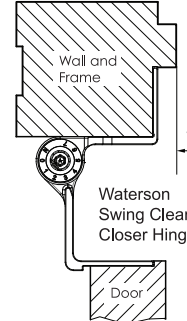


PRODUCT SELECTION TABLE

Stainless Steel Closer Hinges, Waterson K51 Series

Door (Maximums)			Operation		Closer Hinges		Sets of Closer Hinges (Style-Size-Set)									
Thick. (inches)	W X H (feet)	Weight (pounds)	Fire Door Hold Open	Mechanical: All locations. Hybrid: Softer closer, interior only.	Per Door	Configuration (See Models Table)	Full Mortise - Series K51M		Swing Clear - Series K51L-SWRH							
							Size, inches (BHMA Template)	Recommended <i>Useable with fire- rated doors.</i>	Size, inches (BHMA Template)	Recommended <i>Useable with fire- rated doors.</i>						
1-3/8	4 x 7	260		Mechanical	3	SA.SA.SA1	4 x 4 x 0.130 (A40M)	<i>K51M-400-A3</i>		Swing clear closer hinges increase clear width of door- way to improve accessibility and allow pas- sage of wider equipment.						
				Hybrid	3	DS.HA.SA1	-	<i>K51M-400-B3</i>								
				Mechanical	3	SB.SA.SA1	-	K51M-400-C3								
				Hybrid	3	DS.HA.SB	-	K51M-400-D3								
	4 x 8	260		Mechanical	4	SA.SB.SA.SA1	-	K51M-400-C4								
				Hybrid	4	DS.SB.HA.SA1	-	K51M-400-D4								
		330		Mechanical	4	DS.SA.SA.SA1	-	<i>K51M-400-A4</i>								
				Hybrid	4	DS.SA.HA.SA1	-	<i>K51M-400-B4</i>								
				1-3/4	4 x 7	260		Mechanical			3	SA.SA.SA1	4.5 x 4.5 x 0.134 (A45M)	<i>K51M-450-A3</i>	4.5 x 4.5 x 0.134 (A45M5)	<i>K51L-SWRH-450-A3</i>
								Hybrid			3	DS.HA.SA1	-	<i>K51M-450-B3</i>	-	<i>K51L-SWRH-450-B3</i>
	Mechanical	3	SB.SA.SA1				-	K51M-450-C3	-	K51L-SWRH-450-C3						
	Hybrid	3	DS.HA.SB				-	K51M-450-D3	-	K51L-SWRH-450-D3						
4 x 8	260		Mechanical		4	SA.SB.SA.SA1	-	K51M-450-C4	-	K51L-SWRH-450-C4						
			Hybrid		4	DS.SB.HA.SA1	-	K51M-450-D4	-	K51L-SWRH-450-D4						
	330		Mechanical		4	DS.SA.SA.SA1	-	<i>K51M-450-A4</i>	-	<i>K51L-SWRH-450-A4</i>						
			Hybrid		4	DS.SA.HA.SA1	-	<i>K51M-450-B4</i>	-	<i>K51L-SWRH-450-B4</i>						
1-3/4 to 2-1/4			4 x 7		260		Mechanical	3	SA.SA.SA1	5 x 5 x 0.190 (A50B) 5 x 5 x 0.146 (A50M)	<i>K51M-500D-A3</i>	5 x 4.5 x 0.146 (Not in BHMA)	<i>K51L-SWRH-545-A3</i>			
							Hybrid	3	DS.HA.SA1	-	<i>K51M-500D-B3</i>	-	<i>K51L-SWRH-545-B3</i>			
		Mechanical				3	SB.SA.SA1	-	K51M-500D-C3	-	K51L-SWRH-545-C3					
		Hybrid				3	DS.HA.SB	-	K51M-500D-D3	-	K51L-SWRH-545-D3					
	4 x 8	260		Mechanical	4	SA.SB.SA.SA1	-	K51M-500D-C4	-	K51L-SWRH-545-C4						
				Hybrid	4	DS.SB.HA.SA1	-	K51M-500D-D4	-	K51L-SWRH-545-D4						
		330		Mechanical	4	DS.SA.SA.SA1	-	<i>K51M-500D-A4</i>	-	<i>K51L-SWRH-545-A4</i>						
				Hybrid	4	DS.SA.HA.SA1	-	<i>K51M-500D-B4</i>	-	<i>K51L-SWRH-545-B4</i>						
	2-1/4 up			4 x 7	260		Mechanical	3	SA.SA.SA1	6 x 6 x 0.160 (A60M)	<i>K51M-600-A3</i>	Contact Waterson for other door configurations and special conditions. • Material: 304 is standard, 316 is option. • Corners: Square is standard, 1/4 or 5/8" radii are options. • Door Stops: Optional. • Weather-Resistant Cap: Optional.  Stainless Steel Dark Bronze  Satin Brass Flat Black				
							Hybrid	3	DS.HA.SA1	-	<i>K51M-600-B3</i>					
			Mechanical			3	SB.SA.SA1	-	K51M-600-C3							
			Hybrid			3	DS.HA.SB	-	K51M-600-D3							
4 x 8		260		Mechanical	4	SA.SB.SA.SA1	-	K51M-600-C4								
				Hybrid	4	DS.SB.HA.SA1	-	K51M-600-D4								
		330		Mechanical	4	DS.SA.SA.SA1	-	<i>K51M-600-A4</i>								
				Hybrid	4	DS.SA.HA.SA1	-	<i>K51M-600-B4</i>								

HOW TO SPECIFY

1 Manufacturer : Waterson Group

(www.watersonusa.com)

2 Type and Size:

Full Mortise: Waterson K51M:

[4 x 4 inches (BHMA A40M).]

[4.5 x 4.5 inches (BHMA A45M).]

[5 x 5 inches (BHMA A50B).]

[6 x 6 inches (BHMA A60M).]

Swing Clear: Waterson K51L:

[4.5 x 4.5 inches (BHMA A45M5).]

[5 x 4.5 inches.]

3 Material: Type [304] [316] stainless steel.

4 Closer Hinge Sets:

Doors with Three Closer Hinges:

[Set A3: Configuration SA.SA.SA1.]

[Set B3: Configuration DS.HA.SA1.]

[Set C3: Configuration SB.SA.SA1.]

[Set D3: Configuration DS.HA.SB.]

Doors with Four Closer Hinges:

[Set A4: Configuration DS.SA.SA.SA1.]

[Set B4: Configuration DS.SA.HA.SA1.]

[Set C4: Configuration SA.SB.SA.SA1.]

[Set D4: Configuration DS.SB.HA.SA1.]

5 Corners: [Square.] [[1/4-inch] [5/8-inch] radius.]

6 Finish:

[Satin Stainless Steel: BHMA 630 (US32D).]

[Flat Black: BHMA 631 (US19) – Powder coating.]

[Dark Satin Bronze: BHMA 695 (US10B) – Powder coating.]

[Satin Brass: BHMA 731 (US4) – Physical vapor deposition (PVD) coating.]

7 Options:

[Door Stops: Two per door.]

[Weather-Resistant Cap: Provide at exterior and wet areas.]



ABOUT WATERSON



Management System
ISO 9001:2015
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Waterson USA is part of Waterson Group, an international corporation with expertise in designing and manufacturing engineered metal products. After six years of research and development, we introduced Waterson closer hinges in 2011. Since then, we have sold hundreds of thousands to discriminating construction companies, developers, and building owners worldwide.



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