## **1310 SERIES**

## SINGLE ACTING TEMPLATE SPRING HINGES





- Standard weight, full mortise
- 3 knuckle, 2 anti-friction nylon washers
- Steel with steel components
- ANSI/BHMA A156.7 template hole pattern
- cULus listed¹
- Non-handed
- Adjustable spring tension (tool included)
- Wood and/or undercut machine screws included

NOTE: For best results, use with ball bearing hinges of the same size.

(1) Minimum of two (2) 1310 hinges per labelled fire door

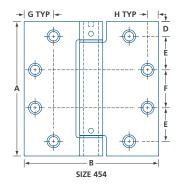
1310	C15	454		
MODEL	FINISH	SIZE		

SIZE	INCHES	MM	GAUGE	FIRE RATING*	HOLES	SCREWS INCL MACHINE	UDED WOOD	QTY <sup>1</sup>
454	41/2×4	114.3 x 101.6	0.134	180 min.	8	#12-24 x ½	#12 x 11/4	2 / 48

(\*) MAX. FIRE RATING BASED ON NFPA 80 GUIDELINES. (1) 2/48 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY.

OTHER FINISHES AVAILABLE, MAY REQUIRE SPECIAL ORDER AND/OR ADDITIONAL LEAD TIME.

**CAUTION:** Misaligned and/or twisted door frames or doors, door bottoms or gasketing for smoke, sound, weather, air pressure differences or improper latch installation/adjustment may prevent door from latching. Some installations may require additional spring hinges.



SIZE	MAXIMUM DOOR WT. <sup>1</sup>	SPRING HINGES	BUTT HINGES <sup>2</sup>
454	110 (50.0)	2	1
	120 (54.5)	3	_

(1) LB(KG) MAXIMUM SIZE: 48 X 90" (1219 X 2286 MM).
MAX. FIRE DOOR SIZE: 36 X 84" (914 X 2134 MM).
(2) FOR BEST RESULTS, USE BALL BEARING HINGES OF THE SAME SIZE.

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MODEL	Α	В	С	D	Е	F	G	Н	K
1310 454	4½	4	19/ <sub>32</sub>	1/2	1 <b>1/8</b>	1 <b>15/64</b>	1	3/8	1/ <sub>16</sub>
	(114.3)	(101.6)	(15.2)	(12.7)	(28.6)	(31)	(25.4)	(9.5)	(1.6)

DIMENSIONS IN INCHES (MILLIMETRES) AS PER ANSI A156.7