

Waterson® Auto Door Closer Hinge For Frameless Glass Door



K51GWL-500



K51GW-500



K51GG-500

Models for Frameless Glass Door

MODEL	NAME	APPLICATION	GLASS THICKNESS
K51GWL-500	Glass Door Closer Hinge: Glass-to-Thin-Wall (Wall Thickness > 3.8 cm)	Install one side on frameless glass door, the other on metal frame/ concrete wall	8-12 mm
K51GW-500	Glass Door Closer Hinge: Glass-to-Thick-Wall (Wall Thickness > 8 cm)		8-12 mm
K51GG-500	Glass Door Closer Hinge: Glass-to-Glass	Install both sides on the frameless glass	8-12 mm



S (Spring-Deliver Closing Force)



H (Hydraulic Buffer)



S (Spring-Deliver Closing Force)



A1.A (Mechanical Buffer)

B (Mechanical-Hold Open)

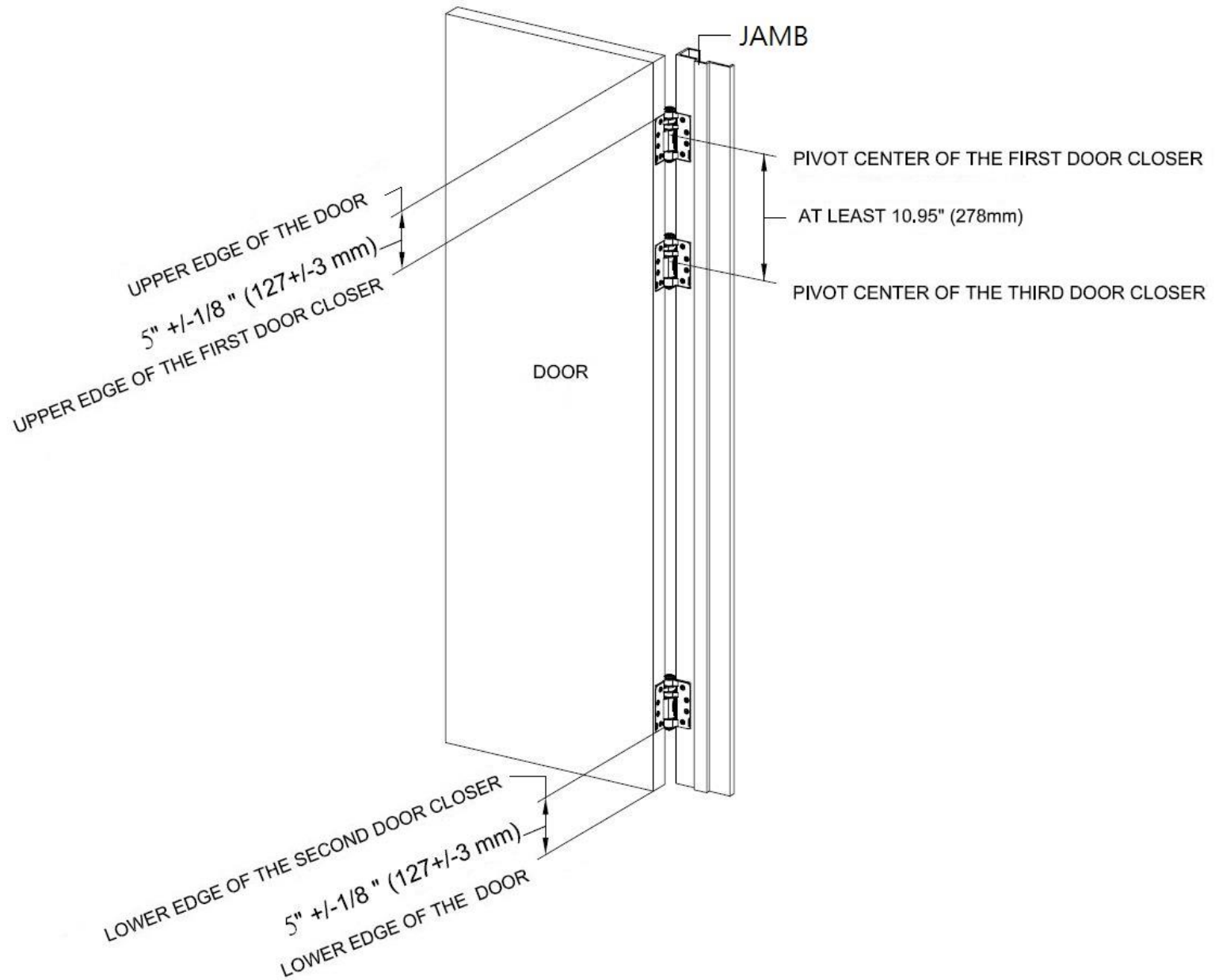
Stainless Steel hinge Types - For Glass Doors

Top	Function	Bottom	Function	Type for order	Mechanism
S	Spring power (provide door closing power)	S	Spring power (provide door closing power)	SS	Spring power + Spring power
S	Spring power (provide door closing power)	A1	Control closing speed in 0°-20°	SA1	Spring power + Mechanical buffer
S	Spring power (provide door closing power)	A	Control closing speed in 20°-90°	SA	Spring power + Mechanical buffer
S	Spring power (provide door closing power)	B	Hold-open in 90°+/-5°	SB	Spring power + Hold-open
H	Hydraulic Buffer	A	Control closing speed in 20°-90°	HA	Hydraulic Buffer + Mechanical buffer
H	Hydraulic Buffer	B	Hold-open in 90°+/-5°	HB	Hydraulic Buffer + Hold-open

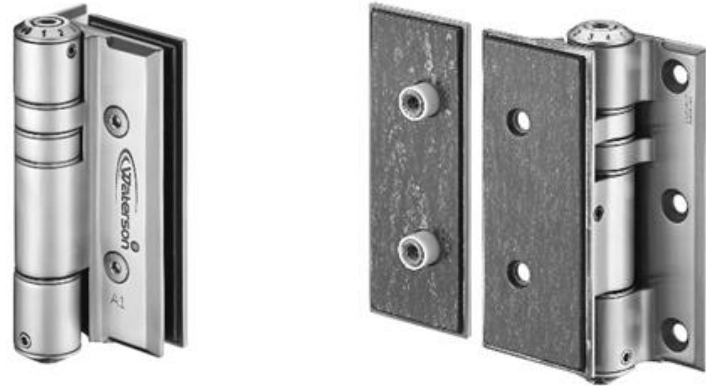
For K51G: Hinge Combination and Installation Position

	Self-Closing							Self-Closing & Hold-open				
Door Weight \ Position	40 kg	75 kg		120 kg		170 kg		40kg	75 kg	120 kg		170 kg
Top	SA	SS	SA1	SS	SA1	SS	SS	SA	SS	SS	SA1	SS
Middle	/	/	HA	HA	SA	SA1	SA1	/	/	HB	SB	SB
						HA						HB
Bottom	HA	HA	SA	SA1	SA	SA	SA	HB	HB	SA	SA	SA

Installation Guide



K51GWL-500
Glass Door Closer Hinge:
Glass-to-Thin-Wall



K51GW-500

Glass Door Closer Hinge:
Glass-to-Thick-Wall



K51GG-500

Glass Door Closer Hinge:
Glass-to-Glass

