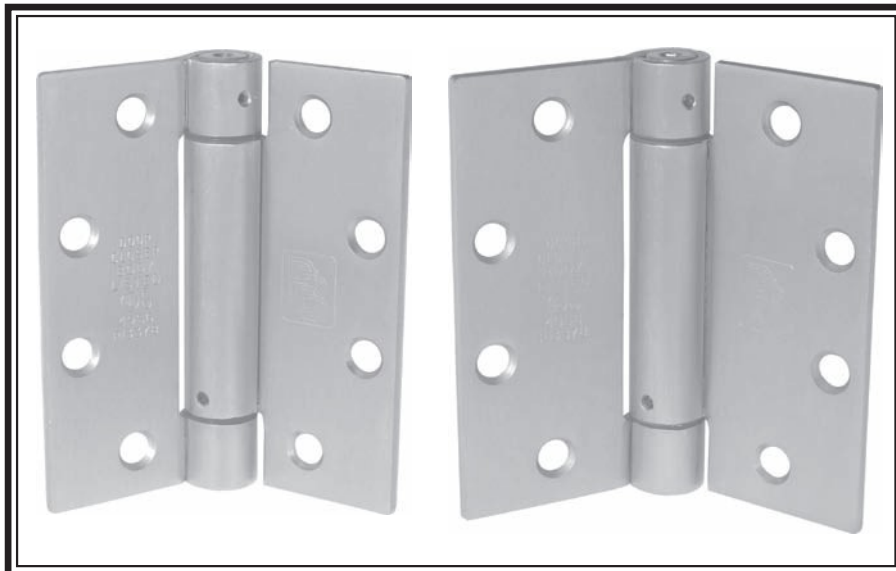




FULL MORTISE U.L. LISTED SPRING HINGE

STANDARD WEIGHT
4 1/2" x 4" 4 1/2" x 4 1/2"

C4



GENERAL PRODUCT INFORMATION: PBB, Inc. template hinges are manufactured to close tolerances and meet all specifications and requirements set by the American National Standards Institute (ANSI).

HINGE SWAGING: A standard swaging of our standard weight full mortise hinge when closed to parallel position provides a 1/16" clearance between leaves.

OTHER SPECIFICATIONS:

Height of hinge:

4.50 + .000 for 4-1/2" x 4"
- .015

Width:

4.50 + .000 for 4-1/2" x 4-1/2"
- .015

4.00 ± .015 for 4-1/2" x 4"

4.50 ± .015 for 4-1/2" x 4-1/2"



SERIES	SIZE	RECOMMENDED MAX DOOR WEIGHT (LBS.)	SPRING HINGE	BUTT HINGE
FOR USE ON 1 3/4" DOOR				
SP81	4 1/2"x4" 4 1/2"x4 1/2"	70	1	2
		100	2	1
		150	3	-

MATERIAL GAUGE:

.134 ± .005 for 4-1/2" x 4"

.134 ± .005 for 4-1/2" x 4-1/2"

4-1/2" STANDARD SCREW SIZE
FHMS - 12-24 x 1/2"
FHWS - 12 x 1-1/4"

PACKAGING INFORMATION:

One hinge per plastic bag, 3 hinges and 1 screw pack per unit carton.

16 unit carton or 48 hinges per master shipping carton.

1 screw pack includes all machine screws (24), and 1/2 wood screws (12). ATMS & AWS also available.

Maximum Door Size

For labeled doors 3' x 7' the maximum door size is based on the limits set forth by NFPA Standard #80. Labeled doors require Ball Bearing hinges.

For non-labeled doors 4'0" wide 4" x 4" Spring hinges are not recommended. For non-labeled doors over 7'6" in height, use an additional hinge for each additional 30" of height or fraction thereof.

NOTES:

1. For complete warranty protection use all spring hinges or a combination of spring hinges and ball bearing hinges. Do not use plain bearing hinges as this voids all factory warranties.

2. Use of gasket for smoke or sound protection, wind condition or unbalanced air pressure may prevent door from latching. Additional closing power would be required. See installation instruction sheet.