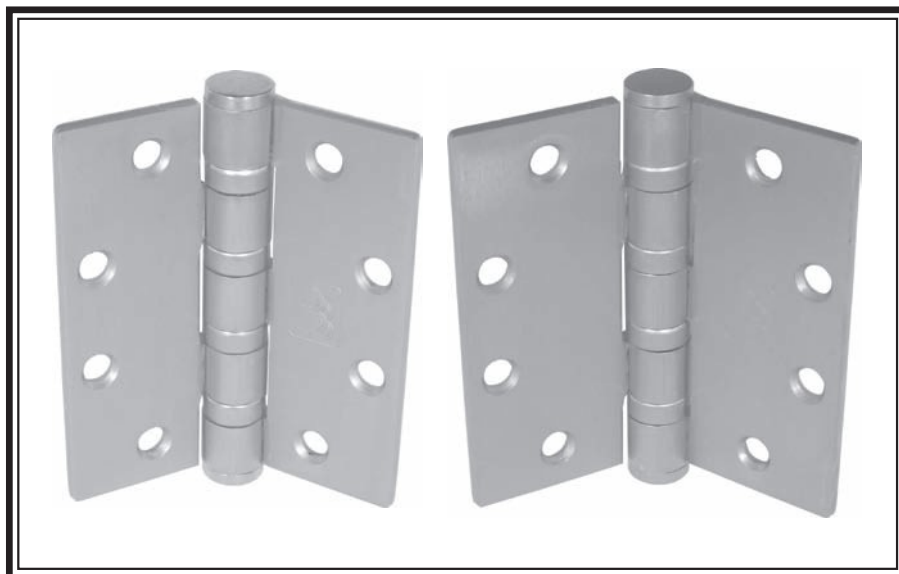




FULL MORTISE TEMPLATE BALL BEARING

HEAVY WEIGHT
4 1/2" x 4" 4 1/2" x 4 1/2"

B19



4B81 (ANSI A8111)
Steel-Polished and Plated or Bonderized and Prime Coated for Painting.

4B21 (ANSI A2111)
Brass-Polished and Plated

4B51 (ANSI A5111)
Stainless Steel-Polished and Satin Finish

- For heavy weight doors receiving high frequency service.
- Ball bearing hinges must be used on doors in conjunction with door closers and on all fire rated openings.
- For hospital type, add HT to suffix of part number.
- All hinges are ANSI template.

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

Width:
 4.00 ± .015 for 4-1/2" x 4"
 4.50 ± .015 for 4-1/2" x 4-1/2"

MATERIAL GAUGE:

.180 ± .005 for 4-1/2" x 4"
 .180 ± .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.