HS-533(ZI)
H-515(ZI)	HS-515(ZI)
H-525(ZI)	HS-525(ZI)
H-535(ZI)	HS-535(ZI)

Refer to page 50 for the Type Z Top Pivot.



Doorstop must be installed as one-side opening floor hinges will swing back 5° past closed position.

Specify hand when ordering. Left-hand application shown.

