



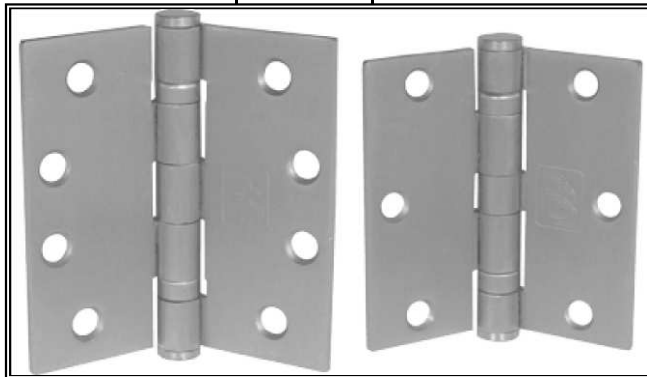
**FULL MORTISE TEMPLATE BALL BEARING**

**STANDARD WEIGHT**  
**3 1/2" x 3 1/2", 4" x 4"**

**Templates:**

BB35

BB40



BB81 (ANSI A8112)  
 Steel-Polished and Plated or Bonderized and Prime Coated for Painting.

BB21 (ANSI A2112)  
 Brass-Polished and Plated

BB51 (ANSI A5112)  
 Stainless Steel-Polished and Satin Finish

•For use on medium weight doors or doors requiring average 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.

•3-1/2, 4" available in square, 5/8", 1/4" Radius Round Corners.

•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).

**OTHER SPECIFICATIONS:**  
 Height of hinge:  
 3.50 (+.000/-0.015) for 3-1/2" x 3-1/2"  
 4.00 (+.000/-0.015) for 4" x 4"

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

Width:  
 3.50 ± .015 for 3-1/2" x 3-1/2"  
 4.00 ± .015 for 4" x 4"

**MATERIAL GAUGE:**  
 .123 ± .005 for 3-1/2" x 3-1/2"  
 .130 ± .005 for 4" x 4"

Template screw hole locations for all 3-1/2 x 3-1/2 Full Mortise Template butts are punched to Commercial Standard CS9-65..

3-1/2" STANDARD SCREW SIZE	4" STANDARD SCREW SIZE
FHMS - 10-24 x 1/2" FHWS - 10 x 1"	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.  
 For 3-1/2 x 3-1/2, 1 screw pack includes (18) machine screws and (18) wood screws.