

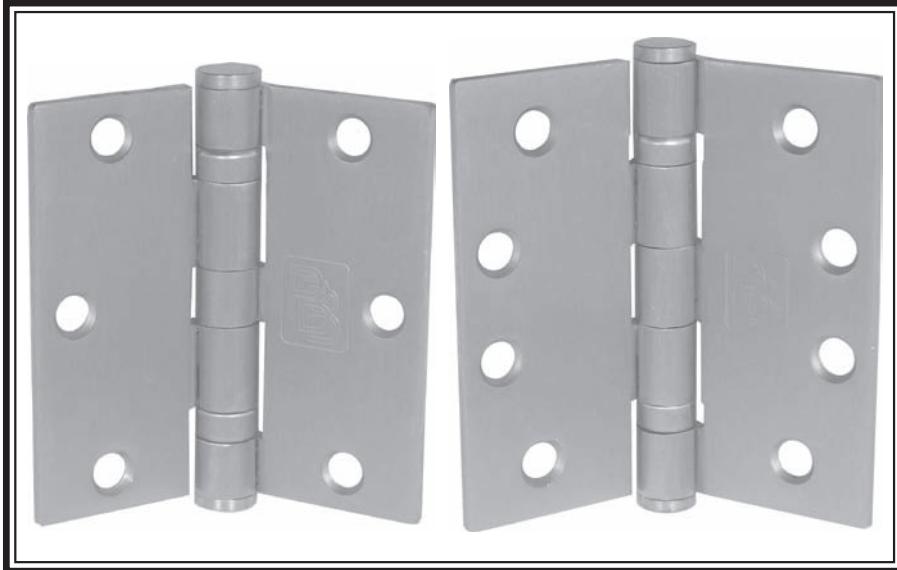


## FULL MORTISE TEMPLATE BALL BEARING

**STANDARD WEIGHT**

**3 1/2" x 3 1/2" 4" x 4"**

**B7**



**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.

### MATERIAL GAUGE:

.123 ± .005 for 3-1/2" x 3-1/2"

.130 ± .005 for 4" x 4"

**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.

### OTHER SPECIFICATIONS:

Height of hinge: + .000  
3.50 - .015 for 3-1/2" x 3-1/2"

4.00 + .000 for 4" x 4"  
4.00 - .015

Width:

3.50 ± .015 for 3-1/2" x 3-1/2"

4.00 ± .015 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

FHMS - 10-24 x 1/2"  
FHWS - 10 x 1"

### 4" 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.

For 3-1/2 x 3-1/2, 1 screw pack includes (18) machine screws and (18) wood screws.