

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**
Optionally A Hold Open Hinge Can Be Added**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

Optional

B Hinge – Installed In The Middle Position To Provide A Hold Open Function.

3 IN 1 SELF CLOSING HINGE

Save 50% of opening force

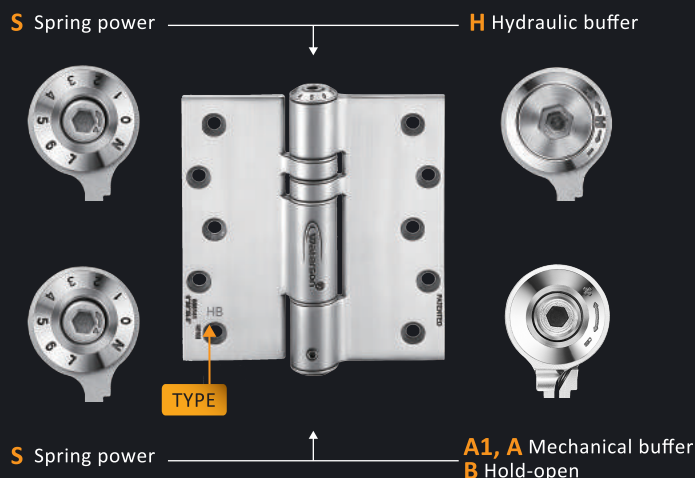


K51M Stainless steel series
Full mortise type, for fire-proof doors and metal doors

Model name	Dimensions	Radius	Gauge	Door thickness	Door weight	Hinge combination and installation positions	
K51M-400	4"x 4"	Square	0.13" (3.3 mm)	1 3/8" 35-45 mm	≤ 160 pounds (75 kg)	Self-closing (SA1, SA, SA)= (top, middle, bottom)	Self-closing & Hold-open (SA1, SB, SA)= (top, middle, bottom)
K51M-450	4.5"x 4.5"			1 3/4" 40-50 mm		(SA1, HA, SA)= (top, middle, bottom)	
K51M-500	5"x 5"	5/8R	0.146" (3.71 mm)	2 1/4" 45-55 mm	≤ 260 pounds (120 kg)	(SA1, SA, SA)= (top, middle, bottom)	(SA1, SB, SA)= (top, middle, bottom)
K51M-500D	5"x 5"		0.190" (4.83 mm)			(SA1, HA, SA, SA)= (top, middle, middle, bottom)	(SA1, HB, SB, SA)= (top, middle, middle, bottom)

W41M Aluminium series
Full mortise type, for indoor wooden doors

Model name	Dimensions	Radius	Gauge	Door thickness	Door weight	Hinge combination and installation positions	
W41M-400	4"x 4"	Square	0.13" (3.3 mm)	1 3/8" 40-45 mm	≤ 160 pounds (75 kg)	Self-closing	Self-closing & Hold-open
W41M-450	4.5"x 4.5"	5/8R		1 3/4" 45-50 mm		(SS, HA)=(top, bottom)	(SS, HB)=(top, bottom)



Hinge types	
Mechanical types	SS 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	HA Hydraulic Buffer + Mechanical buffer controls closing speed in 20°-90°
	HB Hydraulic Buffer + Hold-open

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.