

AUTO-HINGE Flag Type

100 Series Model 133

New model added to 100 Series

NEW

Surface mount type with
applicable door weight of
60 kg



Features

- For indoor use and heavyweight doors
- Surface mount type for easy installation
- Available in silver or black finish



For indoor use

For steel doors (Surface mount type)

Model Number		Applicable Door Size (mm)			Applicable Door Weight (kg)	Stop Mechanism	Stop Angle	Max. Door Opening Angle	Color*
Right hand opening	Left hand opening	W	H	D					
133R	133L	900(Max)	2100(Max)	30(Min)	60(Max)	—	—	180° Left or Right One-side Opening	Silver
133SR	133SL					○	85° and 150°		
133R-V	133L-V					—	—		
133SR-V	133SL-V					○	85° and 150°		Black

*Each model consists of a spring hinge and a damper hinge.

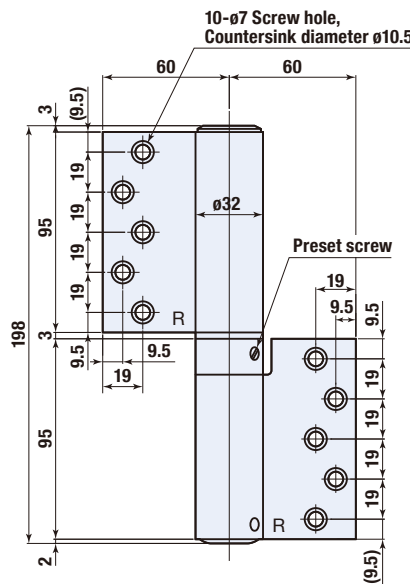
*Bronze color is available as a made-to-order item.



External Dimensions

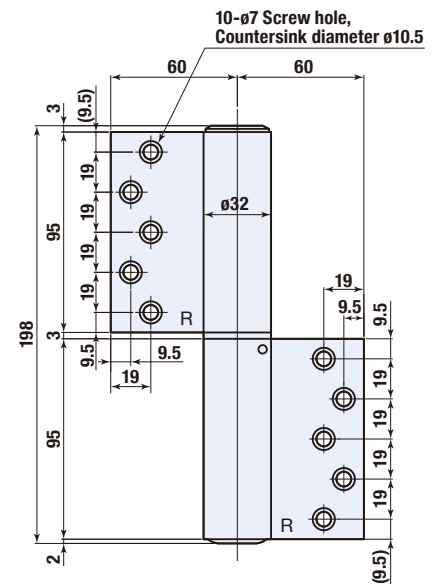
(The diagrams show the external dimensions for the right-hand opening type. The left-hand opening type is symmetrical to these diagrams.)

Spring Hinge



Damper Hinge

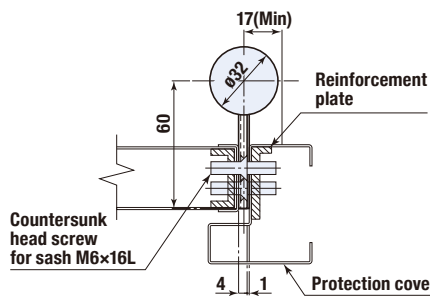
(Unit: mm)



Remarks

- 1.Surface treatment: Baked melamine resin coating.
- 2.For reinforcement purposes, secure a steel plate at least 300 mm long to both the door and frame at the leaf mounting area, ensuring that the leaf is aligned parallel to the gap between the door and frame. Also, secure the steel plate directly to the door/frame.
- 3.Use a reinforcement plate with a steel plate thickness of 3.2 mm or more.
- 4.Countersunk head screws for sash M6 x 16L (head diameter ø10) are included for installation.
- 5.Leave a gap of at least 5 mm between the outer edge of the door and frame.
- 6.Always install a door stopper to prevent the door from opening more than 180°. Install the door stopper so that it contacts the door front end.

Installation Diagrams



Accessories Included

Part name	Q'ty	
	133	133S
Countersunk head screw for sash M6 x 16L	20	
Set pin	1	-
Spring pin	-	1

When installing the main unit, use the included countersunk head screws for sash M6 x 16L (head diameter ø10).

For models without a stop function, driving the spring pin is no longer required. Simply align the set pin with the hole and insert it from above. No hammer required for the set pin. (Common to 100, 200, and 700 Series)

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