

ANSI/BHMA A.156.17 GRADE 1 PASSED 1,000,000 TESTING CYCLES

3 IN 1 SELF CLOSING HINGE

Patented

Combines A Hinge & Door Closer in One Product
With Option To Add A Hold Open To Hinge



Advanced Engineering	Combines A Heavy Duty Hinge & Door Closer
Maintenance-Free	Stainless-steel Construction, No Leaking Oil.
Full Adjustable	Complete Adjustability Of Closing Force And Closing Speed.
Strength	Maximum Door loading with auto door-close function - 440 lbs – 4 Hinge Application
Durability	1,000,000 Cycle Tested To Provide Many Years Of Maintenance Free.
Code Compliant	ADA, UL Listed R26997, ANSI/BHMA A156.17 Grade 1.
Material	304 or 316 Stainless Steel



3 IN 1 SELF CLOSING HINGE

Easy to open and close



K51M Stainless steel series

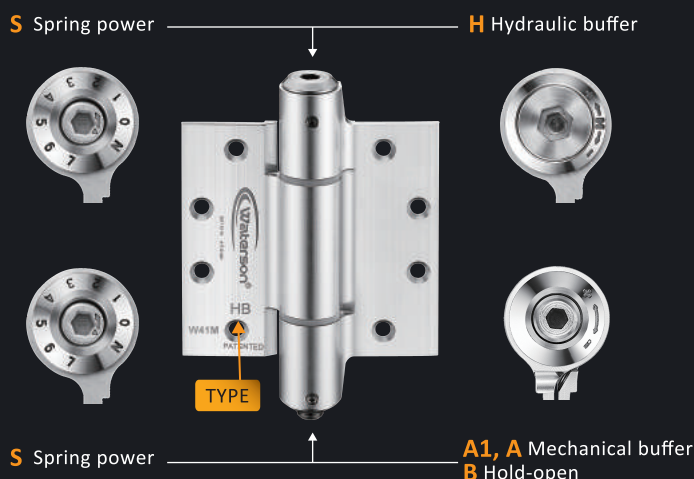
Full mortise type, for fire-proof doors and metal doors

Model name	DIM	Radius	Gauge	Finish	Door spec	Hinge combination and installation positions	
K51M-400	4"x 4"	Square	0.13" 3.3 mm	Satin Brushed	≤ 260 pounds < 7'0 x 4'0	Self-closing	Self-closing & Hold-open
K51M-450	4.5"x 4.5"					(SA, SA, SA1)= (top, middle, bottom)	(SB, SA, SA1)= (top, middle, bottom)
K51M-500	5"x 5"	1/4R	0.146" 3.71 mm	Polished	≤ 120 kg < 2200 x 1250 mm	(DS, HA, SA1)= (top, middle, bottom)	
K51M-500D	5"x 5"	5/8R				(SA, SA, SA1, SA1)= (top, middle, bottom)	Hold-open is not provided.
			0.190" 4.83 mm	Golden Black	≤ 330 pounds < 8'0 x 4'0	(DS, HA, SA, SA1)= (top, middle, middle, bottom)	
					≤ 150 kg < 2400 x 1250 mm		

W41M Aluminium series

Full mortise type, for interior solid core doors

Model name	DIM	Radius	Gauge	Finish	Door spec	Hinge combination and installation positions	
W41M-400	4"x 4"	Square	0.13" 3.3 mm	Silver	≤ 150 pounds < 7'0 x 4'0	Self-closing	Self-closing & Hold-open
W41M-450	4.5"x 4.5"					(DS, HA, SA1)= (top, middle, bottom)	(SB, SA, HS)= (top, middle, bottom)
		1/4R			≤ 70 kg < 2200 x 1250 mm		
		5/8R					



Hinge types	
Mechanical types	DS Spring power + Spring power
	SA1 Spring power + Mechanical buffer controls closing speed in 0°-20°
	SA Spring power + Mechanical buffer controls closing speed in 20°-90°
	SB Spring power + Hold-open
Hydraulic types	HS Hydraulic Buffer + Spring power
	HA Hydraulic Buffer + Mechanical buffer controls closing speed in 20°-90°

Non - Handed for all K51M

All specifications conform to ANSI/BHMA A156.7.

Follow NFPA-80 for number of hinges required on a door.

The product lifetime and its maximum loading weight will be influenced by the loading pressure or the set-up of braking graduation.



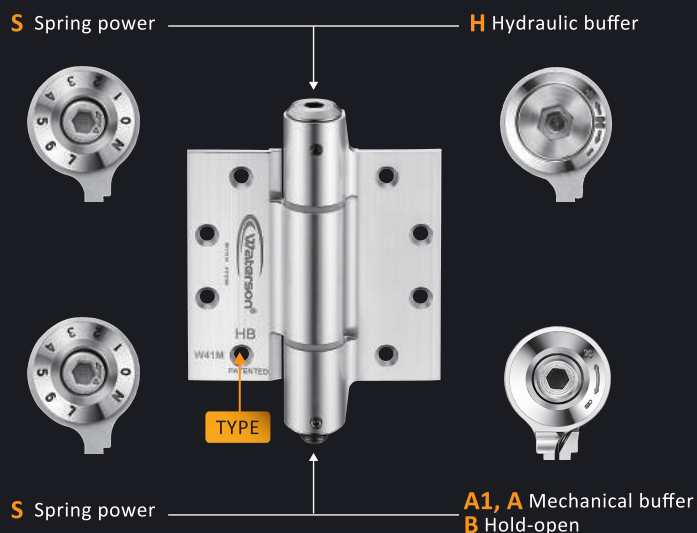
3 IN 1 SELF CLOSING HINGE

Easy to open and close



K51M, W41K and W41M Series

Material and Door types	Model Name	Dimensions	Door thickness	Gauge	Hinge combination and installation positions		
Made of stainless steel,for fire-proof doors and metal doors	K51M-640	6″x 4″	35-45 mm	4.1 mm	Door Weight	Auto closing mode	85°±5° Hold-open mode
	K51M-645	6″x 4.5″	40-50 mm		under 70 kg	(DS, HA)=(top, bottom) (SA, SA1)=(top, bottom)	(SB, HS) = (top, bottom)
	K51M-650	6″x 5″	45-55 mm		under 120 kg	(DS, HA, SA1) =(top, middle, bottom) (SA, SA, SA1) =(top, middle, bottom)	(SB, SA, HS) = (top, middle, bottom) (SB, SA, SA1) =(top, middle, bottom)
	K51M-655	6″x 5.5″	50-60 mm				
	K51M-660	6″x 6″	55-65 mm				
Made of aluminium alloy,for wooden doors under 70 kg	W41K	6″x 4.5″	40-50 mm	5 mm	under 70 kg	(DS, HA)=(top, bottom)	(SB, HS) = (top, bottom)
	W41M-400	4″ x 4″	40-45 mm	3.3 mm			
	W41M-450	4.5″ x 4.5″	45-50 mm				



Hinge types	
Mechanical types	DS Spring power + Spring power
	SA1 Spring power + Mechanical buffer controls closing speed in 0°-20°
	SA Spring power + Mechanical buffer controls closing speed in 20°-90°
	SB Spring power + Hold-open
Hydraulic types	HS Hydraulic Buffer + Spring power
	HA Hydraulic Buffer + Mechanical buffer controls closing speed in 20°-90°

Non - Handed for all K51M

All specifications conform to ANSI/BHMA A156.7.

Follow NFPA-80 for number of hinges required on a door.

The product lifetime and its maximum loading weight will be influenced by the loading pressure or the set-up of braking graduation.