

Waterson® Auto Door Closer Hinge For Frameless Glass Door



K51GWL



K51GG

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
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)



TOP

BOTTOM



S (Spring-Deliver Closing Force)



A1.A (Mechanical Buffer)

B (Mechanical-Hold Open)

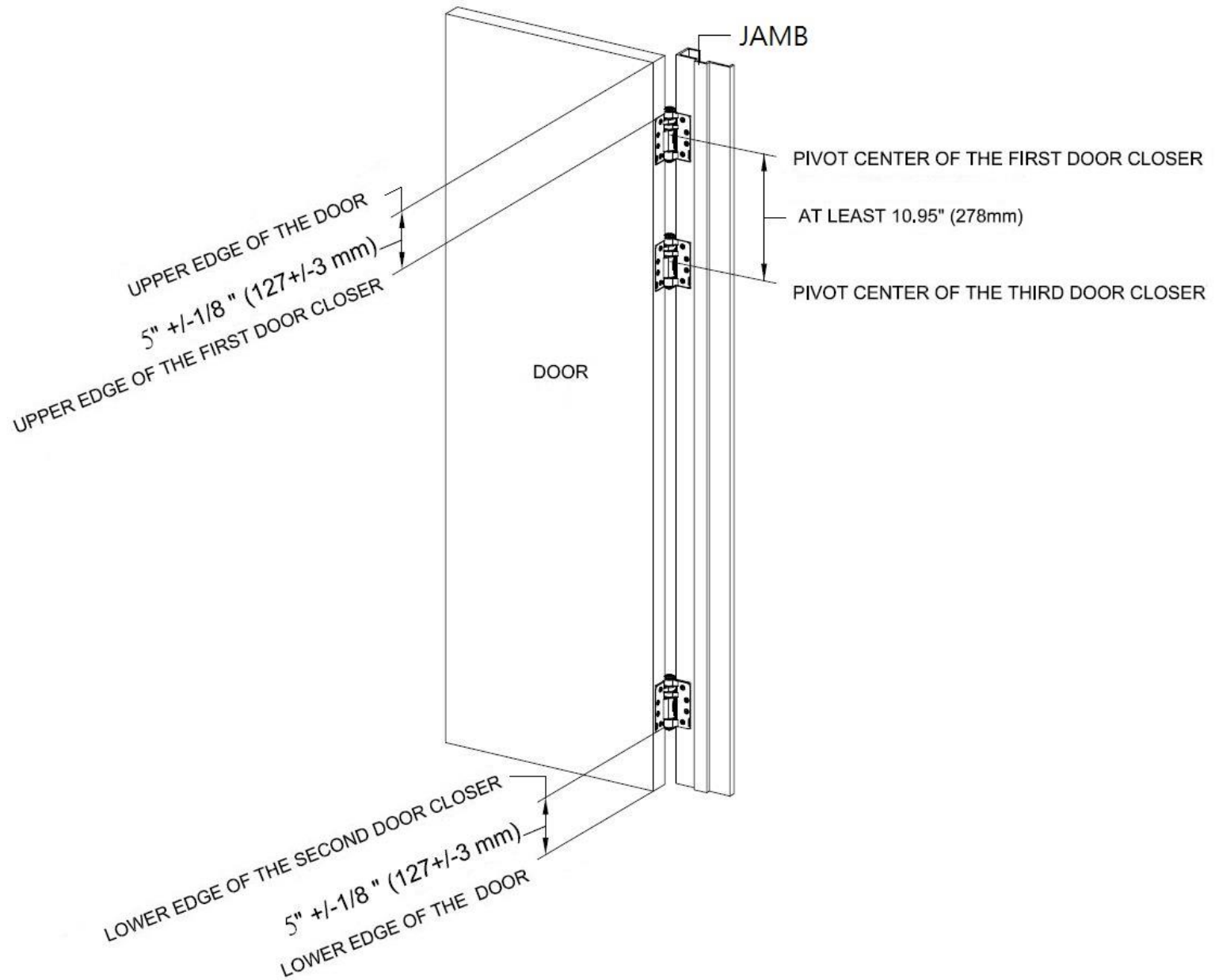
Stainless Steel hinge Types - For Glass Doors

Top	Function	Bottom	Function	Type for order	Mechanism
S	Spring power (provide door closing power)	S	Spring power (provide door closing power)	DS	Double 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	S	Spring power (provide door closing power)	HS	Hydraulic Buffer + Spring Power
H	Hydraulic Buffer	A	Control closing speed in 20°-90°	HA	Hydraulic Buffer + Mechanical buffer

For K51G: Hinge Combination and Installation Position

		Self-Closing				Self-closing & Hold-open	
Position	Door Weight	40 kg	70 kg		120 kg	150 kg	70 kg
	Top	SA1	HS	SA	HS	HS	HS
Middle	/	/	HA	SA	SA	/	SA
					SA		
Bottom	HA	SA	SA1	SA1	SA1	SB	SB

Installation Guide



K51GWL

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



K51GG

Glass Door Closer Hinge: Glass-to-Glass

